



ANURAG GROUP OF INSTITUTIONS

(Approved by AICTE & Permanently Affiliated to JNTUH)

An Autonomous Institution

Venkatapur (V), Ghatkesar (M), Medchal (Dist.), Telangana State
www.anurag.edu.in

Self Study Report (SSR)



submitted to

National Assessment & Accreditation Council



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Preface

PART - A

PREFACE

Anurag Group of Institutions popularly known as AGI was established as a self-financing engineering college in the year 2002 to promote engineering education for the benefit of the society. It is approved by AICTE, New Delhi, affiliated to Jawaharlal Nehru Technological University, Hyderabad (JNTUH), and recognized by the University Grants Commission (UGC). The college was conferred its autonomous status on 28-07-2014 by UGC. The Anurag Group of Institutions (AGI) is an integrated campus offering programmes in Engineering & Technology, Pharmacy and Business Management. The AGI offers 7 Undergraduate (U.G) programmes, one B. Pharmacy and 15 Post Graduate (P.G) programmes, having on its roll more than 5000 students (UG and PG students) and, more than 435 faculty members and 250 non-teaching staff.

Recent Achievements:

- The AGI was awarded by ISTE as “Best Engineering College for 2012”.
- The institution is also ranked as the 8th Best Engineering College in Telangana by THE WEEK survey 2016.
- The AGI is the first private engineering institution in Telangana state with three departments accredited by NBA under Tier-1.
- The AGI bagged “Best Accredited Student Branch Award” by Computer Society of India (CSI) for the Year 2016.
- The AGI received “Top Performing College Award” by IBM in 2013, 2015 and 2016.
- Top performing All Girls Team award by IBM for TGMC in 2015.
- The AGI bagged various national awards under NSS and Sports.

To ensure high standards in imparting professional education, to create employability, to acquire admissions in leading institutions of the world; and to promote research, the AGI is enabled (facilitated) through KSQIA (Knowledge, Skills, Quality, Infrastructure and Abilities). Being an autonomous institution, AGI constantly reviews and upgrades the curriculum to include the latest trends in the emerging areas and the industrial needs to vie with global competition.

At AGI, we have a systematic and well-organized process in place to monitor curriculum development. The curriculum design and planning is implemented by Board of Studies (BoS) with its members from renowned institutes like IITs, NITs, universities, leading industries and the affiliated university JNTUH. The institute has been successfully implementing the Choice-Based Credit System (CBCS) since last academic year (2015-16). The curriculum and syllabus of B.Tech / M.Tech / MBA / B.Pharm / M. Pharm. programs are under autonomous regulations. Employability, innovation and research are promoted through curriculum design and development. The involvement of stakeholders like industry, alumni, parents, students and faculty play a main role in developing and updating an effective curriculum.



Fig 1: Aerial View of AGI Campus

The AGI has adopted CBCS and OBE model to bring efficiency and excellence in the education system. The important measures taken to improve academic standards and quality include innovation and improvement in curriculum, teaching-learning process, examination and evaluation systems, besides governance and other matters. To implement the outcome- based education, the CBCS has been instrumental in bringing useful changes in course planning, delivery and assessment mechanisms. Also, strenuous efforts are made on the use of ICT enabled learning, and this has made the learning experience more informative and attractive.

Executive Summary

PART – B

EXECUTIVE SUMMARY

I. GENESIS

Anurag Group of Institutions (formerly, CVSR College of Engineering) has been established in 2002 with a vision to become a premier educational institution in India offering Engineering, Technology and Management programmes through maintaining high academic standards. The Institution is established under the aegis of Sri Gayathri Educational and Cultural Trust, which was founded with the objective of imparting quality education to students.

The Institution with its all attempts are set to welcome the first visit by the NAAC peer committee for its appraisal of this institution.

II. CURRENT STATUS

The Anurag Group of Institutions (AGI) is an integrated autonomous campus offering programmes in Engineering & Technology, Pharmacy and Business Management. The AGI offers 7 Undergraduate (U.G) programmes, one B. Pharmacy and 15 Post Graduate (P.G) programmes.

III. CURRICULUM DEVELOPMENT

The main focus of the curriculum is on the attributes and holistic development of students, so that they can display multiple skills and abilities. Academic flexibility and curriculum enrichment provides a holistic learning ambience. Academic flexibility is introduced through core and open electives and mandatory courses. These options promote a lot of flexibility in choosing and mastering a particular domain. Skill development for the students is carried out by including communication skills, aptitude and logical skill courses in the curriculum to promote communication and employability skills. The students become responsible citizens by learning socially relevant subjects like Gender Sensitization, and Environmental Science. The other mandatory courses like NSS/NSO, Sports etc., enable the students to understand the importance of a good physical fitness and also awareness on the

social service. Professional Societies or bodies help students to develop innovative and creative skills through various activities like, technical seminars/ workshops/ mini projects / guest lectures / Project based hands-on activities, etc. These skills are essential for a student for his/her over all development.

The College obtains feedback from all stakeholders to upgrade the curriculum. The College also obtains feedback from eminent industrialists and scientists on curriculum improvement.

New courses are including by taking into account the requirements of the various industries, feedback from stakeholders, faculty, students considering the current developments in the fields of science, engineering and technology and the specific needs of the society.

The curriculum has elective courses, which can be chosen by the students of the respective programs, and also they have option of choosing an open elective offered by other branches of Engineering, Management (MBA) and Humanities. Skills development through the curriculum is another quality enhancement measure which has been adopted for the last four years.

IV. TEACHING-LEARNING AND EVALUATION

The AGI plans the teaching-learning and evaluation schedules before the commencement of each semester. Academic activities are scheduled and academic calendars are prepared well-in-advance by the Director in consultation with the Deans, Heads of the Departments and the Controller of Examinations. For each course, a coordinator will be nominated. Course coordinators and course teachers collectively prepare Instructional System Design (ISD) for each theory and laboratory course, which outlines the syllabus coverage, instructional strategies to be used, and methods of evaluation and assessment of attainment of outcomes. The course plans prepared by the faculty are given to the students in the beginning of the semester, and this gives the detailed schedule (when and what will be covered each day), and it will give a clear picture of day-to-day course activity to the students, and this will make them prepare well in advance for the coverage of the course. The faculty members develop digital course material before the commencement of classes which includes the study material, web

resources etc., which is made available to the students. Similarly, lab manuals are prepared for the laboratory courses which outline the requirements and the procedures for each experiment. The syllabus is covered employing the conventional and the computer-aided teaching methodologies based on the course plan.

Each department at AGI is providing a platform for students to listen, understand and practice NPTEL (National Programme on Technology Enhanced Learning) lectures. NPTEL is a joint initiative by IITs (Indian Institute of Technology) and IISc (Indian Institute of Science). The AGI is also providing a platform to students to utilize Massive Open Online Course (MOOC) contents to enhance and enrich their professional knowledge and skills. MOOCs provide very rich community interactions among students, professors, researchers across the globe. The NPTEL and MOOC platforms also help faculty to enrich their knowledge and teaching skills. The Library of the AGI is provided with e-Journals, e-Resources contents and Journals. The entire Campus is Wi-Fi enabled.

ICT-enabled classrooms are available in each department. Activity based learning is encouraged through innovative teaching methodologies such as peer instructions, problem based learning, project based learning, etc. These are helping the students improve the cognitive skills to solve complex problems and create interest and enthusiasm to handle projects. The faculty members have the freedom of selecting suitable instructional strategies. The effectiveness of these mechanisms is constantly reviewed and refined.

Internal assessment tests are conducted, as scheduled. The progress of the students is constantly monitored, and informed to Parents/Guardians through SMS messages. The student attendance is also sent regularly through SMS. The students are counseled and motivated based on their performance. They are encouraged to enhance their technical knowledge and inter-personal skills through various value-added and add-on courses. Experts from industries and eminent academicians from universities, NITs, IITs visit the institution periodically to deliver lectures, conduct workshops and training programmes etc. Bridge courses are offered for selected subjects before the commencement of classes for improved learning. Similarly, special coaching classes are conducted periodically, whenever needed for students. Students are also sponsored by the college and guided by faculty members to participate in national and international level contests. A counselor is assigned for a group of 15-20 students to assess the strengths and weaknesses of each student and counsels him/her suitably. Faculty members are committed to the professional and personal

development of the students. As project supervisors, faculty members mentor the students' right from the identification of a problem till providing a solution to it. The Project Review Committee monitors the students' progress on the projects through periodic seminars and project reviews. Based on this, the internal assessment of the project is performed. The students are encouraged to do their projects in industries. The AGI provides the students an opportunity to carry out their mini projects during the summer vacation of 3rd year and a project during the final year second semester to understand and to be part of the development/ manufacturing/ research process. This gives them a real time performance.

The performance of the faculty members is assessed by the Head of the Department and Academic Committee through various feedback mechanisms that are collected regularly. The feedback is based on commitment to the teaching profession, regularity, punctuality, teaching methodologies, participation and guiding the students in various professional and other activities and research capabilities.

The contributions of the institution, as a whole, in the perspective of academic career and personal development of a student are evaluated through the Alumni Survey. The Alumni are acting as advisory member in all Professional bodies and also as members in BoS. The degree of enhancement of the student capabilities such as communication skills, self-learning, engineering knowledge, project management is evaluated with program specific Student Exit Survey. These feedbacks help in the refinement of the curriculum and handling of mini and major projects, seminars and also professional activities.

Similarly, feedback obtained from industries, employers and alumni are used to refine programme outcomes and programme educational objectives to meet the expected level of attainment. Accordingly, the curriculum and the syllabus are upgraded to fulfill the revised objectives and outcomes.

V. RESEARCH, CONSULTANCY AND EXTENSION

Research, consultancy and extension services play an important role, besides the teaching and learning process. The AGI has established a Research and Development (AGI-R&D) cell to monitor the research activities in the institution. The AGI-R&D cell also enlightens the faculty about the research grants from different funding agencies. To promote research culture among the faculty and students, the AGI has established research forums / centers in each department. The research forum / center is a platform for

discussing the latest research topics. The AGI has created a research environment on the campus by establishing well-equipped labs with excellent facilities. To facilitate research and to enrich with the latest research trends, the AGI has subscribed to various globally and nationally reputed journals like IEEE, Science Direct, Springer, ASME, ASCE etc.

The AGI has applied for JNTUH Research Centre. As the outcome of the AGI - R&D cell and research forums of the departments, more than 500 papers have been published in reputed national and international journals and conferences. The quantum of publications is improving year after year. Many faculty members are currently working for their Ph. D. s and the management is encouraging them by reducing their workload, whenever it is necessary, and also exempting them from examination duties if possible.

The faculty members are also working on various innovative projects leading to the filing of patents. Industrial experts are invited to the institution for interaction with faculty and students to promote industry-based research. Faculty members are encouraged to do research in the front line areas which involve ideas across disciplines. Research proposals are submitted to various funding agencies every year, which includes a few interdisciplinary concepts.

The College strives hard to establish collaboration with industries by offering engineering solutions as industrial consultancy. The faculty members are permitted to use the laboratory facility in the institution for the consultancy project. The expertise available in the institution is publicized through the college website, college newsletter, brochures, mails/emails, individual department websites, and interaction with the industry during industrial visits. The College has signed MoUs with reputed industries and corporate houses to promote research and consultancy services.

The institution organizes social outreach programs and Institutional Social Responsibility (ISR) activities through the forums like NSS, Sahaya, Entrepreneurship Development Cell (EDC) and Women Empowerment Cell (WEC).

VI. INFRASTRUCTURE AND LEARNING RESOURCES

The college has an academic area and residential area about 44,702 Sq.m respectively. The academic area includes separate blocks of departments, an air-conditioned auditorium with 500 seating capacity, 10 numbers of air-conditioned seminar/conference halls and one open auditorium with excellent audio visual facilities. The college

has exclusive hostels for boys and girls students. The hostels are provided with Wi-Fi facility for accessing the internet. The institution has three excellent libraries – Central Library, Library exclusive for 1st year students and a library exclusive for Pharmacy. The libraries have an exhaustive collection of books, back volumes, journals, magazines, project reports, e-books, e-journals and computers with internet facilities. In addition to this each department has its own departmental library.

The IT infrastructure of the college is upgraded every year. The institution is constantly upgrading both the software and hardware on par with the industry and academic standards. All the computer systems available in the college are connected through LAN and provided with internet facility. The college has various proprietary software and open source software for the benefit of students, staff and research scholars.

To promote sports activities, the college has a wide playground with, football fields, two volleyball field, one cricket ground, one hand ball court and two basketball grounds. In addition to this, the college has indoor game facilities. The fine arts club encourages and brings out the artistic capabilities of students in the field of music, dance, drama, visual arts and other cultural activities.

The college has the following infrastructure and learning resources:

- Digital library with e-learning resources
- Career Guidance Cell
- Training and Placement Division
- Entrepreneurship Development Cell
- Department of System and Network Administration (for maintenance of IT hardware and software)
- ATM facility (State Bank of Hyderabad)
- Canteen
- Mineral water plant (1000 Liters / Hr.)
- Power Generator System
- Medical Facility
- 24-hours ambulance provision
- Exclusive waiting halls for ladies
- Crèche that takes care of faculty children with free of cost.

- Maintenance of campus facilities through qualified engineers in estate office

VII. STUDENT SUPPORT AND PROGRESSION

The institution provides necessary support to the students to pursue their higher studies. The college provides mentoring through the counseling system. The counselor is a faculty member who takes care of 15-20 students and gives counseling guidance for the betterment in their academic and extracurricular performance in professional bodies, association clubs, sports & games, co-curricular, behavioral and psychological phenomena. The institution works relentlessly to obtain various scholarships to motivate the socially and economically backward students. The students are receiving various kinds of scholarships like SC/ST scholarship, EBC scholarship, minority scholarship etc. In addition, the management also provides various cash awards and prizes to encourage the students in curricular, co-curricular and extracurricular activities. Physically - challenged students are provided with a conducive environment for study. Parent-Teachers meetings are organized periodically to inform about the progress of their wards to the parents. Regularly cell phone messages and alerts are sent to the parents if the ward is absent the mid and final exam marks also are sent regularly.

The college has an effective Training and Placement Division (TPD). The TPD of the AGI is very active in organizing the placement training regularly for all eligible students, and also they conduct training on technical skills, soft skills and mock interviews. The TPD conducts the Training programs for the students to develop their aptitude, logical skills and communication. This will give a lot of confidence among the students while attending Campus Recruitment Drives. Guest lectures are arranged by inviting eminent resource persons from reputed organizations. The college offers career guidance for further studies, employment opportunities in the government as well as private sectors. Students are also motivated to participate in competitive exams like UPSC, TSPSC, Telagana Electricity Board, TS civil/ water board, Defense Services, GRE/TOFEL/GATE etc. Technical symposiums, conferences and seminars are organized at national and international levels to bring out the talents of the students. The institution encourages the students to participate in various sports and games. The students actively participate in various zonal/stat/national level tournaments and win laurels for the college.

VIII. GOVERNANCE, LEADERSHIP AND MANAGEMENT

The Institute is governed by a progressive management that never rests on laurels and strives continuously to develop it as one of the best centers of Academic Excellence in India. The institution profile is firmly based on strategies and action plans that match changing demands of the nation and the student fraternity. The leadership of the institute committed with passion and zeal to enhance the excellence in engineering education. The Director is assisted by other senior Directors, various Deans, Heads of the Departments, Controller of examinations, Administrative officer and various committees in charges.

Governing Body, Academic Council, Boards of Studies, Finance Committee and other committees are constituted as per UGC guidelines for autonomous institutes. The affiliating university JNTUH, Hyderabad nominates eminent professors as members on various committees/Boards to support and guide the academic mechanism. Faculty performance appraisal is collected regularly.

Internal Quality Assurance Cell (IQAC) is actively involved in planning, coordinating and executing all required procedures for academic audit of the existing courses. It develops the quality benchmarks/parameters for various academic activities. The regular feedback collected from alumni, parents, employers and staff on functioning of the Institute is considered to enhance further development in the institute. The Institute addresses the grievances students and staff through General Grievance Cell and Women Grievance Cell.

IX. ENVIRONMENT CONSCIOUSNESS

The environmental degradation is arrested through luxuriously grown trees, Planting tree, wherever necessary, conservation by replacing the tube lights (street light) with CFL bulbs, turning off electricity, if not required, in class rooms, hostels, and in other places when sunlight is naturally available, use of renewable energy, rain water harvesting, efforts for carbon neutrality by prohibiting the movement of vehicles inside the campus, prohibiting smoking and making a plastic and tobacco-free campus, hazardous waste management and e-waste management.

SWOT ANALYSIS

Strengths:

- Visionary management with well-defined goals and strategically designed operating procedures.
- Grant of autonomous status by UGC.
- Retention rate of faculty is very high.
- Well established Training and Placement Division
- The AGI was awarded by ISTE as the “Best Engineering College for 2012”.
- The institution is also ranked as the 8th best Engineering College in Telangana state by THE WEEK survey 2016.
- The AGI is the first private engineering institution in Telangana state with three departments (Mechanical, Chemical and Information Technology), accredited by NBA under Tier-1.
- The NBA visit for the other three departments (Computer Science and Engineering, Electronics and Communication Engineering and Electrical and Electronics Engineering) was held during the month of Feb. 2017, and waiting for the results.
- Accredited by Tata Consultancy Services (TCS).
- The AGI bagged the “Best Accredited Student Branch Award” by Computer Society of India (CSI) for the Year 2016.
- The AGI received the “Top Performing College Award” by IBM in the Year 2015.
- The AGI received the “Top 50 Performing College Award” by IBM for the Year 2013.
- A good number of campus placements.
- Students are encouraged for additional certification programs.
- Regularly conducting mock interviews, language projects, language fair, and inclusion of courses like communication skills, personality development and logical reasoning and aptitude in the curriculum under CBCS, thus improving overall placements.
- Strong and committed NSS team with good number of state and national awards.
- A good sports facility with many zonal and national achievements.
- A good interaction between the institution and alumni.
- Well maintained faculty and student ratio.
- Strong faculty with a blend of national and international experience and research.

- Encouraging staff for research and Ph. D. programmes with good incentives.
- Dedicated and committed faculty.
- Active participation under Skill Development Center of Govt. of Telangana.
- Good infrastructure and learning facilities to imbibe quality education.
- Each department has its own research centre.
- Research projects funded by various agencies.
- Good Citation Index for the published research papers of faculty.
- ICT- based teaching and learning process.
- Digital library with e-learning resources.
- Strong linkage with industry with a good number of MOUS.
- Each department has good number of active and dynamic professional bodies with good number of professional activities.

Weaknesses:

- Financial constraints to sponsor faculty to higher education under QIP
- Collaboration with R & D organizations is in formative stage
- Admission of foreign students.
- Inadequate funds for interdisciplinary research.
- Need to introduce foreign languages
- Residential quarters for faculty

Opportunities:

- Scope for further improvement in teaching and learning processes using Information and Communication Technology (ICT).
- Nurturing the qualified faculty to build reputation and status of the institute.
- Preparing students for competitive advanced skill tests like GRE, GATE, IELTS and TOEFL to secure admissions for higher studies across the globe.
- Scope for improving collaborative research projects and consultancy services with industry and R & D organizations.
- Introducing student and faculty exchange programs with national and international institutes and universities.

- Providing technical expertise to society and community in accordance with Government's thrust on IT / Bio-technology / Eco-friendly projects etc.

Threats:

- Migration of students from this region to the deemed universities of the neighboring states.
- Increasing opportunities in IT enabled services affect the employment in core branches of engineering.
- Uncertainties in employment opportunities due to imbalanced development in various disciplines.
- Attracting international students to the Institute.

Institute Details

Part – C

Profile of the Autonomous Institute

1. Name and Address of the College:

Name	Anurag Group of Institutions	
Address	Venkatapur (Village), Ghatkesar (Mandal), Medchal Dt., Hyderabad, Telangana State	
City	Hyderabad	State : Telangana
Pin	500 088	Website : www.anurag.edu.in

2. For Communication

Designation	Name	Telephone with STD code	Mobile	Fax	E-Mail
Principal	Dr. K. S. Rao	O: R:	99494 33309		director@cvsr.ac.in
Vice Principal		O: R:			
Steering Committee Co-coordinator	Dr. V. Vijay Kumar	O: R:	98494 52287		drvvk_dean@cvsr.ac.in

3. Status of the Autonomous College by Management.

i	Government	
ii	Private	√
iii	Constituent Institute of the University	

4. Name of University to which the Institute is affiliated : **JNTU, Hyderabad.**

5.

a. Date of establishment, prior to the grant of 'Autonomy'

Date	Month	Year
06	06	2002

b. Date of grant of 'Autonomy' to the Institute by UGC:

Date	Month	Year
19	06	2014

6. Type of Institution:
a. By Gender

i	For Men	
ii	For Women	
iii	Co- Education	√

b. By Shift

i	Regular	√
ii	Day	
iii	Evening	

c. Source of funding

Government	
Grant in Aid	
Self-Financing	√

7. Is it a recognized minority institution?

Yes	
No	√

If yes specify the minority status (Religious/ linguistic/ any other) and provide document evidence

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8. a. Details of UGC recognition:

Under Section	Date, Month & Year(dd-mm-yyyy)	Remarks (If any)
i. 2(f)	11/12/2012	
ii. 12(B)	11/12/2012	

(Enclose the Certificate of recognition u/s 2 (f) and 12 (B) of the UGC Act)

b. Details of recognition/approval by statutory/regulatory bodies other than UGC (AICTE, NCTE, MCI, DCI, PCI, RCI etc.)

Under section/ Clause	Day, Month and year (dd-mm-yyyy)	Validity	Program /Institution	Remarks
First Approval	06-06-2002	2002-03	Engineering	
Integrated Campus letter	13-01-2012	2010-11	Engineering, Management & Pharmacy	
Present Approval Letter	08-12-2016	2019-20	Engineering, Management & Pharmacy	

(Enclosed the Certificate of recognition/approval)

9. Has the College recognized

a. By UGC as a Institute with Potential for Excellence (CPE)?

Yes	
No	√

If yes, date of recognition: (dd/mm/yyyy)

b. For its contributions / performance by any other governmental agency?

Yes	
No	√

If yes, Name of the agency and Date of recognition:
(dd/mm/yyyy)

10. Location of the campus and area

Location *	Venkatapur village, Ghatkesar Mandal, Medchel District, Hyderabad
Campus area in acres or sq. mts	13.14 acres
Built up area in sq. mts	44,702 sq.mts

(* Urban, Semi-urban, Rural, Tribal, Hilly Area, Any others specify)

11. Does the Institute have the following facilities on the campus (Tick the available facility)? In case the Institute has an agreement with other agencies in using such facilities provide information on the facilities covered under the agreement.

- Auditorium/seminar complex

√

- Sports facilities

Play Ground	√
Swimming Pool	
Gymnasium	

- Hostel

Boy's Hostels	√
Girl's Hostels	√

- Residential facilities

For Teaching Staff	
For Non-Teaching Staff	

- Cafeteria

√

- Health centre –

First aid facility	√
Inpatient facility	
Outpatient facility	
Ambulance facility	√
Emergency facility	

- Health Centre Staff

Qualified Doctor	Full Time	√
Qualified Nurse	Full Time	√

- Other facilities

Bank	
ATM	√
Post Office	
Book Shops	√

- Transport facilities

For Students	√
For Staff	√

- Power house:

- Waste management facility:

12. Details of Programmes Offered by the Institution: (Given Data for the Current academic year)

S. No	Programme Level	Name of Programme/Course	Duration	Entry Qualification	Medium of Instructions	Sanctioned/ Approved/ Student Intake	Number of students admitted
1	UG	Chemical Engineering (CHE)	4 yrs	10+2	Eng	60	39
		Civil Engineering (CE)	4 yrs	10+2	Eng	180	172
		Computer Science and Engineering (CSE)	4 yrs	10+2	Eng	240	240
		Electronics and Communication Engineering (ECE)	4 yrs	10+2	Eng	240	240
		Electrical and Electronics Engineering (EEE)	4 yrs	10+2	Eng	120	114
		Information Technology (INF)	4 yrs	10+2	Eng	120	120
		Mechanical Engineering (MEC)	4 yrs	10+2	Eng	240	219
		Pharmacy	4 yrs	10+2	Eng	100	89

2	PG in Engineering	Structural Engineering	2 yrs	Any Graduation	Eng	48	48				
		Construction Management	2 yrs		Eng	0	0				
		Computer Science and Engineering	2 yrs		Eng	72	36				
		Computer Science	2 yrs		Eng	18	5				
		Software Engineering	2 yrs		Eng	0	0				
		VLSI System Design	2 yrs		Eng	72	20				
		Embedded Systems	2 yrs		Eng	42	17				
		Power Electroncs and Electrical Drives	2 yrs		Eng	36	13				
		Electrical Power Systems	2 yrs		Eng	18	9				
		Machine Design	2 yrs		Eng	24	11				
	MBA	Master of Business Administration	2 yrs	Eng	120	68					
	PG in Pharmacy	Pharma-D	5 yrs	Intermediate	Eng	10	5				
		Pharmacology	2 yrs	B.Pharmacy	Eng	18	4				
Pharmaceutics		2 yrs	Eng		36	19					
Industrial Pharmacy		2 yrs	Eng		24	4					
3	Integrated Masters	Not Applicable									
4	M.Phil.										
5	Ph. D										
6	Integrated Ph. D										
7	Certificate										
8	Diploma										
9	PG Diploma										
10	Any Other (Please specify)										

13. Does the institution offer self-financed Programme?

Yes	√
No	

If yes, how many?

All the Programs

14. Whether new programmes have been introduced during the last five years

Yes No

If Yes, Number

15. List the departments: (Do not list facilities like library, Physical Education as departments unless these are teaching departments and offer programmes to students)

Particulars-	Number	Number of Students
Science Under Graduate: Post Graduate: Research Centre(s)		Not Applicable
Arts Under Graduate: Post Graduate: Research Centre(s)		Not Applicable
Commerce Under Graduate: Post Graduate: Research Centre(s)		Not Applicable
AnyOther (Please specify) Engineering Under Graduate: Post Graduate: Research Centre(s)	8 (Programs) 15 (Programs)	B.Tech-4720 B.Pharm- 315 M.Tech- 283 M.Pharm- 33 Pharma.D- 174 MBA- 153

16. Are there any UG and/or PG programmes offered by the Institute, which are not covered under Autonomous status of UGC? Give details
NO

17. Number of Programmes offered under (Programme means a degree course like BA, MA, BSc, MSc, B.Com etc.)

a. Annual system

b. semester system

c. trimester system

18. Number of Programmes with

a. Choice Based Credit System

b. Inter/Multidisciplinary Approach

c. Any other (specify)

19. Unit Cost of Education

(Unit cost = total annual recurring expenditure (actual) divided by total number of students enrolled)

(a) including the salary component

(b) excluding the salary component

20. Does the Institute have a department of Teacher Education offering NCTE recognized degree programmes in Education?

Yes No

If yes,

a. How many years of standing does the department have?

..... years

b. NCTE recognition details (if applicable) Notification

No.:

Date: (dd/mm/yyyy)

C. Is the department opting for assessment and accreditation separately?

Yes No

21. Does the College have a teaching department of Physical Education offering NCTE recognized degree programmes in Physical Education?

Yes No

If yes,

a. How many years of standing does the department have?

..... years

b. NCTE recognition details (if applicable) Notification

No.:

Date: (dd/mm/yyyy)

C. Is the department opting for assessment and accreditation separately?

Yes No

22. Whether the Institute is offering professional programme?

Yes No

If yes, please enclose approval / recognition details issued by the statutory body governing the programme.

23. Has the Institute been reviewed by any regulatory authority? If so, furnish a copy of the report and action taken there upon.

24. Number of teaching and non-teaching positions in the Institute

Positions	Teaching faculty						Non-teaching staff		Technical staff	
	Professor		Associate Professor		Assistant Professor		M	F	M	F
	M	F	M	F	M	F				
Sanctioned by the UGC / University / State Government	Not Applicable									
Recruited										
Yet to be Recruited										
Sanctioned by the Management / Society										
Recruited	17	4	49	31	213	121	113	93	39	11
Yet to be Recruited										

25. Qualifications of the teaching staff

Highest Qualification	Professor		Associate Professor		Assistant Professor		Total
	*M	*F	*M	*F	*M	*F	
Permanent Teachers							
Ph.D.	17	04	18	03			42
M. Phil.							
PG			31	28	213	121	435
Temporary Teachers:							
Ph.D.	Not Applicable						
M. Phil.							
PG							
Part Time Teachers							
Ph. D.	Not Applicable						
M. Phil.							
PG							

*M- Male *F-Female

26. Number of Visiting Faculty/ Guest Faculty engaged by the Institute:

27. Students enrolled in the Institute during the current academic year, with the following details:

Students	UG		PG		Integr ated Mast ers		M.Phil		Ph.D.		Integra ted Ph.D		D. Litt/ D.Sc		Certifi cate		Diplo ma		PG Dipl oma	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F
From the state where the Institute is located	785	448	153	145	Not Applicable															
From the other states of India	-	-	-	-																
NRI students	-	-	-	-																
Foreign students	-	-	-	-																
Total																				

*M- Male *F-Female

28. Dropout rate in UG and PG (average for the last two batches)

UG PG

29. Number of working days during the last academic year:

30. Number of teaching days during the last academic year

31. Is the Institute registered as a study centre for offering distance education programmes for any University?

Yes No

If Yes, provide the

A. Name of the University

B. Is it recognized by the Distance Education Council?

Yes No

C. Indicate the number of programmes offered:

32. Provide Teacher-student ratio for each of the programme/course offered

S.No	Programme /Course	Teacher-student ratio
1	UG	1:15
2	PG	1:12

33. Is the Institute applying for?

Accreditation: Cycle 1 Cycle 2 Cycle 3 Cycle 4

Re-Assessment:

34. Date of accreditation* (applicable for Cycle 2, Cycle 3, Cycle 4 and re-assessment only)

Cycle 1: (dd/mm/yyyy) Accreditation outcome/results

Cycle 2: (dd/mm/yyyy) Accreditation outcome/results

Cycle 3: (dd/mm/yyyy) Accreditation outcome/results *

Kindly enclose copy of accreditation certificate(s) and peer team report(s)

Cycle 1 refers to first accreditation; Cycle 2 and beyond refers to reaccreditation

35.

a. Date of establishment of Internal Quality Assurance Cell (IQAC):

.....(dd/mm/yyyy)

b. Dates of submission of Annual Quality Assurance Reports (AQARs):

i. AQAR for year on(dd/mm/yyyy)

ii. AQAR for year on(dd/mm/yyyy)

iii. AQAR for year on(dd/mm/yyyy)

iv. AQAR for year on(dd/mm/yyyy)

36. Any other relevant data, the College would like to include. (Not exceeding one page)

Criterion - I

Curricular Aspects

PART-D

CRITERION I: CURRICULAR ASPECT

1.1 CURRICULUM DESIGN AND DEVELOPMENT

1.1.1 How are the institutional vision and mission reflected in the academic programs of the College?

The academic programs are focused towards the mission and vision of the AGI. The institute continuously evolves strategies to provide quality technical education to fulfill the aspirations of the students and strive hard to achieve excellence in technical education. The institute has recruited well qualified teachers to impart technical and value-based knowledge in a conducive learning ambience. The AGI encourages research and development in all fields. The departments have research forums to promote academic research. The undergraduate students are also motivated in research through project work, paper presentations, exhibition, talent hunt etc. The AGI has established effective linkage with industries. The curriculum and teaching methodologies are designed to enhance employability and the spirit of entrepreneurship among the students.

1.1.2 Describe the mechanism used in the design and development of the curriculum? Give details on the process. (Need Assessment, Feedback, etc)

Quality in technical education is achieved by autonomy in curriculum design and development. Initially, the College was granted its autonomous status by affiliated university JNTUH by 2012, where the institution has right to modify or enhance the university prescribed syllabus contents by 20% to cater to the needs and demands of students, industry and specialization. The institution constituted Board of Studies and other academic bodies that work hard in designing the curriculum. The institution was granted autonomous status by the University Grants Commission (UGC) on 28-07-2014, and ever since, the institution continuously strives hard for the design and development of quality curriculum in all UG/ PG programs. The institution introduced the Choice- Based Credit System (CBCS) from the academic year 2015-16.

Mechanism for curriculum design and development (BoS): The institution has an effective mechanism for curriculum development. The Board of Studies (BoS) scrupulously designs curriculum which is in line with the vision and mission of the College, Programme Educational Objectives and Programme Outcomes of the respective programme. The BoS consists of members from leading academic institutes like IITs, NITs, Central Universities, State Universities, leading industries and other public and private organizations. The university nominee is also a member of BoS. The final draft of syllabus prepared by the department is placed before the BoS, and it is reviewed extensively. The BoS recommends the necessary modifications and suggestions in the curriculum and syllabus and recommends the modified curriculum and syllabus to the Academic Council.

Curriculum Planning and Evaluation Cell (CPEC): The institution has a Curriculum Planning and Evaluation Cell (CPEC) for designing and evaluating the curriculum and syllabus of B.Tech / M.Tech programs under autonomous regulations. The CPEC is instrumental in deciding the common subjects of first year and the number of credits to be allocated to each semester, the number of open electives and the number of mandatory courses. The members of CPEC stakeholders are Directors of the institute, the Heads of the Departments, the BoS Chairperson, senior professors, Deans and Controller of Examination.

Feedback from faculty members: Faculty members provide their feedback regarding the general curriculum design and development of the program, new topics to be introduced and its relevance; and the obsolete topics to be deleted or modified and reasons thereof; and submit this to BoS.

Academic Council: Academic Council is constituted as per the guidelines of UGC. It is the apex body for approving the curriculum, syllabus and academic regulations. The curriculum and syllabus recommended by BoS of various engineering disciplines, MBA, Pharmacy, Mathematics, Physics, Chemistry and English are placed before the Council. After careful scrutiny, the Academic Council approves the curriculum and syllabus, and academic regulations with the necessary modifications and suggestions. The suggestions and modifications given by the Academic Council are

scrupulously carried out, and the approved syllabus is followed in the corresponding batches of UG/PG programs. The approved curriculum, syllabus and academic regulations are also submitted to the University.

Need Assessment: Whenever changes are required in the curriculum and syllabus, the Need Assessment is carried out for inclusion of a subject / topic. The students are given questionnaire to give their opinion for inclusion or deletion of a subject. The suggestions are carefully analyzed, and the necessary changes are made in the curriculum and syllabus based on the Need Assessment. When the college plans to introduce a new program, a Need-Assessment Committee is formed to survey the needs of industry, the number of colleges offering the program in the State and employment prospects for the program. Based on the suggestions of this committee, the proposal for introduction of the new program is submitted to the Governing Council. The Council approves the introduction of the new program. The college introduces the new program after obtaining approval from the statutory bodies.

Feedback from Alumni: Alumni are part of BoS and they are also acting as Advisory members in all Professional bodies.

Feedback from Employers: Feedback from employers and industry is obtained every year to assess the suitability of the curriculum for employment opportunities and to update or modify the curriculum, as per the need of the industry, with the approval of the BoS and Academic Council.

The suggestions from Need-Assessment and the feedback from stakeholders are considered, and the curriculum and syllabus is modified through the above mentioned mechanism for curriculum design and development.

1.1.3 How does the College involve industry, research bodies, and civil society in the curriculum design and development process? How did the college benefit through the involvement of the stakeholders?

The institution is associated with various industries and research bodies for the development of academic and research activities. Industrialists and

educationalists are involved in all the stages of curriculum design. The feedback from employers helps in designing the curriculum according to the current need.

Benefit for the college through the involvement of the stakeholders

The involvement of stakeholders, feedback from alumni and experts from industry in curriculum design give fresh insights that can improve the way a course or module is designed and delivered and find solutions to the challenging issues. The implementation of their feedback is as follows:

- Ensures components for employability, research and social needs within the curriculum
- Helps to evolve U.G curriculum, based on the needs of the industry
- Ensures in enriching the content delivery and assessment
- Facilitates in organizing collaborative programs and training
- Promotes employability

1.1.4 How are the following aspects ensured through curriculum design and development?

- * **Employability**
- * **Entrepreneurship**
- * **Innovation**
- * **Research**

Employability is assured by

- Need- based curriculum: Inclusion of qualitative, quantitative, logical reasoning, aptitude course and communication courses as mandatory courses.
- By introducing more number of core electives: This gives a lot of flexibility to the students in selecting their interested technological domains and they obtain more hands on experience. It also gives scope to the faculty to introduce their specialization as elective.
- Introduction of open electives.
- Communication skills through English language lab courses.
- Improve language proficiency through mock interviews and group based activities.
- Value added courses to increase the competency of the students.

- Language projects where students will get to know the process of manufacturing, developing a project etc., by interacting industry top level managers, and the report will be submitted in English.
- Certification Courses in technical subjects through various industries like IBM, Microsoft, Infosys.
- Training programmes through placement cell to improve soft skills, aptitude and communication skills.
- In-plant trainings at the industries to gain industrial experience and to get on job training.
- Industry projects to improve industry-related problem solving skills.
- Developing Presentation Skills through participation in seminars, symposia and conferences.
- Language Fairs.
- Guest Lectures by experts from industry to gain knowledge about the current trends in industries

Entrepreneurship and Innovation is encouraged by conducting

- Awareness programs on Entrepreneurship: Create awareness among students on business, marketing and planning skills.
- Institution fests: Institution organizes many fests/events, and students are encouraged to install their food courts, entertainment stalls, photographic and video desks, creative project stalls etc., where students can earn money through these stalls.
- Language Faires
- One or more open electives are designed in the curriculum of each branch, to deal with business entrepreneurship models/business management courses.

Research is encouraged through the following aspects

- The institute pays registration fees, TA and DA to present papers in National and International conferences and also to attend Workshops/ FDP/Seminars.
- The institute pays the publication cost to the faculty whenever they publish a research paper in National and International Journals.

- Motivating the faculty to pursue Ph.D: The institution encourages the faculty to pursue their Ph.D by providing on-duty leave. The specializations through research by faculty contribute to the curriculum design and development.
- Seminars on research publications: Faculty gives a talk regularly on their published work and the domain. This is helping a lot to the new and young teachers in choosing their respective research areas.
- The Project work in the curriculum promotes research among the UG and PG students. The college provides the necessary infrastructure to the students to carry out their project work.
- The M.Tech students are advised to publish at least one or two research papers on their project work along with the guide. This will, in turn, create interest and enthusiasm among staff in research publications.

1.1.5 How does College ensure that the curriculum developed addresses the needs of the society and have relevance to the regional / national developmental needs?

The institution ensures that the curriculum developed addresses the needs of the society and have relevance to the regional / national developmental needs through the following:

- Environmental studies course is made compulsory in all programs to inculcate the concern for environment and society in young minds.
- Gender Sensitization is included with a motif to make the students comfortable with the other Gender and to understand their Personnel space.
- Mandatory course on NSS is introduced to inculcate moral values and create awareness about social responsibilities among students. Through NSS, the students will understand the needs of the society and surroundings. This will help them work out some activities through which they can improve the quality of life (by conducting medical camps, planting trees, medical awareness programmes, Swatch Bharath programmes etc.)
- Mandatory course on professional bodies: This will help the students know the number of professional bodies that are associated with their branch of engineering and the other professional bodies that are interdisciplinary in nature. The students

will know the responsibilities of an engineer, and how best they can serve the society through these professional bodies.

- A course on Business Entrepreneurship gives an idea on how to become an Entrepreneur.
- Communication skills course is offered to hone communication skills among students.
- The blood donation camps are organized regularly by the NSS wing of the institution to help the society.
- A course on Business Entrepreneurship gives an idea on how to become an Entrepreneur.
- Mini projects are undertaken by students mostly address the societal development needs.

1.1.6 To what extent does the College use the guidelines of the regulatory bodies for developing or restructuring the curricula? Has the college been instrumental in making any curricular reform which has created a national impact?

The guidelines provided by the University Grants Commission (UGC), All India Council for Technical Education (AICTE) and Jawaharlal Nehru Technological University Hyderabad (JNTUH) are followed for the development and reorganization of curricula.

The components of curriculum design encompass Humanities and Social Sciences (HS), Basic Sciences (BS), Engineering Sciences (ES), Professional/ core Subjects (PC), Professional Subjects – Electives (PE), Open Subjects- Electives (OE), project work, seminar and/or internship in industry or elsewhere. And these are included in the curriculum as per the guidance given by CBCS, UGC and AICTE, which are given below:

Table 1.1.6: Distribution of Curricular Components under CBCS

S.No	Course Work - Subject Area	Range of Total Credits(%) Minimum Maximum	Suggested Breakdown of Credits (for Total=192) (No.)
1	Humanities and Social Sciences (<i>HS</i>),including Management;	5-10	9 - 19
2	Basic Sciences(<i>BS</i>) including Mathematics, Physics, Chemistry, Biology;	15- 20	28-38
3	Engineering Sciences (<i>ES</i>), including Materials, Workshop, Drawing, Basics of Electrical/Electronics/Mechanical/Computer Engineering, Instrumentation;	15-20	28-38
4	Professional Subjects-Core (<i>PC</i>), relevant to the chosen specialization/branch; (<i>May be split into Hard (no choice) and Soft(with choice), if required;</i>)	30 - 40	57-76
5	Professional Subjects – Electives (<i>PE</i>), relevant to the chosen specialization/ branch;	10-15	19-28
6	Open Subjects- Electives (<i>OE</i>), from other technical and/or emerging subject areas;	5-10	9-19
7	Project Work, Seminar and/or Internship inIndustry or elsewhere.	10 -15	19-28

The institution has been instrumental in making many curricular reforms that have a national impact. To serve this purpose, the courses such as Gender Sensitization, Soft Skills and Personality Development, Logical Reasoning and Quantitative Aptitude-I, Personality Development and Career Building, course on NSS/NSO, sports, Entrepreneurship Development, Value Engineering, Essential English and Employability Skills, Business English etc. are introduced in the curriculum design and in CRT. These innovative curriculum reforms made by the AGI really have a large national impact.

1.2 ACADEMIC FLEXIBILITY

1.2.1 Give details on the following provisions with reference to academic flexibility.

- a. Core / Elective options
- b. Enrichment of courses
- c. Courses offered in modular form
- d. Credit transfer and accumulation facility
- e. Lateral and vertical mobility within and across programs and courses

Core/Elective Options

The core courses, which are relevant to the branch, are offered to the students for better understanding of the core knowledge in the program. The core courses are compulsory. The elective courses are offered from 4th to 8th semester. The choice of electives gives freedom to each student to choose a technical course of their interest. In addition to the program specific electives, open electives are also offered. The open electives are offered by the other engineering branches, humanities including MBA, and Basic Sciences. The open electives enhance interdisciplinary knowledge and create a broader perspective on the students.

Enrichment courses

The enrichment courses provide an opportunity for the intellectually curious students to develop their knowledge at a higher level. Some enrichment courses like technical presentation and aptitude are introduced as a step to improve aptitude and communication skills.

In addition to the above, industrial visits, in-plant training, internship program and value added courses are arranged regularly for the students. This enables the student to enrich their practical knowledge by updating the day-to-day technological development, and this helps them get placement in the Campus Placement Drives and outside, as per their interest. Students are given opportunities to improve their managerial skills, organization ability, communication skills and soft skills by participating in different activities organized by the various technical association clubs functioning in the college.

Courses offered in modular form

All the programs are offered in semester pattern, whereas the courses are in modular form i.e. designed with standardized units for flexibility. Normally, each course has five units with three or four credits.

Credit transfer and accumulation facility

The credits earned in the college can be transferred to any of the engineering colleges in the state based on university guidelines.

Lateral and vertical mobility within and across programs and courses

Open Elective Courses provided in the curriculum facilitate lateral mobility across the programmes and courses. The college introduced vertical mobility courses by introducing CBCS from the academic year 2015-16.

1.2.2 Have any courses been developed specially targeting international students? If so, how successful have they been? If 'no', explain the impediment.

Currently no such courses are developed.

1.2.3 Does the College offer dual degree and twinning programs? If yes, give details: No.

1.2.4 Does the College offer self-financing programs? If yes, list them and indicate if policies regarding admission, fee structure, qualification of the teacher and salary are at par with the aided programs?

Yes. All the UG and PG programs offered are self-financing programs.

The policies regarding admission, fee structure, teacher qualification of a teacher and salary are as per the norms of AICTE. Being a self-financing college 70% of intake is admitted through EAMCET conducted by Telangana Government and reservation policy of Government of Telangana is followed for admission. Remaining 30% are filled by the management. The guidelines of AICTE and JNTU, Hyderabad are followed for teachers' recruitment.

1.2.5 Has the College adopted the Choice Based Credit System (CBCS)? If yes, how many programs are covered under the system?

Yes. The college started CBCS from the academic year 2015-16. All UG and PG programmes follow the CBCS.

1.2.6 What percentage of programs offered by the College follows? *Annual system, semester system, trimester system?

- * Annual system :NIL
- * **Semester system: All the programs offered by the institution are under semester system only.**
- * Trimester system : NIL

1.2.7 What is the policy of the College to promote inter-disciplinary programs? Name the programs and what is the outcome?

The college offers interdisciplinary programs based on the Need Assessment. The college verifies that such programs are included in the list of programs specified in AICTE and affiliating University. The 50% of the PG Courses are interdisciplinary. In all UG Courses according to CBCS, approximately 30 to 40% of courses are of other branches.

Outcome of the Interdisciplinary Program/ Course: By offering interdisciplinary program/courses, the interdisciplinary knowledge of the students is enhanced. The students are able to carry out interdisciplinary projects and interdisciplinary research work.

1.3 CURRICULUM ENRICHMENT

1.3.1 How often is the curriculum of the College reviewed for making it socially relevant and/or job-oriented / knowledge intensive and meeting the emerging needs of students and other stakeholders?

The curriculum of the college is reviewed every year for both UG and PG programmes. Annual meeting of Board of Studies and Academic Council ensure the necessary changes. While revising the syllabus, the socially relevant and job-oriented courses/contents are given due importance keeping in view the goals, objectives, vision and mission of the institution. Also, the latest trends, emerging areas, industrial needs and global competition are considered. In addition to the engineering discipline curriculum, the following socially relevant courses like Professional Ethics and Value Engineering, Environmental Science, Principles of Management, Business English, Soft Skills and Personality Development, Logical Reasoning and Quantitative Aptitude, Entrepreneurship Development, Managerial Economics and Financial Analysis, Fundamentals of Budget, Project Management, Essential English & Employability Skills, Business English and Total Quality Management have been included to enhance the interdisciplinary skills, societal awareness and job skills of students and other stakeholders.

1.3.2 How many new programmes have been introduced at UG and PG level during the last four years? Mention details.

No new courses are added.

1.3.3 What are the strategies adopted for revision of the existing programmes? What percentage of courses underwent a major syllabus revision?

- Based on the feedback of the stakeholders and parents, the AGI has introduced courses on Personality Development, Communication Skills, Business Entrepreneurship, and Logical Reasoning and Aptitude.
- A wide range of discussions have been held at the department level with external experts in reviewing and modifying the existing programme contents and courses.
- Considering the existing programme contents and courses (including reference books, online materials of the course) of reputed institutions like IITs, NITs and universities.
- The syllabus of GATE exam is taken into consideration in reviewing the course and syllabus.
- Adopting the guidelines of UGC, AICTE and JNTUH, Hyderabad.
- The suggestions given by the experts from industries and MNC's have been taken into consideration.
- Including new courses which are useful to the students.
- Recommending the deletion of courses which are obsolete in current technical perspective.
- Incorporating the suggestions of Department Advisory Board (DAB).
- Incorporating the suggestions of BoS and Academic Council.
- Incorporating the useful suggestions from the analysis of the feedback from students, alumni and parents.
- Identifying the latest trends in research and technology.

About 40 - 60% of courses in all the departments underwent syllabus revision during the last four years especially after by introduction of CBCS.

1.3.4 What are the value-added courses offered by the College and how does the College ensure that all students have access to them?

The following value-added courses are offered by various departments of the institution:

Value added courses offered in the curriculum

The following are the value-added courses offered in the curriculum and CRT. All students have access to these courses:

1. English Language Communication Skills Lab- I
2. English Language Communication Skills Lab- II
3. Gender Sensitization
4. Logical Reasoning and Quantitative Aptitude-I
5. Logical Reasoning and Quantitative Aptitude-II
6. Environmental Studies
7. Soft Skills and Personality Development
8. Personality Development and Career Building
9. NSS/NSO
10. Entrepreneurship Development.
11. Technical Seminar/Mini Project
12. Creative and Innovative Project
13. Industrial Training

1.3.5 Has the College introduced any higher order skill development programmes in consonance with the national requirements, as outlined by the National Skills Development Corporation and other agencies?

The following skill development courses have been introduced in the institution, as outlined by the National Skill Development Corporation.

Higher order skill development programmes conducted for the students

1. MATLAB
2. Java training
3. C programming
4. Soft Skills Development
5. Oracle Certification Course
6. IBM RFT Certification Course
7. Domestic Wiring for Instrumentation and Control and Electronic and Instrumentation students.

Skill development programmes conducted for outsiders

1. Computer Training for Reddy Lab staff.

2. Computer Training for Local Body Representatives.
3. Computer Training for women of Venkatapur village.
4. Rural Development Program for school students of the region
5. Electrical Skills Program for Polytechnic and School Students.
6. Basics of Computer and Instrumentation for Government Girls Hr. Sec. School, Kariapatti.
7. Life Safety – Awareness on usage of firefighting equipment for transport staff, non-teaching staff and faculty.
8. Computer Networking and Career Guidance for Polytechnic students.
9. Life skills programs for school dropout girls

1.4 FEEDBACK SYSTEM

1.4.1 Does the College have a formal mechanism to obtain feedback from students regarding the curriculum and how is it made use of?

Yes. The College obtains feedback from students through course faculty about the curriculum and other aspects. The consolidated feedback from the students is analyzed in the department level. Based on the feedback of the students, the AGI has introduced courses on Soft Skills and Personality Development, Communication Skills, Business Entrepreneurship, Personality Development and Career Building, Entrepreneurship Development, Logical Reasoning and Aptitude etc. Further, various technical clubs, industry and academia collaborations are introduced.

1.4.2 Does the College elicit feedback on the curriculum from national and international faculty? If yes, specify a few methods adopted to do the same - (conducting webinar, workshop, online forum discussion etc.). Give details of the impact on such feedback.

Yes. The College elicits feedback on the curriculum from national and international faculty. Feedback has also been obtained from eminent members of various committees. The syllabus and curriculum changes that are made by BoS will be sent in advance to university nominee and senior professors of university, academicians from IITs, NITs, central universities, industries and other

representatives. The interactions held with the above eminent personalities and academia will give a lot of inputs to arrive at the final course content and syllabus draft of BoS to meet global and local challenges and needs.

1.4.3 Specify the mechanism through which alumni, employers, industry experts and community give feedback on curriculum enrichment and the extent to which it is made use of.

Feedback from the alumni is obtained during the Alumni Meet conducted every year. Eminent industrialists and scientists form as a part of the college BoS and Academic Council during the Academic Council meeting, the feedback is obtained from them in order to get valuable suggestions for curriculum improvement. Parents meetings are conducted once in a semester for all branches, which facilitate to collect feedback from them. Many students undergo in-plant training in industries, and many companies are visiting the college for on-campus recruitment. This gives an opportunity to gather feedback from them, and the collected feedback is summarized and given due importance during the curriculum revision.

1.4.4 What are the quality sustenance and quality enhancement measures undertaken by the institution in ensuring effective development of the curricula?

The institution has the provision of revising the curricula and syllabus, whenever required. The comments on the curriculum and syllabus received from various stakeholders such as students, alumni, industrialists and also faculty members, members of Academic Council and senior academicians are placed in the BoS meeting of the respective programmes and then in the Academic Council for discussion and approval. Taking into account of the requirements of the various industries, current developments in the fields of science, engineering and technology and the specific needs of the society, new courses are included in the curricula.

The institution also has the provision of elective courses, which can be chosen from the respective programme and also the option of choosing open electives from the open choice electives offered by other branches of engineering, MBA and Humanities.

Quality Sustenance and Quality Enhancement Initiatives

- Curriculum revision of UG/PG courses are made with a focus on employability skills, research orientation, further studies (PG or research) and social orientation component. The curriculum revision is also made in view of GATE and other competitive exams of central and state governments for engineers.
- Introduction of undergraduate and postgraduate programmes in cutting edge areas.
- Introduction of open choice elective system with varying optional providing flexibility to the students to study the subjects of their choice of other disciplines.
- Academic enrichment through add-on certificate programmes.
- Introduction of mandatory courses on communication and aptitude skills courses for enhancing employability skills.
- Updating the knowledge of the faculty through their participation / presentation in seminars / conferences / workshops / publications / training / orientation and Faculty Development Programmes which help in the quality enhancement of the curriculum.
- Faculty members of the college serving as subject experts in Board of Studies in JNT University and other universities and reputed institutions introduce the best practices available in the university and other institutions.
- Introducing extension programmes with social relevance.
- Continuous internal assessment.
- Credit-Based Grade Point average of CBCS.
- Students' feedback.
- Conducting academic audit
- Hands-on training for faculty to equip them with application of new software.

Any additional information regarding Curricular Aspects, which the institution would like to include.

The institution would like to introduce various certification courses.

Criterion - II

Teaching-Learning and Evaluation

CRITERION II: TEACHING-LEARNING AND EVALUATION

2.1 STUDENT ENROLMENT AND PROFILE

2.1.1 How does the College ensure publicity and transparency in the admission process?

The Telangana State Council of Higher Education (TSCHE) offers wide publicity for admission into different institutes in Telangana for UG and PG Programmes in Professional courses like B. Tech, M. Tech, MBA, B. Pharmacy and M. Pharmacy.

1. Publicity

The Anurag Group of Institutions (AGI) is one of the leading technical institutions in Telangana and Andhra Pradesh states, run by The Gayathri Educational and Cultural Trust. It is an autonomous institution affiliated to Jawaharlal Nehru Technological University, Hyderabad (JNTUH), and approved by AICTE. Three UG programmes of the institution are accredited by NBA in TIER-1 and other three programs accreditation status is awaited. The institution was ranked as the 8th best Engineering College in Telangana by “The Week” survey 2016 and also received the Best Engineering College Award by IETE in the year 2012. The Institution also received Top Performing College Award from Computer Society of India (CSI).

The College ensures publicity by the following means:

Brochure:

The institutional brochure gives the complete information about the institution including courses offered, strength of faculty, students and infrastructural facilities available to promote quality technical education. The AGI also prepares separate brochure for each department, since each department has many achievements and activities.

College website:

The college website www.anurag.edu.in has all the details about the milestones of the college, admission norms, courses offered, infrastructure facilities, academic, co-curricular and extra-curricular activities, placement details, research facilities and events conducted by the college.

Newspapers:

Regular advertisements are given in national and regional newspapers on need basis regarding faculty positions, admissions process, and college events such as Graduation Day, College Day, Sports Day, and Cultural Day etc.

Television:

During admission period, advertisements are given about the courses offered, infrastructure facilities, strength of faculty and placement details of the college through regional and local television channels.

FM Radio:

Regularly and at the time of admission, advertisements are broadcast through FM Radio Channels. The College infrastructure facilities, placement details and the details of courses offered are advertised in these channels.

Educational Exhibitions:

The College participates in educational exhibitions conducted by various newspapers for the benefit of the students who have completed their Higher Secondary School Education. The salient features of the college are exhibited through stalls, pamphlets and brochures.

Buses:

There are about 40 buses of the institution plying across the city and also to the surrounding villages from the college, and these institutional vehicles give wide publicity about the college. During the period of admissions, and, at the time of College functions, advertisements are given through advertisement boards at the rear side of the bus.

Transparency in the admission process:

The admission process is very transparent, and it is completely under the control of the State Council of Higher Education, Government of Telangana state. Government quota seats are filled through single window admission system conducted by TEAMCET, and the management quota seats are filled on merit basis through advertisements.

- 2.1.2 Explain in detail the process of admission put in place for UG, PG and Ph.D. programmes by the college. Explain the criteria for admission (Ex. (i) merit, (ii) merit with entrance test, (iii) merit, entrance test and interview, (iv) common test conducted by state agencies and national agencies (v) others followed by the College?**

UG Programmes		PG Programmes
Category-A (70%)	ECET Lateral Entry	
<p>First year Engineering Admission to the students of the state and other states:</p> <p>The admission to the first year B.Tech course is based on merit, as per the Telangana State Government norms as given below:</p> <ul style="list-style-type: none"> • They should have passed in Intermediate Exam (10+2) with Mathematics, Physics and Chemistry group or its equivalent or any other examination of any other University or Authority accepted by the Syndicate of the Universities/Directorate of Technical Education, as equivalent. • The candidates should qualify in the EAMCET common entrance conducted by the State Govt. • The Govt. conducts counseling in which the students will give online or e-options of branches and colleges. Based on e-options of the students, merit and reservation category, the seats are allocated. The students give options through online mechanism. This eliminates any chance of favoritism 	<p>Admission to the third semester of B. Tech programme, for the students of the state and other states are based on merit, as per the Telangana State Govt. norms as given below:</p> <ul style="list-style-type: none"> • The candidates should pass the Diploma in Engineering/Technology awarded by the State Board of Technical Education or its equivalent. • The candidates should qualify in the Engineering Common Entrance Test (ECET) conducted by the State Govt. • The Govt. conducts counseling in which the students will give online or e-options of branches and colleges. Based on e-options of the students and merit and reservation category, the seats are allocated 2% of the strength. The students give options through online mechanism. This eliminates any chance of favoritism. No category-B seats in this process. 	<p>Candidates seeking admission to the 1st semester of the M.Tech programme shall be required to have the following qualifications:</p> <ul style="list-style-type: none"> • They should have passed an appropriate degree examination recognized by the university, as specified under eligible qualification for admission or any appropriate degree accepted by the university/Directorate of Technical Education, as equivalent thereto. • The admission to the 1st year M.Tech courses is based on merit rank secured in PGECET conducted by the State Govt.
Category-B (30%)		Category-B (30%)
<p>A maximum of 30% of the seats are filled by the management. The seats under management quota are filled through the advertisement and on merit basis as per rules and regulations prescribed by the Government of Telangana.</p>	<p>NA</p>	<p>A maximum of 30% of the seats are filled by the management. The seats under management quota are filled through the advertisement and on merit basis as per rules and regulations prescribed by the Govt.</p>

2.1.3 Does the College have a mechanism to review its admission process and student profiles annually? If yes, what is the outcome of such an analysis and how has it contributed to the improvement of the process?

Yes, the institute has a mechanism to review its admission process and student profiles annually. The admission section prepares the best and the last ranks of the students admitted in various programmes under various categories such as ST, SC, OBC, General, Male, and Female to keep track of the priority or favorability of given programme among the students.

The necessary measures taken are:

- Focus on Campus Placements.
- More Co-Curricular and Extracurricular activities.
- Concentrate on Outcome Based Learning and Evaluation.

Outcome:

1. Best students are admitted.
2. More than 95% admissions.
3. It is an indicator of the students' preference of the institute over others in this region. The steps that need to be taken will further improve our position.

2.1.4 What are the strategies adopted to increase / improve access to students belonging to the following categories

- * **SC/ST**
- * **OBC**
- * **Women**
- * **Different categories of persons with disabilities**
- * **Economically weaker sections**
- * **Outstanding achievers in sports and extracurricular activities**

SC/ST: The institution ensures that there is no social discrimination among students. The students are provided necessary information and assistance to apply for SC/ST Scholarship.

OBC: The Government reservation policy that prevails at the time of admission is followed. The students are provided with necessary information and assistance to apply for BC/EBC scholarship.

Women: The College has about 30% girl students and they are admitted through women reservation category or open category. Equal opportunities are given to all girl students and they compete in all areas of curricular, co-curricular and extra-curricular activities. A course on

Gender Sensitization is introduced from last academic year, and the course deals with the gender problems, issues and how to resolve them. This helps boy students understand the problems of women in colleges, and at working places. The discipline inside the campus as well as the transport facility provided by the college attracts more number of girl students.

Different categories of persons with disabilities: Necessary facilities such as ramps, lifts, and ground floor class rooms are provided in the college for the disabled students.

Economically weaker sections: The College also arranges for various scholarships to cater to the needs of economically weaker students. Fee concession is offered to the students from economically weaker sections by the state government/management.

Outstanding achievers in sports and extra-curricular activities: The outstanding achievers in sports and extra-curricular activities are awarded certificates, medals and cash prizes.

Remedial Classes are conducted for slow learners.

2.1.5 Furnish the number of students admitted in the College in the last four Academic years.

Table 2.1.5: The Number of UG and PG students admitted.

NUMBER OF UG STUDENTS ADMITTED								
Categories	2015-16		2014-15		2013-14		2012-13	
	*M	*F	*M	*F	*M	*F	*M	*F
SC	85	24	97	32	81	36	88	31
ST	38	16	48	18	57	16	37	16
OBC	360	115	412	172	387	165	310	119
General	318	134	306	157	224	128	234	122
Sub Total	801	289	863	379	749	345	669	288
Total UG students	1090		1242		1094		957	
NUMBER OF PG STUDENTS ADMITTED								
Categories	2015-16		2014-15		2013-14		2012-13	
	*F	*M	*F	*M	*F	*F	*M	*F
SC	2	10	9	10	16	11	31	11
ST	6	1	6	1	12	1	14	3
OBC	39	31	50	44	97	48	71	45
General	14	27	22	20	42	54	31	26
Sub Total	61	79	87	75	167	114	147	85
Total PG students	140		162		281		232	

* M-Male *F- Female

TOTAL NUMBER OF STUDENTS ADMITTED

Categories	2015-16	2014-15	2013-14	2012-13
UG Students	1090	1242	1094	957
PG Students	140	162	281	232
TOTAL Students	1230	1404	1375	1189

2.1.6 Has the College conducted any analysis of demand ratio for the various programmes offered by the College? If so, indicate significant trends explaining the reasons for increase or decrease.

The institution has conducted a straightforward approach to measure the demand for UG and PG programmes based on the merit of the students who are admitted. The merit is measured based on their TSEAMCET rank. Year by year, the lower ranks of students are joining in the AGI and this indicates the increasing number of meritorious students preferring the institution. Further, the most of the engineering colleges (more than 95%) are facing lack of admissions; the AGI is progressing extremely well with more number of meritorious students joining year after year. Last year the AGI has increased its intake of IT branch from 60 to 120, Civil Engineering branch from 120 to 180 and these seats are completely filled in the first counseling itself. The reason for this significant demand for the AGI by students is basically its strength and potential in terms of infrastructure, committed and dedicated teaching and non-teaching staff, curriculum, administration, vision of management, discipline, campus placements, extracurricular activities, various certification courses etc.

Table 2.1.6A: Demand ratio of UG programs for the academic year 2016-17

Programme	Number of applications	Number of students sanctioned vs admitted	Demand ratio
CSE	Since the applications are processed by the State Council for Higher Education of the State Government, the number of applications received are not known but allotted seats are 100% filled	240 / 240	100
CIVIL		180 / 172	95.55
ECE		240 / 240	100
MECH		240 / 219	91.25
EEE		120 / 114	95
IT		120 / 120	100
CHEMICAL		60 / 39	65
B. PHARMCY		100 / 89	89

Table 2.1.6B: Demand ratio of PG programs for the Academic year 2016-17

Programme: M.Tech		Number of applications	Number of students sanctioned vs admitted	Demand ratio
CSE	CSE	Since the applications are processed by the State Council for Higher Education of the State Government, the number of applications	72/36	50.00
	CS		18/05	27.7
	SE		0	0
CIVIL	Structural Engineering		48/48	100
	Construction		0	0

	management	received are not known but allotted seats are 100% filled		
ECE	VLSI		72/20	27.77
	ES		42/17	40.47
MECH	Machine Design		24/11	46.00
EEE	PEED		36/13	36.11
	EPS		18/09	50.00
M.Pharmacy	Pharmaceutics		36/19	52.77
	Pharmacology		18/04	22.22
	Industrial Pharmacy		24/04	16.66
Pharma.D	PB		10/05	50.00
M.B.A		120/68	56.66	

2.1.7 Was there an instance of the College discontinuing a programme during Last four years? If yes, indicate the reasons.

Yes.

Table 2.1.7: The instance of the College discontinuing a programme during Last four years.

Course	Year of establishment	Year of discontinue	Reasons for discontinue
CSE:M.Tech(CNIS)	2013	2015	No admissions due to Low job potential
CSE: M.Tech(SE)	2009	2016	
Civil:M.Tech(Construction Management)	2014	2016	
ECE: M.Tech(WMC)	2013	2015	
ECE: M.Tech(ECE)	2011	2015	
M. Pharmacy: (Regulatory affairs)	2013	2014	
M.Pharmacy: (Hospital & Clinical Pharmacy)	2012	2013	

2.2 CATERING TO STUDENT DIVERSITY

2.2.1 Does the college organize orientation / induction programme for freshers? If yes, give details of the duration of programme, issues covered, experts involved and mechanism for using the feedback in subsequent years.

The college conducts induction programme on the first day for the first year students. In the morning session the Chairman, the Director and the Deans will address all the students and their parents/guardians. In the afternoon the freshers and their parents/guardians are invited to the respective departments' seminar hall where the Heads of the Departments and senior professors address them. The college organizes the orientation programme for freshers for a period of one week. This orientation programme also provides awareness to the students about the facilities, infrastructure, Choice Based Credit System

(CBCS) with its grading system, academic regulations of the college, how to participate in various certification programmes, how to obtain bus passes, library facilities and scholarship forms etc.

Issues Covered

Motivational talks are given by experts to make the students realize the importance of professional courses and their responsibility to pursue it successfully. The difference between intermediate (10+2) system and the professional education model is explained to the students.

Academic details related to the vision and mission of the institute and department, programmes such as credits, evaluation procedures and milestones of the departments, and scope of the programmes are briefed in detail by the Heads and Senior Professors of the respective departments. Freshers are taken in batches guided by faculty members to the department labs/ workshops and library to show all the facilities available.

Interactive programmes are conducted which include goal setting, communication skills, team building and positive attitude.

Table 2.2.1: Experts Involved in the Programmes

S.No	Seminar/ Workshop /Special Lecture	Title of the Programme	Name & Designation of External Experts	Date of the Programme
1	Seminar for First year Students	Communication Skills	Prof. Sumita Roy, Dept. of English, OU	16 th July, 2012
2	Seminar for the first year Students	How to Build Successful Career	Mr. Anil Nair, Motivational Trainer	11 th Dec, 2013
3	Seminar for the first year Students	How to become a good professional?	Dr. U. Balaji, Motivational Trainer	9 th Dec, 2013
4	Workshop for the first year Students	Interview Skills	Mr. Sumanth Palepu, General Manager, Conduira	23 rd Aug, 2014
5	Seminar for the third year Students	How to build successful Career	Ms. K.Lalitha (TCS) Team Lead	26 th Feb, 2014
6	Seminar for the third year Students	Interview Skills	Mr. Bhargav, Motivational Trainer	24 th Feb, 2014
7	Workshop for the first year Students	Teenage Emotions-Empowerment	Dr.C.Veerender Softskills Trainer	14 th Oct, 2014
8	Seminar for the first year Students	Personality Development and Need for Professional Communication	Prof. M.L. Sai Kumar , Coordinator Institute of Public Enterprise, Shamirpet, Hyderabad	17 th Mar, 2015
9	Seminar for the first year Students	Career Prospects in CSE and IT fields	Dr.V. Vijaya Kumar, Dean CSE & IT	5 th May, 2015

10	Special Lecture	Applications of Differential Equations	Dr. B.Shankar, Professor Department of Mathematics, Osmania University.	22 nd Feb, 2016
11	Special Lecture	Tower of Hanai	Dr.K.Satyanarayana, Professor Department of Mathematics, Osmania University.	February 23, 2016
12	Special Lecture	Applications of Differential Equations in Engineering	Dr. A.Ramu, Professor Department of Mathematics, BITS, HYD.	24 th Feb, 2016
13	Special Lecture	The Wonderful world of Differential Equations	Dr.Ch.Rami Reddy, Professor Department of Mathematics, NITW.	27 th Feb, 2016
14	Special Lecture	Applications of Ordinary Differential Equations in Engineering	Dr. M A Srinivas, Professor, Department of Mathematics, JNTU Hyderabad.	12 th Feb, 2015
15	Special Lecture	An Approach to different Engineering applications with Numerical Techniques	Dr. A.Ramu, Professor Department of Mathematics, BITS, HYD.	19 th Feb, 2015

2.2.2 Does the College have a mechanism through which the “differential requirements of student population” are analyzed after admission and before the commencement of classes? If so, how are the key issues identified and addressed?

Students entering into the college have studied in different school educational streams such as State Board (vernacular and English medium), CBSE and ICSE which ultimately lead to the varied knowledge levels in the key subjects. Further, the students will join in this institute from various backgrounds, and from various locations like rural, semi-rural, semi urban and cities. The differential requirements of student population are identified during the one week orientation programme. To bridge the social and knowledge gap among the students, the institute organizes various programmes in the form of guest lectures /seminars/talks for first year students.

The key issues identified are:

- Lack of communication skills among the students (especially from rural background and Telugu and other language medium schools)
- Lack of problem solving skills
- Lack of expressive skills
- Lack of programming skills

- Lack of logical and quantitative aptitude skills.

As a result of all these, there are chances for some of the students to feel inferior to others. The following remedial measures are taken to address the above mentioned issues:

- Within a month after commencement of regular classes, “Freshers’ Day” is celebrated, where many of events are conducted to the first year students exclusively by the second year students under the supervision of faculty, and the prizes are given to accustom them to the new environment; alleviate their inhibition; enable them to mingle with seniors without fear; and to have good association. Special trainings at the language lab are imparted for improving their communication skills.
- Training classes are conducted in basic computer programming languages for students from non-computer science background in school education.
- Special coaching classes on basic Mathematics are conducted for vocational stream students.
- Bridge courses are conducted for slow learners among the first year students and also for all lateral entry students who are admitted in the second year.

2.2.3 Does the College provide bridge /Remedial /add - on courses? If yes, how are they structured into the time table? Give details of the courses offered, department-wise/faculty-wise?

Yes, the college provides bridge course, remedial course and add-on courses.

- **Bridge course** is conducted for slow learners among the first year students, and also for all lateral entry students who are admitted in the second year. Bridge courses are being conducted for two weeks in Maths, Physics, Chemistry, Computer programming and in other courses, as per the requirement before the commencement of classes.
- **Remedial Courses** are conducted regularly for the slow learners course-wise, and it is usually conducted in seminar/library/sports hours by the respective faculty.
- **Add-On Courses** are conducted by every department throughout the programme.
- A detailed list of bridge courses is given below:

Table 2.2.3: List of the Bridge courses conducted.

Academic Year	Details of Course organized	Semester / Year
2015-16	Basic Concepts of Mathematics, English, Physics, Chemistry	All I Year B.E. / B.Tech Students
	Basics of Physics and Chemistry	Vocational students of all sections of I year B.E. / B.Tech students
	Fundamentals of Chemistry	I Year B.E. / B.Tech. students
2014-15	Basic Concepts of Mathematics, English, Physics, Chemistry	All I Year B.E. / B.Tech Students
	Basics of Physics and Chemistry	Vocational students of all sections of I year students
	Fundamentals of Chemistry	I Year B.E. / B.Tech. students
2013-14	Basic Concepts of Mathematics, English, Physics, Chemistry	All I Year B.E. / B.Tech Students
	Basics of Physics and Chemistry	Vocational students of all sections of I year students
	Fundamentals of Chemistry	I Year B.E. / B.Tech. students
2012-13	Basic Concepts of Mathematics, English, Physics, Chemistry	All I Year B.E. / B.Tech Students
	Basics of Physics and Chemistry	Vocational students of all sections of I year students
	Fundamentals of Chemistry	I Year B.E. / B.Tech students

2.2.4 Has the College conducted a study on the incremental academic growth of different categories of students; - student from disadvantaged sections of society, economically disadvantaged, physically challenged and slow learners etc.? If yes, give details on how the study has helped the College to improve the performance of these students.

Yes, the college follows systematic procedures to study the incremental academic growth of different categories of students.

- Performance of the students is monitored through the conduct of periodical tests, seminars, assignments and academic interactions.
- The analysis of periodical test marks of students is done by the faculty advisor.
- Slow learners are identified and counseled by the mentor and the Heads of the Departments on need basis.
- Students having personal or psychological problems are counseled by the counselor of the college.

- Special coaching classes are handled by the faculty to improve the performance of slow learners, where the students can interact comfortably with the faculty to clarify their doubts.
- Students also have the provision for working in the laboratories after regular working hours.
- Question bank, tutorial questions, course material and university/ autonomous old question papers are provided to the slow learners for easy learning.
- Parents are regularly informed about their wards performance (test) and activities in the college through letters, SMS and through telephonic calls.
- Assistance is provided to the physically challenged students and disadvantaged sections of society to get government scholarships and merit-cum-mean scholarship by the management.
- Economically weaker students are permitted to pay their tuition fee in installments.
- The management provides fee concession for selected economically weaker students.
- The economically disadvantaged students are facilitated to avail scholarships such as
 1. SC/ST Scholarship
 2. BC/MBC/DNC-Scholarship
 3. Minority Scholarship
 4. Telangana State Government fee waiver scheme for graduates
 5. SC/ST book bank

This has helped to achieve incremental academic growth of these students in continuous assessment tests and semester-end examinations. It is evident from the pass percentage and university ranks secured and higher graduation percentage every year.

2.2.5 How does the institution identify and respond to the learning needs of advanced learners?

Advanced learners are identified through the following:

- Academic achievements in curricular activities
- Active participation in regular theory and practical classes and performance in internal exams.
- Participation in various industry and academic collaborations
- Active participation in professional chapters of the department
- Participation and winning prizes in co-curricular and extracurricular activities conducted inside and outside the college

- Proposing innovative ideas in assignment preparations and project contests

The advanced learners are encouraged through the following initiatives:

- To participate in more number of paper presentations, symposiums, conferences, mini-project exhibitions and My Innovative Business Plan competitions.
- More preference is given to them to participate in programs like Microsoft Innovation Center, Infosys Campus Connect Program, Oracle Academy, IBM SEED Program, MARK (Mecharriors Automobile & Robotics klub) program.
- Guided to get internship training with leading industries.
- Involved in consultancy and R&D work undertaken by the concerned departments.
- Facilitated by providing more number of value added courses, certificate courses by national and international agencies.
- More than 500 certifications are achieved by our active learner students from ORACLE, MICROSOFT and other top notch organizations.
- More than 1600 free source certifications are achieved by our active learners.
- Motivated to take up competitive exams like GATE, GRE and TOEFL.
- Facilitated to borrow more number of books from central and department libraries
- Self-learning courses are provided for advanced learners, and the digital library is provided with NPTEL and other courseware.
- Advanced learners are given merit awards by the management to encourage them in their studies, and the details of merit awards are presented herewith.
- Encouraged in participating and leading professional body activities.

2.2.6 How does the institution cater to the needs of differently-abled students and ensure adherence to government policies in this regard?

- All the buildings are provided with lift and ramp facility for easy mobility
- Class rooms and examinations halls are arranged in ground floor
- 24-hour in-house medical facility with ambulance service is available in case of emergency.
- Toilets are provided with extra facilities for physically challenged students.

2.3 TEACHING-LEARNING PROCESS

2.3.1 How does the College plan and organize the teaching, learning and evaluation schedules? (Academic calendar, teaching plan and evaluation blue print, etc.)

The Academic Calendar is prepared under the guidance of the Director in consultation with the various Deans, Heads of the Department and the Controller of Examinations. The Academic Calendar consists of a detailed academic plan, including the dates of commencement of classes, schedule of internal assessment tests, assignment submission dates, academic events, number of working days, last working day, list of holidays etc. The same will be circulated to the students and staff at the time of commencement of the semester. The plan for teaching begins by circulating the subject names of the next semester well in advance (at least one month) by the Head of the Department. By this the teachers are given options to select their own choice of courses to teach. A subject allocation meeting will be held immediately to finalize the subject allocation to the staff in a transparent manner and also based on their competence and interest. The same course will be taught to different sections of the same branch and also to different branches. To have co-ordination, and to have information exchange on teaching process, one of the faculties is nominated as Course Co-coordinator by the Head of the Department. The faculty members have enough time to prepare their own teaching plan, which contains the topic-wise coverage details including the mode of delivery of the course material. The HOD monitors and approves the teaching plan.

For all theory courses, the continuous internal assessment consists of two tests and assignment. Two internal assessment tests are conducted in each semester as scheduled in the Academic Calendar. The question paper pattern in practice is furnished below. Part-A consisting of 1 mark each (5 marks) and part- B contains 3 questions with 5 marks each (15 marks) are included w.e.f. 2012 academic regulations onwards to improve the cognitive skills of the students. The performance of a student in each semester is evaluated course-wise. From the academic year 2015 onwards the institute is offering CBCS system for all courses and Cumulative Grade Point Average (CGPA) grading is introduced as specified by UGC/AICTE.

2.3.2 Does the College provide course outlines and course schedules prior to the commencement of the academic session? If yes, how is the effectiveness of the process ensured?

Yes. A detailed plan of course delivery is prepared by the faculty members before commencement of class work.

The subjects are allotted to the faculty at least one month before the commencement of the semester, so that during examination and semester break time, the faculty can prepare, plan on his/her course of work.

Course teachers prepare Instructional System Design for each course which contains the following: Syllabus, Objectives, Course Outcomes, Unit/Topic-Wise Coverage Schedule, Mode of Delivery, Innovative Teaching Methods to be employed, Concept Mapping, Mapping of Programme Educational Objectives with relevant Programme Outcomes and Course Outcomes.

2.3.3 What are the courses, which predominantly follow the lecture method? Apart from classroom interactions, what are the other methods of learning experiences provided to students?

Invariably, all theory courses follow the lecture method. The faculty members use chalk and black board mode, and also power point presentations to enrich the lectures. In addition, the faculty members adopt the following methods for improved learning: Tutorials, Activity Based Learning, Self-study, Assignments, Seminars/ Workshops, Presentations/ Group discussions, Project Work, Field Work / Industrial Visit, Peer Instructions, NPTEL Videos and On-Line material, E-Books etc.

2.3.4 How is 'learning' made more student-centric? Give a list of participatory learning activities adopted by the faculty that contribute to holistic development and improved student learning, besides facilitating life-long learning and knowledge management.

Student-centric learning is characterized by innovative teaching methods in which students are active participants. It aims at fostering transferable skills such as problem-solving, critical thinking and reflective thinking through communication with teachers and fellow students. Apart from curricular activities, several student-centric programmes are planned and implemented for holistic development of students. Activities such as various Professional body activities, Certification Programmes cultural fest, paper presentation contests, technical quizzes, inter-institution competitions, sports and games, college day celebrations, departmental association activities, special social-service camps, various club activities, yoga & meditation etc. are organized during the academic year in order to cultivate life skills and managerial skills.

2.3.5 What is the College policy on inviting experts / people of eminence to provide lectures / seminars for students?

Every department is encouraged to invite experts from R&D organizations, premier institutes (National & International), industries, and training institutes to supplement teaching and learning process. Student Professional bodies Associations arrange technical talks on various subjects in association with professional societies.

**2.3.6 What are the latest technologies and facilities used by the faculty for effective teaching?
Ex: Virtual laboratories, e-learning, open educational resources, mobile education, etc.**

The institution encourages the faculty members to employ latest technologies for effective teaching. ICT enabled class rooms facilitated with LCD projectors and Internet access are provided in each department to supplement the conventional black board teaching method. The teaching staff is encouraged and motivated to go through the video lecturers on the subjects they are teaching through NPTEL and also from the internationally reputed universities websites. The college provides high-speed internet connectivity to the students for quick access to educational resources. The faculty also advises the students to go through the video lectures of the course they are teaching, which are very popular and interesting on web by providing links.

- NPTEL and other open courseware are made available to the students. Students are encouraged to enroll in various courses under MOOC (Massive Open Online Course).
- Students and staff are encouraged to enroll in various online courses through Virtual Learning Environment under Academic Resource Center of IIT Bombay.
- Virtual lab facilities are provided for learning C, C++ and Java programming and other courses.

2.3.7 Is there a provision for the services of counselors / mentors/ advisors for each class or group of students for academic, personal and psycho-socio guidance? If yes, give details of the process and the number of students who have benefitted.

Yes, there is provision for the services of counselor and mentors/ advisors for each class or group of students for academic, personal and psycho social guidance. An Advisor/mentor is appointed for every group of 15-20 students who is responsible for their academic and personal well-being. The Advisor's maintain a Proctor Diary for each student from the first semester, which contains the personal details of the students, including his interests in academic, non-academic and co-curricular activities. The diaries are reviewed to analyze their family, financial and educational backgrounds, and to identify the sort of assistance needed by them. The diary is periodically updated with internal assessment test

marks, university examination performance details and other details. The proctors periodically interact with their wards to discuss personal/academic issues. They provide the required counseling and directions to the students to resolve them. The proctors also determine the need for special counseling and recommends for external counseling through the professional counselor who periodically visits the college. Special attention is paid to the students from rural areas, Telugu medium and different social status. The Head and counselors counsel the students personally and provide psycho social guidance to the students, assuring their academic progress and personal well-being. The details of the number of students benefited through external counseling are furnished in the following table.

Table 2.3.7: Number of Students Benefited out of Counseling

Department	2012- 13	2013-14	2014-15	2015-16
CSE	10	24	3	9
IT	40	20	167	168
Civil	20	12	9	12
ECE	22	16	67	83
EEE	16	22	202	288
ME	124	128	485	325
MBA	32	38	46	50
B.Pharm	20	14	26	20
Chemical	25	28	30	25

2.3.8 Are there any innovative teaching approaches/methods/ practices adopted/put to use by the faculty during the last four years? If yes, did they improve the learning? What methods were used to evaluate the impact of such practices? What are the efforts made by the institution in giving the faculty due recognition for innovation in teaching?

Yes. Suitable innovative teaching methodologies are followed by the faculty members to ensure the attainment of learning objectives.

Innovative teaching approaches

Innovative teaching methodologies are employed from the first year classes onwards. These techniques kindle the spirit of the students, and invite their attention as they are quite different and interesting compared to conventional teaching methods. The commonly practiced methods are: Mind Mapping, Interactive Teaching, Activity Based Learning, Peer Learning, Webinars, Presentation of Class Summary, Technical Quiz and Model Creation.

In addition to the above, the following active learning techniques are also adopted Visualizations, NPTL Lectures, MOOCS, and Video Lectures.

Impact of innovative practices in teaching and learning process:

- i. Enhancement of technical and life skills.
- ii. Improvement in placements.
- iii. Increase in understanding level of the subject.
- iv. Students are oriented towards innovative projects.

Improvement in Learning

Improvement and self-satisfaction of the students is evident through feedback and also mainly through the performance in the examinations. The NPTL Lectures, MOOC Courses, Certification Programmes and other Video Lectures are improving the self-learning ability of the students and the attainment of higher order cognitive skills. Students exhibit their interest in participating in National /International Level Technical Contests by receiving prizes/awards.

Methods to evaluate impact of innovative practices

The effectiveness of the innovative practices is evaluated as below:

- Student's feedback on the teacher and teaching methodology adopted.
- Student performance in internal assessment tests, assignments, seminars, regular viva-voce in labs, university examinations, technical contests etc.
- Placements record, employer feedback on the skills of the alumni etc.

Faculty Encouragement

- Faculty members are encouraged to attend external training programmes on improving pedagogy skills conducted in IIT Remote Centers. The faculty members actively participate in these programmes, and gain exposure to instructional design, innovative teaching methodologies, evaluation strategies etc.
- The participants in turn train the other faculty members in these aspects.
- The faculty members have the freedom to choose appropriate teaching methods.
- Workshops are conducted in the institute for the faculty of AGI and faculty of other institutes to improvise their subjective, teaching skills, and to motivate them to adopt the new innovative methods of teaching.
- The institution facilitates self-learning through spoken tutorials.
- Faculty members are encouraged to attend the training and certification on various programs like IIT-Bombay, spoken tutorials program etc.
- Pedagogy training and innovations have due weightages in faculty appraisal.

2.3.9 How does the College create a culture of instilling and nurturing creativity and scientific temper among the learners?

Students are encouraged to participate in workshops/ symposia/ seminars/ conferences/ cultural events/ Sport events etc. Students are encouraged to participate in various certificate programs conducted by the leading industries and so far more than 2000 students did certification programs and it is generating good placements, and also aid when the students opt for MS programs in USA. The students are developing Apps through Android club. Invariably, every department periodically hosts technical symposia in which the students actively organize the events. As an organizer, each student sharpens the professional skills, and gets an avenue to showcase their capabilities such as planning, crisis management, team building event and people management skills.

The students are provided additional placement training on Communication and Interview Skills, Analytical, Logical, Quantative Skills and Technical Skills by Training and Placement Cell to help them in getting Campus Placements and in other competitive exams. The faculty constantly introduces major technological breakthrough of their subject and branch to the students enabling them to learn the incremental state-of-the-art developments. It helps the students to evolve as responsible engineers with ethical considerations for global community.

Exposure to industry relevant standards and practices is given, enabling the students to develop their technical know-how to be industry ready. Value Added Courses are offered by the institution in collaboration with industries and other experts from academia.

2.3.10 Does the College consider student projects a mandatory part of the learning programme? If so, for how many programmes is it made mandatory?

- * **Number of projects executed within the College**
- * **Names of external institutions associated with the College for student project work**
- * **Role of the faculty in facilitating such projects**

Yes, the college considers student projects as mandatory part of the learning for all the UG and PG programmes.

- The UG students carryout their mini project during the summer vacation after the 6th semester and major-project in the 8th semester.
- The mini and major UG projects are carried out in groups (maximum three to four students per batch).

- A senior faculty is nominated as a project coordinator for mini and major projects, in each department who is responsible for scheduling the project reviews in consultation with the HoD and faculty members.
- The mini projects are evaluated by the Project Review Committee (PRC), in the 7th semester, based on seminar, the project report, and the work carried out by the students. The mini projects are mostly done at industries.
- The major project is also periodically reviewed by the PRC. The project reviews are done for internal assessment, and students present the progress of their projects during the review. In this review the PRC gives various suggestions to the students on how to carry out the remaining part of the project work, documentation, the books or journals to be reviewed etc..
- The PRC consists of senior faculty and a guide. The HoD acts as the chairman for PRC. The project seminars will be given periodically in front of all the students. The students are encouraged to ask questions, which in turn will be clarified by the students who are working on the project.
- The major projects are also evaluated by an external from the university or other colleges appointed by the Director or university.



Fig: working model of a project.

The PG students undertake their Phase I and Phase II of the project work in the 3rd and 4th semesters respectively.

- PG students carry out their projects individually.

- A senior faculty is nominated as a project coordinator for PG projects, in each department who is responsible for scheduling the project reviews in consultation with the HoD and faculty members.
- The PRC will be constituted, and in its review the PRC gives various suggestions to the students on how to carry out the remaining part of the project work, documentation, the books or journals to be reviewed etc.
- The PRC consists of senior faculty and a guide. The HoD acts as the chairman for PRC. The project seminars will be given periodically in front of all the students. The students are encouraged to ask questions, which in turn will be clarified by the students who are working on the project.
- The PG students should publish at least one paper in any of the leading or peer reviewed journals or in International/ National Conferences before submitting his/her thesis. Nearly 90% of the projects are carried out in the institution. The students also do their projects in industry.

The department-wise details of project work undertaken by the students are given in the table:

Table No: 2.3.10A: Number of projects executed within the institute.

Department	2012-13		2013-14		2014-15		2015-16	
	UG Projects	PG Projects	UG Projects	PG Projects	UG Projects	PG Projects	UG Projects	PG Projects
CSE	8	0	12	0	20	24	32	36
IT	17	0	20	0	16	0	15	0
Civil	63	0	66	10	66	18	68	0
ECE	33	25	46	41	68	48	92	37
EEE	37	27	36	27	27	26	27	39
ME	17	4	14	6	24	9	47	6
MBA	0	0	0	0	0	0	0	1
B.Pharm	0	112	18	142	16	52	15	18
Chemical	56	0	62	0	52	0	39	0

Table 2.3.10B: Names of External institutions associated with the college for project work are given below.

Department	External institutions/ industries associated with the college for project work
CSE	MICROSOFT, ORACLE, TCS, COGIN TECH, CMC, EXCERS, OSMOSYS
IT	TCS, EXCERS, CMC, OSMOSYS, CYIENT, INFOSIS, EMERGENT IT, NIC, DRDL, ECIL, SC RLY
ECE	ECIL, BHEL, BSNL, DLRL. DRDL, RCI , ANANTH TECHNOLOGIES
Chemical	Dr. REDDY'S , IICT- HYD, NFC, SPARKVEE LTD, PRABHAVA ORGANICS , ENFAB LTD.
ME	BHEL, DRDO, DRDL, BEL, NFC, BDL, BEN CON WAYORS, COMPACT, RANI ENGINE VALVES, Singareni, BYNATECH, Vizag Steel Plant, Railway Wagon
Pharmacy	Dr. Reddy's Laboratories , Celestial Laboratories, Virchau Technologies
MBA	Angel broking, Sharakhan, HDFC

Role of the faculty in facilitating the projects

- Each faculty is assigned project batches based on the area of specialization and interest.
- The faculty member acts as a supervisor to monitor the project work.
- Facilities to carry out the project are provided by the department.
- Faculty members help the students to choose a problem in their area of interest.
- The project supervisors and PRC help the students in structuring the project reports and evaluating them.
- Faculty members also interact with industries and other organizations to utilize their facilities.
- The project supervisors guide the batches through constant interactions and reviews throughout the course of the project.
- A senior faculty is nominated as a project coordinator in each department who is responsible for scheduling the project reviews in consultation with the HoD and faculty members.
- The PRC review the projects periodically to evaluate the project status to ensure the timely completion of the project.

2.3.11 What efforts are made to facilitate the faculty in learning / handling computer-aided teaching/ learning materials? What are the facilities available in the College for such efforts?

Faculty members are trained to adopt ICT based teaching methodologies. The following facilities and materials are made available for the faculty to enhance computer-aided teaching/learning materials:

All the classrooms and seminar halls are equipped with LCD and internet facility.

- Desktops / laptops are provided to the departments.
- Internet through LAN and is available on entire campus to access Wi-Fi connectivity / e-resources/ Journals/ online sources etc.
- The Institute library subscribes e-Journals of ASME, IEEE, Springer, e-books Services and UGC-INFONET Digital Library Consortium.
- All the e-resources can be accessed through Digital Library.
- Laboratories are equipped with updated softwares.
- Various workshops and training programmes are conducted on computer-aided teaching and learning methods.
- ICT enabled class rooms are provided.

2.3.12 Does the College have a mechanism for evaluation of teachers by the students / alumni? If yes, how is the evaluation used in achieving qualitative improvement in the teaching-learning process?

Yes, the college has a mechanism for evaluation of teachers. The feedback is collected from the students twice in a semester on each course. The feedback helps to appraise a faculty on various parameters and helps to determine the degree of enhancement required for various parameters. The performance of the faculty is evaluated with this feedback in various aspects such as punctuality, completion of the syllabus, effectiveness in teaching etc., on a five point scale. The feedback helps in the assessment of faculty strengths and weaknesses and improves the quality of teaching-learning process. The HoD and senior professors counsel the faculty members to improve the areas that need improvement.

An informal mid-semester feedback is collected from the students in the middle of each semester for each course. It helps to assess the coverage of syllabus, and identify the difficulties in learning. The mid-semester feedback helps to refine the teaching-learning process in the middle of the semester. The effectiveness of this process is evident from the subsequent internal assessment results.

All departments keep Alumni in advisory board of all Professional bodies and BoS. This helps the students, staff and the department to work with Alumni Students, who are working in leading MNC's and Institutions. The oral feedback and suggestions of Alumni are implemented. Alumni survey is a feedback mechanism designed to evaluate the contributions of the institution as a whole in the perspective of academic, career and personal development of a student.

2.3.13 Does the institution face any challenges in completing the curriculum within the planned time frame and calendar? If yes elaborate on the challenges encountered and the institutional approaches to overcome these.

No, the institution has not encountered any difficulties in completing the curriculum, as all the faculty members complete the syllabus on time. Prior planning, and strict execution of the academic calendar, preparation of lesson plan, time table, feedback mechanism, class adjustments by the faculty when they go on leave, periodical oral and written feedback mechanism on syllabus completion, and method of teaching; internal assignment mechanism, unit tests ensure the timely completion of the curriculum.

Further, the academic leadership and HoDs constantly monitor the syllabus completion, method of teaching right from the commencement of the semester.

2.3.14 How are library resources used to augment the teaching-learning process?

The institution has a well-stocked central library and a separate library for first year students, and further each department is equipped with departmental library. These libraries are facilitated with books, magazines, journals, e-learning materials, CDs/DVDs, project reports etc., to augment the teaching-learning process.

The laboratories work beyond college hours and also on holidays. The Internet Connection is provided in the library. The faculty use library e-resources/ CD's / e-Journals/ Video's / NPTEL Lectures as resources to augment the teaching-learning process.

2.3.15 How does the institution continuously monitor, evaluate and report on the quality of teaching, teaching methods used, classroom environments and the effect on student performance.

The institution employs various mechanisms to continuously monitor, evaluate and report on the quality of teaching, teaching methods used, classroom environment and the effect on student performance as below.

Quality of Teaching

A senior faculty is appointed as a Course Coordinator for each course (the same course will be offered to the different sections of the same year of that branch and also for other branches). Course teachers prepare the Instructional System Design and course materials under the guidance of the respective Course Coordinator before the commencement of classes. The Course Coordinator calls the entire faculty who teach the same course and asks the method of teaching, the problems they are handling in the class and the exercises they are giving for self-study or assignments. By this, all teachers know about different methods, problems and syllabus coverage etc., adopted by other teachers and they will have an exchange of information. The Course Coordinator if needed gives his/her suggestions.

Course syllabus coverage is constantly monitored through student feedback by HoD, and by the attendance or log books maintained by the faculty. Faculties are advised constantly to improve or refine their teaching methods and other aspects based on the oral and written feedback.

- Syllabus completion in adherence to academic calendar is periodically reviewed by the respective HoDs.
- Mid-semester feedback helps to refine the teaching methods.

- Semester-end feedback helps in the overall assessment of the faculty to identify the aspects to be improved.
- Review of each internal assessment test performance helps in identifying the slow learners.
- Suitable remedial actions are advised to the faculty members, if necessary, to improve the performance of the students in subsequent tests and semester-end examinations.

Teaching Methods

- Faculty members are encouraged to adopt appropriate innovative teaching methods to improve the teaching-learning process.
- Faculty members, especially, the junior faculty members are constantly advised to meet and discuss with the senior faculty or the faculty who have handled the course several times to know where to stress more on, the important aspects for end-exams and competitive exams.
- The effectiveness of these methods with respect to delivery of content and understanding by student is monitored by the Course Coordinators and HoDs periodically.
- Student feedback is analyzed to evaluate the effectiveness of the teaching methods.

Classroom Environment

- Exclusive classroom is allotted for each class before the commencement of each semester.
- Provision of proper lighting, fans, electrical fittings, black board and furniture are ensured by the class advisors and the Head of Department.
- Availability of teaching resources such as books, references, computers, LCD projectors etc. is also verified.

Student Performance

- Quality of teaching is evaluated from assignments and internal test results.
- Internal test results are reviewed in the departmental faculty meetings.
- Instructions are given by the HoD, and Course Coordinator, to the teachers and students to improve the results.

- Performances of the students in the curricular, co-curricular and extra-curricular activities are analyzed, and students are encouraged to participate in more number of such activities.
- The educational background of the slow learners is analyzed by the Heads, Advisors and mentors, and they are properly counseled to improve their performance. Teachers are advised to pay attention in the theory and laboratory classes, and also if necessary, special classes are conducted to ensure that they understand the subject well, so as to improve their overall performance.
 - The strengths and weaknesses of the students are identified, and they are motivated by the faculty in-charges, HoDs and Proctors to overcome the weaknesses through suitable remedial measures.
 - Special coaching classes and time are allotted for students who have backlogs, to clarify their doubts, and to improve the confidence levels to clear back logs.
 - Parents' meetings are periodically conducted to brief on the performance of the students. Student's attendance, mid marks etc. is forwarded regularly to the parents or guardians.
 - The performance of the students is constantly monitored, and suitable follow-up actions are taken.

2.4 TEACHER QUALITY

2.4.1 What is the faculty strength of the College? How many positions are filled against the sanctioned strength? How many of them are from outside the state?

As per AICTE norms, the faculty-student ratio 1:15 for UG programs and 1:12 for PG Programs is always maintained by the institution.

*The excess faculty members are used for Placement & Training and other activities. The College maintains the faculty strength above the norms of AICTE to provide training, maintain quality in teaching and to carry out research work.

2.4.2 How are the members of the faculty selected?

The cadre-wise number of vacancies is determined based on the existing strength of student; increase in intake; and sanction of new programmes. On receiving the list of vacancy positions from Heads of various Departments and duly approved by the Director/ BoG recruitment are notified in print and electronic media.

Notifications are given in newspapers calling for applications. Applications are scrutinized and the shortlisted candidates are called for interview based on requirements,

qualifications, academic track record, competence experience and achievements. Candidates with qualification as per AICTE norms are selected based on the recommendations of interview committee comprising internal and external experts. The interview committee consists of the respective HoDs, External Experts and Senior Faculty Members of the department, Deans and Director. The institution in general, considers the recruitment of well-qualified faculty with futuristic growth and development in the mind, rather than merely to meet the basic regulatory needs.

Provisional appointment orders are given to the selected candidates on the day of interview.

2.4.3 Furnish Details of The Faculty

The qualification-wise details of faculty are given in the following table.

Table 2.4.3: Faculty Details.

Qualification	Professor		Associate Professor		Assistant Professor		Sub Total	Total
	Male	Female	Male	Female	Male	Female		
Academic Year : 2016 - 2017								
Ph.D.	17	04	18	03			42	435
M.Tech/ M.Phil / P.G			31	28	213	121	393	
Total	17	04	49	31	213	121	435	
Academic Year : 2015 - 2016								
Ph.D.	35	5	8	6	-	-	54	441
M.Tech/M.Phil	-	-	35	24	134	73	266	
P.G	-	-	7	6	64	44	121	
Total	35	5	50	36	198	117	441	
Academic Year : 2014 - 2015								
Ph.D.	32	5	5	2			44	386
M.Tech/M.Phil			42	22	109	64	237	
P.G	-	-	8	3	59	35	105	
Total	32	5	55	27	168	99	386	
Academic Year : 2013 - 2014								
Ph.D.	30	4	3	4	-	-	41	336
M.Tech/M.Phil	-	-	32	32	89	48	201	
P.G	-	-	9	7	44	34	94	
Total	30	4	44	43	133	82	336	
Academic Year : 2012 - 2013								
Ph.D.	23	2	2	4	-	-	31	277
M.Tech/M.Phil	-	-	27	20	67	31	135	
P.G	-	-	8	5	46	32	91	
Total	23	2	37	29	113	63	267	
UG	-	-	1	-	7	2	10	
Total	23	2	38	29	120	65	277	

2.4.4 What percentage of the teachers have completed UGC-CSIR-NET, UGC-NET, and SLET exams? In that what percentage of teachers are with PG as highest qualification?

S. No	Department	Percentage of faculty qualified in the competitive examinations	Percentage of teachers with PG as qualification
1	CSE	6%	100%
2	IT	Nil	100%
3	Civil	Nil	100%
4	ECE	10%	100%
5	EEE	Nil	100%
6	ME	Nil	100%
7	MBA	16.66	100%
8	B.Pharma	43%	100%
9	Chemical	Nil	100%
10	Science & Humanities	15.29%	100%

2.4.5 Does the College encourage diversity in its faculty recruitment? Provide the following departments-wise details.

Yes, the college encourages diversity in faculty recruitment by employing faculty members who have studied in other institutions and other states. The college also looks for faculty members with specialization in diverse areas. The details of faculty diversity are given in the following table.

Table 2.4.5: Faculty Diversity

Dept.	% of Faculty who are product of the same college	% of Faculty from other Colleges within the state	% of Faculty from other states	% of Faculty from abroad
CSE	UG-73 PG-67	UG-6 PG-4	21 13	Nil
IT	25	93.75	6.25	Nil
Civil	2	20	13	Nil
ECE	3	82.53	17.46	Nil
EEE	6.97	83.72	9.3	Nil
ME	8.4	65	25	1.6
MBA	3	12	3	Nil
B.Pharma	45	48	8	Nil
Chemical	0	73	26.6	Nil
Science & Humanities	Nil	82.79	17.22	Nil

2.4.6 Does the College have the required number of qualified and competent teachers to handle all the courses for all departments? If not, how do you cope with the requirements? How many faculty members were appointed during the last four years?

Yes. The college has the required number of qualified and competent faculty to handle all the courses in the departments, as prescribed by the AICTE.

Yes, the institute has the required number of qualified and competent teachers as prescribed by the AICTE to handle classes. 10% of the faculty members have more than 20 years of experience in educational institutions and industries. Well-experienced retired professors and senior officers from reputed private and government organizations are appointed at senior levels.

The number of faculty appointed during the last 4 years is given in the following table.

Table 2.4.6: Number of Faculty Appointed during last four years.

Department	Number of faculty appointed from 2012-2016	Number of Doctorate faculty appointed from 2012-2016
CSE	69	6
IT	13	4
Civil	36	5
ECE	47	8
EEE	53	2
ME	52	6
MBA	13	1
B.Pharm	49	28
Chemical	13	1
Science & Humanities	55	8

2.4.7 Number of visiting Professors are on the rolls of the College?

There are 3 visiting Professors on the rolls of the College.

2.4.8 What policies/systems are in place to recharge teachers? (eg: providing research grants, study leave, nomination to national/ international conferences/seminars, in-service training, organizing national/international conferences etc.)

The college is committed to faculty development by adopting the following systems.

- Faculty members are sponsored for conferences/ seminars/ workshops/ internships. They are given the entire registration fee and TA and DA.
- Arranging In-House-training programmes to update the technological and managerial skills of the faculty members and non-teaching staff.
- Faculty members are encouraged to undergo required training programmes and workshops on emerging technologies to upgrade their competency level.

- Faculty members are encouraged to attend international conferences.
- Faculty Induction Programme is conducted in each academic year for the newly recruited faculty members
- The Director, Deans and HoDs deliver presentations to the faculty on various aspects such as faculty commitment, institutional policies/procedures, teaching-learning practices, classroom management, quality perspectives and research and development. This programme is of extreme help in inducting the faculty into the work-flow of the institution seamlessly.
- Faculty members are encouraged to acquire higher qualifications.
- Faculty members are also encouraged to attend 1 week and 2 week Faculty Development Programmes.
- Faculty members are entitled for incentives right from the admission to the completion of Ph.D. programmes.

Table 2.4.8A: No. of Faculty Sponsored for Ph.D. work, Seminars /Workshops/ Conferences.

Activity	2012-2013	2013-2014	2014-2015	2015-2016
PG/Ph.D Work	9	10	10	10
Seminar/ Workshop	135	116	124	138
National/ International	38	48	62	70
STTP/FDP	35	29	36	50

2.4.9 Give the number of faculty who received awards / recognitions for excellence in teaching at the state, national and international level during the last four years.

The faculties of the AGI constantly receive various Awards towards the excellence in teaching, research and professional body activities.

Table 2.4.9: The Details of the Faculty Awards.

S.No	Name of the faculty	Designation	AWARD	Received From	Year
1	Prof. M. Bhagvanth Rao	Sr. Director	UGC National Lecturer	UGC	1974
2	Prof. M. Bhagvanth Rao	Sr. Director	Best Teacher Award	Govt of Andhra Pradesh	1996
3	Prof. M. Bhagvanth Rao	Sr. Director	Bhatnagar		1984
4	Dr. M. Mukunda Vani	HOD	Best Paper Presenter Award	BITS Pilani, Hyderabad Campus	2013
5	Dr. M. Mukunda Vani	HOD	Best Paper Presenter	Society Of Applied Biotechnology, July 2011	

6	Mrs. M. Sridevi	Associate Professor-Dept of CSE	Best Teacher Award	Anurag Group of Institutions	2016
7	Dr. G. Vishnu Murthy	Professor &HOD-Dept. of CSE	Longest Continuous SBC Award	CSI	2016
8	Mr. M. Ashish Kumar Singh	Network & Systems Engineer-Dept of CSE	Best Non-Teaching Staff Award	Anurag Group of Institutions	2016
9	Dr.G.Vishnu Murthy	Professor &HOD-Dept. of CSE	Significant Contribution Award (Student Branch Coordinator)	CSI	2016
10	Dr.G.Vishnu Murthy	Professor	Longest Continuous SBC Award	CSI	2015
11	Mr.Ch.Naveen Kumar Reddy	Assistant Professor, Dept. of CSE	Microsoft Technology Associate-Web Development	Microsoft Innovation Center	2013
12	Mr. G. Prabhakar Raju	Associate Professor	Best Mentor for TGMC Projects Awarded by IBM	IBM	2013
13	Dr. V. Vijaya Kumar	Professor, Dean- Dept. of CSE & IT	Top 100 Scientists 2010	International Biographical Centre, Cambridge, England	2010
14	Dr.V.Vijaya Kumar	Professor, Dean- Dept. of CSE & IT	Meritorious Teachers-2009	JNTUK, Kakinada	2009
15	Dr.V.Vijaya Kumar	Professor, Dean- Dept. of CSE & IT	JNTUK Researcher-2009	JNTUK, Kakinada	2009
16	Dr.V.Vijaya Kumar	Professor, Dean- Dept. of CSE & IT	Leading Scientist of the WORLD -2009	International Biographical Centre, Cambridge, England	2009
17	Dr.V.Vijaya Kumar	Professor, Dean- Dept. of CSE & IT	Gold Plated Silver Medal Award	Indian Red Cross Society From Governor of Andhra Pradesh	2009
18	Dr.G.Vishnu Murthy	Professor, HOD-Dept. of CSE	Best Paper Award (Trends in Image Representation using Picture Language)	International Conference on Innovations in Computer Science & Engineering (ICICSE-2013)	2013
19	Dr.V.Vijaya Kumar	Professor,	Best Paper	International	2013

		Dean- Dept. of CSE & IT	Award (Trends in Image Representation using Picture Language)	Conference on Innovations in Computer Science & Engineering (ICICSE-2013)	
20	Dr. ShirinaSamreen	Associate Professor- Dept of CSE	Best Paper Award (Robustness to on-off Dishonest Recommenders in a Trust Management Framework for a Mobile Ad hoc Network),	IEEE International Conference on Computational Intelligence and Computing Research ICCIC 2015.	2015
21	Dr.V. Vijaya Kumar	Professor- Dept of CSE	Acting as BOS member for Dept. of CSE, SIT, JNTUH, Hyderabad,GIET, Rajahmundry, ACE Kodad	AGI,GIET & ACE	2016
22	Dr.M. Varaprasad Rao	Professor - Dept. of CSE	Acting as BOS member for Dept. of CSE, VJIT&AGI.	VJIT & AGI	2016
23	Dr.G . Vishnu Murthy	Professor & HOD-Dept. of CSE	Acting as BOS member for Dept. of CSE, VJIT & AGI.	VJIT & AGI	
24	Dr. M.Varaprasad Rao	Professor- Dept of CSE	Reviewer member for IJMPICIT,IJU,IGI-global, ICICSE & IJCAC	IJCAC	2014
25	Dr. ShirinaSamreen	Professor- Dept of CSE	Acted as a reviewer for various IEEE and ICCERC Conferences.	ICCERC	2015
26	Dr. M .Varaprasad Rao	Professor- Dept of CSE	Certified by Cloud U Certified Professional	Rack Space	2015
27	Mr.K.Ragavendra Rao	Assistant Professor- Dept of CSE	Certified RHCSA	Red Hat	2015
28	Mr.K.Ragavendra Rao	Assistant Professor- Dept of CSE	Certified RHCE	Red Hat	2015
29	Dr. ShirinaSamreen Mr.BRavinder Reddy	Associate Professor- Dept of CSE	Certified Big Data Fundamentals and Hadoop Fundamentals	Big Data University	2016
30	Mrs.B.Jyothi	Assistant Professor- Dept of CSE	IBM certified application developer Cloud platform v1	IBM	2016
31	Dr. A.Prashanth Rao	Professor	Best Paper award at IEEE	International Conference on Computational Intelligence and Computing	December, 2015

				Research	
32	G. Sekhar Reddy	Associate Professor	Best Teacher For Outstanding Performance in Academics	Scient Institute of Technology, Hyderabad	24th April, 2010
33	M.AkifulHaque	Asst Professor	Young Scientist	Omics	2015
34	D Mohanty	Asst Professor	Best Poster Award	Omics	2015
35	B.Hemanth	Asst Professor	Achari Prize	Indian Pharmacologica I Society	2015
36	M.RahulKakalij	Asst Professor	Best Poster Award	JNTUH	2014
37	LalithaJyoshna	Associate professor	Best Poster Award	Theegala Krishna Reddy College of Pharmacy	29th& 30 th Dec 2015
38	Dr. G. Sabitha	HOD-Dept of MBA	“Distinguished Teacher-Management”	Award by MTC Global, A Global Apex Professional Body.	September 2014
39	Dr. G. Sabitha	HOD-Dept of MBA	“Bharath Vidya Shiromani Award”	“Indian Mahila Rattan Gold Medal Award ISC, New Delhi”	February 2014

2.4.10 Provide the number of faculty who have undergone staff development programmes during the last four years. (Add any other programme if necessary)

Table 2.4.10: Number of faculty who has undergone staff development programmes during the last four years.

Academic Staff Development Programme	No. of Faculty attended				
	2011-12	2012-13	2013-14	2014-15	2015-16
Refresher courses	22	76	68	66	72
HRD Programmes	28	44	67	148	80
Orientation Programme	62	80	107	84	92
Staff training conducted by the college	25	39	53	44	38
Staff training conducted by the university / other colleges	19	27	32	40	42
In-side the College					
	No. of faculty attended the internal (inside the college) programme				
FDP/SDP	77	109	113	219	240
Seminar/ Workshop	48	113	96	92	122
	No. of faculty attended the external(inside the college) programme				
Out-side the College					
FDP/SDP	37	47	60	79	84
Seminar/ Workshop	52	61	96	69	62

2.4.11 What percentage of the faculty have

- * **been invited as resource persons in Workshops/ Seminars /Conferences organized by external professional agencies**
- * **participated in external Workshops/Seminars / Conferences recognized by national/ international professional bodies**
- * **presented papers in Workshops / Seminars / Conferences conducted or recognized by professional agencies**
- * **teaching experience in other universities / national institutions and others**
- * **industrial engagement**
- * **international experience in teaching**

Table2.4.11: Faculty participation in seminars/workshops/conferences / teaching (External).

	2012-2013	2013-2014	2014-2015	2015-2016
Resource person in Workshops / Seminars / Conferences	16	16	18	18
Participated in Workshops / Seminars / Conferences	274	294	293	394
Presented paper in workshop/ seminar/ conference	98	124	99	129
Faculty having previous teaching experience in other universities / national institutions / Others	88	73	1045	84
Faculty members having Industrial Engagement	25	20	24	21
Faculty having International Teaching experience	2	2	1	2

2.4.12 How often does the college organize academic development programmes for its faculty, leading to enrichment of teaching-learning process?

- * **Curricular Development**
- * **Teaching-learning methods**
- * **Examination reforms**
- * **Content / knowledge management**
- * **Any other (please specify)**

Curriculum Development

- Curriculum development is a continuous process. The proposed curriculum is kept for further modifications based on the feedback of staff, students and experts. These feedbacks are discussed in department and they are forwarded to the BoS for approval.

Teaching-learning methods

- Several trainings and workshops on Pedagogy were organized for the faculty.
- Faculty members attended various workshops on pedagogy at other organizations.
- The College frequently organizes Faculty Development Programmes with external experts.

- Faculty members are also sponsored for external Faculty Development Programmes conducted in other colleges and premier institutions.
- The institution has a remote center of IIT Bombay and organizes several workshops on Pedagogy and other technical subjects. Nearly 400 faculty members attended and passed successfully in these workshops and training programmes.

Examination reforms

- Introduction of grade system in the place of marks.
- Introduced the semester system from 1st year onwards for all the programmes.
- Continuous evaluation throughout the year by considering assignments, mid-term examinations and day-to-day performance.
- The academic development programs facilitated the faculty to design rubrics for the evaluation of assignment/ seminar.
- Question papers for semester-end examinations are obtained from peered institutions.

Content / knowledge management

- Lesson plan/handout with CO's prepared by the faculty concerned and approved by the HoD is made available to the students at the beginning of each semester.
- Lecture notes / teaching material prepared by the faculty is made available to all students through MOODLE.
- Awareness is created on using e-learning material and open source content.

Faculty Induction Programme

The college organizes Faculty Induction Programme at the commencement of each academic year for the newly joined faculty members to introduce curricular development aspects, teaching-learning methods and various systems and procedures followed in the institution.

2.4.13 What are the teaching innovations made during the last five years? How are innovations rewarded?

In addition to conventional teaching, the following innovations are introduced to enhance content delivery and quality of learning. The teaching innovations of the AGI are

- ICT enabled classrooms; Demonstration of concepts; Group discussions; Tutorials assisted by PG students; Webinars; NPTEL; Mock Interviews;
- Self-learning through IIT Spoken Tutorials
- Access to Youtube videos
- The faculty members have modified teaching plans by adopting new teaching strategies to achieve the required COs, POs and PEOs;

- Design-based experiments are initiated in each laboratory;
- Case study analysis;
- Innovative projects;

The above innovations have resulted in

- Problem solving approach
- Creating thinking
- Better placements
- These innovative methods enhance the level of understanding and learning potential of the students.
- Consequently, the effectiveness of these methodologies is evidenced from the internal assessment and semester-end examination results.
- Being aware of the latest technologies, the technical know-how of the students is improved.

The significance of these innovations is evident from the placement records and the laurels won by the students in various contests.

2.4.14 Does the College have a mechanism to encourage

- * **Mobility of faculty between institutions for teaching?**
- * **Faculty exchange programmes with national and international bodies? If yes, how have these schemes helped in enriching quality of the faculty?**
- * Yes. The college encourages mobility of faculty between institutions for teaching. The institution also invites faculty members from other higher learning institutions like IITs and NITs, universities etc., to share their experiences with students and faculty members.
- * Faculty members are permitted and encouraged to share their expertise in other institutions. Faculty members are permitted to do their full-time Ph.D. in reputed institutions.
- * Faculty members are acting as BoS members for various universities/institutions.
- * Faculty members are encouraged to do courses in reputed institutions like IITs, NITs and other universities, as a part of their Ph.D. course work.
- * Faculty members deliver guest lectures in Faculty Development Programmes/ Workshops/ Seminars in other institutions/ universities.
- * Faculty members competent in a particular subject are invited for special lectures for the courses offered in other colleges.

Faculty exchange programmes with national and international bodies. If yes, how have these schemes helped in enriching quality of the faculty?

Efforts are in process to collaborate with foreign universities.

2.5 EVALUATION PROCESS AND REFORMS

2.5.1 How does the College ensure that all the stakeholders are aware of the Evaluation processes that are operative?

The stakeholders are aware of the evaluation process through the following modes.

Induction Programs:

The Director / Deans /HoDs explain the evaluation procedure to the first year students and the parents. The HoDs provide details about the evaluation processes that are operative in the particular regulation on the first day of the class. Faculty Induction Programme is conducted in each academic year for the newly joined faculty members. The Principal, Deans and HoDs deliver presentations to the faculty on various aspects including the evaluation processes that are operative in various regulations.

Evaluation processes of academic and extracurricular activities are informed to the stakeholders of the institution through following ways:

- Handbook consists of rules and regulations, examination pattern, evaluation methods including the grades and academic schedule at the time of registration. Printed handbooks are provided to the students.
- Evaluation process including academic calendar is kept in the institute website, which is accessible to all the stakeholders.
- The Controller of Examinations sends the circulars related to the changes in examination dates and examination pattern from time-to-time.

Parents meeting: Every semester, parents' meetings are conducted at the college level as well as the department level to inform about the teaching and learning and the evaluation process to the parents.

Progress report: Progress reports are sent to the parents after every internal and semester end examinations, which clearly gives the outcome of the evaluation system

- At the time of I B.Tech orientation programme, HoDs address the students on various aspects of academic rules and regulations and evaluation pattern.

2.5.2 What are the major evaluation reforms initiated by the College and to what extent have they been implemented in the College? Cite a few examples which have positively impacted the evaluation management system?

Major Evaluation Reforms implemented in the College:

- The Question papers are set to evaluate the higher order thinking skills that based on Bloom's Taxonomy.
- Setting of semester-end examination question papers by external examiners.
- Project work, assignments and mid-term examinations are made a part of evaluation.
- Mini/ major project work, seminars, assignments and mid-term examinations are made a part of evaluation.
- Multiple choice questions are introduced in both internal and external assessment for UG and PG programmes.
- Five marks are allotted for the assignments in respective theory subjects
- Jumbling system is implemented in seating arrangement in order to avoid malpractices.
- Project works, theses and research publications are checked with anti-plagiarism software before submission.
- Provision of Revaluation and recounting system.
- Secured room for printing semester-end exams question papers.
- Examination management software is available for efficient processing of examination and publication of results.

2.5.3 What measures have been taken by the institution for continuous evaluation of students and ensuring their progress and improved performance?

- For undergraduate programmes, 30% marks for theory courses and 50% marks for laboratory courses are awarded for continuous assessment through tests, assignments and seminars under autonomous regulations.
- For postgraduate programmes, 50% marks for theory courses and 50% marks for laboratory courses are awarded for continuous assessment through tests, assignments and seminars under autonomous regulations.
- The components of continuous evaluation are mid-term examinations, assignments, quizzes, surprise tests, debate, group discussion etc.
- Two mid-term examinations and two assignment tests are conducted in a semester; one at the middle and second test before the commencement of semester examination.
- After every mid examination, the corrected answer scripts are distributed to students to know their actual performance.
- Continuous evaluation comprises 20 marks for mid-term examinations, 5 marks for assignment test in a semester.
- The students' performance is reported to the parents by sending progress reports along with attendance percentage.

- Double valuation for laboratory examinations is adopted for evaluation of semester end examination by the external and internal examiners.
- UGC grading system is adopted for awarding of degree.
- Students' performance in continuous assessment tests is reviewed by class advisor, Head of the Department, Deans, the Director and Management representatives. Corrective actions such as special classes, coaching classes and parents' meeting are conducted whenever necessary.
- Student performance is continuously monitored and counselled by the proctor, advisor and HoD, and if necessary, they are counselled by the professional counsellor available in the college.

2.5.4 What percentage of marks is earmarked for continuous internal assessment? Indicate the mechanisms strategized to ensure rigor of the internal assessment process?

Theory subjects:

Each theory subject is evaluated for 100 marks, which consists of 25 marks for internal assessment and 75 marks for the End semester examinations. Out of 25 marks allotted for internal assessment, 20 marks is awarded by taking the average marks of two mid examinations and 5 marks are awarded by taking average marks of two assignments. Assignments are given in the form of written test/quiz/projects.

Practical Courses:

Laboratory course: The internal evaluation of practical courses is 25 marks based on day-to-day performance of the student in the laboratory, which includes 10 marks for the Record (conduct of experiment, observation and result in regular class work), 5marks for viva in regular class work, 10marks for model examination. The faculty member acts as internal examiner and senior faculty member as external examiner nominated by the Principal for semester end examinations. The semester end examination is conducted for 75 marks.

Project Work:

For major project work the continuous internal assessment will carry 50 marks while the end semester examination will carry 150 marks.

- The mini projects are mostly done at industries. The Mini project carries 50 marks.
- The HOD shall constitute a project review committee (PRC) consisting of supervisor, HOD, project coordinator. HOD nominates a senior faculty as a Project Coordinator for mini and major projects, in each department who is responsible for scheduling the project reviews in consultation with HOD and faculty members.

- The mini projects are evaluated for 100 marks by a committee in the 7th semester, consisting of an external examiner, HOD, the supervisor and a senior faculty member of the department. There shall be no internal marks for mini projects.
- The major project also periodically reviewed by the PRC. There shall be three assessment or project reviews during the semester by the review committee. The Project reviews are done for internal assessment and students present the progress of their projects during the review. In this review the PRC gives various suggestions to the students on how to carry out the remaining part of the project work, documentation, the books or journals.
- The project seminars will be given periodically in front of all the students and the students are encourage to ask questions, which will be clarified by the students who are working on the project.
- The major projects are also evaluated by a committee and the committee consists of an external examiner, HOD, the supervisor and a senior faculty member of the department.
- The student shall make a presentation on the progress made by him / her before the committee.

PG Programmes

Theory Courses

Each theory subject is evaluated for 100 marks out of which the continuous internal assessment shall be for a maximum of 40 marks (consisting of 20 marks for 2 tests, 5 marks for assignment, 10 marks for technical seminar and 5 marks for attendance). Two tests shall be conducted during the semester. Out of the two tests the average will be considered.

Practical Courses

Each practical course is evaluated for 100 marks, out of which, the continuous assessment shall be for a maximum of 50 marks which includes 20 marks for the record (conduct of experiment, observation and result in regular class work), 5 marks for viva-voce in regular class work, 20 marks for model examination and 5 marks for attendance. All marks are put together to the maximum of 50 marks.

Project Work

The HoD shall constitute a review committee for project work for phase-1 and phase-2. There shall be four reviews during the semester by the Review Committee. The candidate shall make a presentation on the progress made by him / her before the PRC. Marks for periodical reviews of the project work ensure the continuous internal assessment

in the project work. The external examiner for project work is appointed by the affiliated university JNTU, Hyderabad and Principal/ Director for the autonomous courses.

Strategies to Ensure Rigor of Internal Assessment Process:

- The internal assessment schedule is provided through academic calendar and instructional system design.
- Apportionment of internal marks is explained to the students by the faculty members who handle the class.
- Two internal tests are conducted periodically, and the marks are posted in the exam portal of the college.
- Marks are provided for the laboratory courses for conduct of experiment, observation and result in regular class work, which promotes continuous internal assessment in the laboratory courses.
- Marks for periodical reviews of the project work ensure the continuous internal assessment in the project work.

2.5.5 Does the College adhere to the declared examination schedules? If not, what measures have been taken to address the delay?

Yes, the college adheres to the declared examination schedules.

2.5.6 What is the average time taken by the college for declaration of examination results? Indicate the mode / media adopted by the college for the publication of examination results e.g., website, SMS, email, etc

The average time taken to declare the examination results is about 30 to 45 days after the completion of final examination. The examination results of each semester are displayed in the notice board and in the institute website. Consolidated hard copy is given to the Head of the Department.

2.5.7 Does the college have an integrated examination platform for the following processes?

Yes, the CoE obtains the question papers from the examiners. The list of panel of examiners is provided by the respective CBOS/ HoDs.

- * **Pre-examination process-time table generation, OMR, student list generation, invigilators, squads, attendance sheet, online payment gateway, etc.**
- * **Examination process-examination material management and logistics.**
- * **Post examination process-attendance capture, OMR based exam result, auto processing, generic result processing and certification.**

Yes, the college has an integrated platform for the following processes.

A. Pre-examination processes – time table generation, OMR, student list generation, invigilators, squads, attendance sheet, online payment gateway, etc.

- Examination time table is generated meticulously taking into account the students writing regular and arrear examinations also.
- Panel of experts is collected from reputed institutions, scrutinized and chosen for question paper setting by the CBOS and sent to CoE. All question papers are set by external examiners. Question paper scrutiny and all question papers received will be done under the supervision of CBOS. Two sets of question papers will be obtained for each subject for each of the examination.
- Printing of question papers is carried out inside the strong room of the exam cell. The question papers are kept safely in the strong room of the college under the custody of CoE.
- Answer sheets are kept safely in the strong room of the college under the custody of CoE.
- The Controller of Examinations issues the examination notification circular with the approval of the Director of the institution. All the notifications and time tables are posted in the college website, and also in notice boards well in advance.
- Senior faculty members from reputed institutions are nominated in the panel of examiners for paper setting and evaluation. Two sets of question papers are obtained from approved panel of examiners one month before the commencement of the semester-end examinations for each subject.
- The examination section identifies the examination halls, as per the time-table based on the number of candidates appearing for the respective courses.
- The list of invigilators for the examinations is selected from the panel of faculty members sent by the HoDs. Invigilation schedule is intimated to the invigilators through circulars.
- Required stationery including answer books and other material for conducting the examination are procured in advance.
- The support staff does the numbering work in the examination halls prior to the examination.
- Exam fees is collected by the cash section of the college and filled-in application forms are submitted to the Examination Cell, as per the schedule announced by the concerned authorities
- Hall tickets are issued to the students through the departments by the CoE.

- Senior faculty members are appointed as the members of squad to oversee the examination process.

B. Examination process –examination material management, logistics?

- Question papers are made ready and kept in sealed covers under the custody of Chief Superintendent/ CoE.
- Room-wise file containing seating plan, attendance sheet, answer booklets is handed over to invigilator half an hour before the commencement of examination.
- Room-wise attendance is collected from the examination hall after half an hour from the commencement of the examination.
- The Dean of Exam Cell of the college is the Chief Superintendent for the conduct of examinations.
- The invigilators have to report to the duty half an hour before the commencement of the examination.
- The question paper packets are handed over to the invigilators by the personnel of the exam section 10 minutes before the commencement of the examination.
- Invigilators shall check the seal and open the packet in front of the candidates.
- Invigilators shall arrange the answer books properly and submit them to the examination section after the examination.
- The personnel of the examination section shall bundle and seal the papers subject-wise and submit the bundles to the confidential section for further processing.

C. Post examination process – attendance capture, OMR based exam result, auto processing, generic result processing and certification.

- After the completion of examination, the staff of Examination Cell collect answer books from the invigilators after due verification with room-wise attendance.
- After coding, answer booklets are made into bundles of each 40, and the same are transferred to valuation hall.
- The Director selects the examiners from the panel of examiners given by CBOS.
- The valuation starts with the preparation of key, conducting a meeting with the evaluators, and discussing the guidelines of the valuation.
- The Chief Examiner reviews at least 5% of the answer books randomly from the bundles of answer books after valuation by evaluators.
- The Result Committee consisting of Principal/ Director, Dean of Examinations, Controller of Examinations and JNTUH Nominee and CBOS of all subjects discuss the result analysis and approve the results for declaration.

- After the approval of Result Committee, decoding is done after thorough verification of coding scripts. The results are declared through online and displayed in the notice board and college web site.

2.5.8 Has the College introduced any reforms in its Ph.D. evaluation process?

In Ph. D. evaluation process, the reforms introduced by the affiliating university from time-to-time are implemented.

2.5.9 What efforts are made by the College to streamline the operations at the Office of the Controller of Examinations? Mention any significant efforts which have improved process and functioning of the examination division/section?

The following efforts are made to streamline the operations at the office of the Controller of Examinations:

- A confidential office has been allotted with a separate chamber for the CoE. A strong room with double locking system has been provided which has been attached with the CoE's office. Hence, it is constantly under the surveillance of the CoE. CC cameras are fixed at sensitive points to monitor the activities of the staff of examination branch.
- A dedicated team consisting of three Assistant Controller of Examinations, 4 Office Assistants and 2 sub staff has been provided.
- The examination section is well-equipped with furniture for storage. The external hard disks to take backup, personal computers with UPS photocopiers, printers, and a separate internet connection are available to store the confidential material.
- The automation of Examination Cell is initiated by developing customized software with all facilities.
- Addition of infrastructure and manpower is facilitated, whenever the student strength increases.
- Academic Audit is performed by a group of internal and external experts, and their recommendations are incorporated to improve the quality of the examination process.

2.5.10 What is the mechanism for redressal of grievances with reference to evaluation?

The institute follows stringent evaluation process to avoid any discrepancy. In case of any grievance, Redressal Committee examines the grievances, as per the procedures stipulated by the Academic Council.

For Internal Test Evaluation:

The answer books are given to the students. The students can seek clarification for any doubt regarding the evaluation in the classroom with the concerned course teacher.

For Semester End Examination Evaluation:

A candidate can apply for recounting or revaluation of his/her semester-end examination answer paper in a theory course within a week from the declaration of results on payment of the prescribed fee.

Revaluation application form must be submitted to the Controller of Examinations. The Controller of Examinations arranges for the revaluation independently by the two examiners, and the results are intimated to the candidate concerned. Revaluation is not permitted for practical courses and for project work.

2.6 STUDENT PERFORMANCE AND LEARNING OUTCOMES

2.6.1 Does the College have clearly stated learning outcomes for its programmes? If yes, give details on how the students and staff are made aware of these?

Yes. The college has clearly stated learning outcomes of the programmes.

Programme Outcomes:

Every Programme has clearly stated learning outcomes of its programme called 'Programme Outcomes (POs)'. The POs are derived from respective Graduate Attributes (GA). The competencies that a graduate of a program should have acquired are called Graduate Attributes. Program Outcomes are narrower statements that describe what students are expected to know and be able to do by the time they complete their graduation. These relate to the skills, knowledge, and behavior that students acquire through the program.

Course Outcomes:

Course Outcomes (COs) are defined for each course offered in the curriculum. Course Outcomes are the statements reflecting the skills the students are expected to acquire, at the end of a particular course.

- HoD explains the outcomes of the each program in Orientation Programme for freshers.
- At the beginning of academic year, the program outcomes are reviewed in the departmental meeting to familiarize the outcomes.
- The faculty members discuss the outcomes expected from the students in the first class of the semester to make them aware of the same.

2.6.2 How does the institution monitor and ensure the achievement of learning outcomes?

The curriculum is designed with various theory, laboratory and elective courses to meet the Programme Educational Objectives, Programme Outcomes and Course Outcomes. The Course Outcomes are clearly defined to ensure that the courses are aligned with the Programme Outcomes. The instructional system design of each course contains the Programme Educational Objectives, Programme Outcomes and Course Outcomes.

HoDs conduct review meetings for monitoring the syllabus coverage and other practical problems in the department.

- Regularly, the meetings between class teachers and course coordinators are conducted to ensure the uniform course delivery, evaluation, and student performance.
- Compliance of course instruction in line with course handouts in terms of teaching, learning and evaluation procedures
- Feedback from the students before mid-term examinations and semester end examinations ensures effective teaching.
- Counseling the students on their attendance and performance to ensure the achievement of learning outcome.
- Participation of students in various club activities including the social services to drive the motivation for holistic development.
- Attainment of the Course Outcomes are arrived from the performance of the students in continuous internal assessment, assignments, seminars, quizzes, group discussions, mini projects and semester-end examinations.
- Rubrics are developed for the project works, seminars, conferences and co-curricular activities.
- The extension of Learning Outcomes is obtained from the feedback of alumni, employers, parents and BoS members.

Programme Outcome Attainment Assessment is performed through Direct and Indirect Assessment using appropriate tools: Direct Assessment includes, Course Outcome Attainment Rubrics, Student Portfolio, and performance in national and international level exams. Indirect Assessment includes Exit Survey, and Employer Survey. Programme Outcome Attainment Analysis is performed by the Programme Assessment Committee based on the above inputs and the Report of Programme Outcome Attainment is presented to the academic committee.

The attainment of Programme Outcomes is reviewed by the academic committee, and suggestions are given for improvement.

Suggestions for improvement of Programme Outcomes are reviewed by the Internal Quality Assurance Committee (IQAC), and suitable actions are initiated for changes in curriculum/ content delivery or establishment of Programme Outcomes.

2.6.3 How does the institution collect and analyze data on student learning outcomes and use it for overcoming barriers of learning?

The Institute adopts a system for the collection and analysis of data on student learning outcomes and follow-up action.

- Every course instructor submits assessment of Course Outcome sheet to the programme coordinator, and programme assessment committee analyzes the data.
- If the particular learning outcome is not attained in a particular subject, concerned faculty is advised to improve the content and the mode of delivery.
- If the achievement in Learning Outcomes is below the expected attainment, the Academic Adviser Committee will analyze the reasons for the poor achievement and suggest the remedies including the change of syllabus and Course Objectives (COs).

2.6.4 Give Programme-wise details of the pass percentage and completion rate of students.

The details of the pass percentage and rate of completion are furnished for each program in the following tables.

UG PROGRAMMES

Table 2.6.4: Pass percentages of UG Students of AGI.

Academic Year	Total Number of Students					
	Appeared	Passed	Pass%	Distinction	1st Class	2nd Class
2015-16	1054	930	88.23	465	416	53
2014-15	904	765	84.62	324	333	53
2013-14	757	615	81.24	283	336	51
2012-13	664	597	89.90	289	256	50

PG PROGRAMMES

Table 2.6.4: Pass percentages of PG Students of AGI

Academic Year	Total Number of Students					
	Appeared	Passed	Pass%	Distinction	1st Class	2nd Class
2012-13	466	377	80.90	234	117	11
2013-14	427	364	85.24	223	112	29
2014-15	385	281	72.98	187	62	31
2015-16	97	91	93.81	43	25	44

Criterion - III

**Research, Consultancy
and
Extension**

CRITERION III: RESEARCH, CONSULTANCY AND EXTENSION

3.1 Promotion of Research

3.1.1 Does the College have a research committee to monitor and address the issues of research? If yes, what is its composition? Mention a few recommendations which have been implemented and their impact.

Yes, the institution has a separate R & D Committee chaired by Director and consists of the Co-ordinator research, Deans, Heads, and senior faculty members of the AGI.

R & D division has structured Research Committees to monitor and address the issues of research in every department and entire institute.

These Research Committees constitute specifically experts from relevant areas. It provides advisory support in selecting the R & D proposals for implementing R & D activities through analysis of technological trends and identification of thrust areas.

Recommendations of Research Committee:

- Informing the faculty members about various research schemes that are offered by the various government and other agencies.
- Encouraging faculty members to submit their research project proposals to the funding agencies.
- Establishment of the Incubation Centre and start-up center.
- Providing seed money to faculty members to promote research.
- Developing laboratories with ultra-modern equipment with updated software.
- Providing financial assistance to the faculty members to publish/present research papers in journals/conferences.
- Establishment of Research Centers in all the departments.
- Encouraging faculty members to register for Ph.D.

Impact of Recommendations of the research committee:

- Twelve R&D Projects are in progress, and other ten R&D project proposals are pending at various agencies (by UGC, DST and AICTE).
- More than 45 research scholars and faculty members of AGI and other institutes, under the guidance of our professors are awarded Ph.D degrees by various reputed

universities and institutions during the last four years and 100 faculty members are pursuing their Ph.D.

- Under CACR (CSE) the 10 faculty members working in various institutions of Telangana state and neighboring Andhra Pradesh state have been awarded Ph.D. under the guidance of Dr. V.Vijaya Kumar.
- Dr. M.Bhagvantha Rao, Senior Director and Professor of Chemical Engineering guided more than 20 Ph.D scholars for their Ph. D's in various institutes and universities.
- The Institution has applied for research centre two years ago at JNTUH, and it is been pending due to various administrative reasons.
- Signed MoUs with R & D Organizations / Industries.
- Research Centers are established by each department to ignite the tender minds of the young engineers and faculty to promote thought provoking process and research thinking.
- More than 500 papers are published by faculty members in leading and peer reviewed international and national journals in the last four years.
- More than 340 papers are published by faculty members in leading international and national conferences in the last four years.

3.1.2 What is the policy of the College to promote research culture in the College?

The policy to promote research culture in the college is given below:

- Faculty members are permitted to pursue their Ph.D.
- Incentives are offered for faculty members who are pursuing Ph.D.
- Faculty members pursuing Ph.D. can avail on duty leave for doing their Ph.D. course work, to meet the supervisor, attending conferences / seminars and preparing their thesis.
- Research publication fees for journal publications are given to the faculty who has published their papers in reputed journals.
- Financial support is provided to the faculty members for attending National / International Conference / Workshop / Seminar etc.,

The faculties are encouraged to apply for research grants to various funding agencies.

- Autonomy to principal investigator/coordinator for executing projects.
- The Institute releases the required funds for the projects as advance to the principal investigators for early completion, whenever there is a delay in funds from the sanctioning agencies.

- Motivate the students to write research papers, to do research oriented project works and paper presentations at National and International level.
- Motivate the faculty members to visit the R&D centers, industries, leading Institutions and consult subject experts to promote the new ideas in research or propose new research projects.
- Industrial experts are invited to the institution for interaction with faculty and students to promote the industry need based research
- Senior academicians from other institutions / universities are invited to share their expertise during National / International Conference / Workshop / Seminar etc.,
- Research Centers are started at every department level and a research coordinator is nominated to look after the research activities.

3.1.3 List details of prioritized research areas and the areas of expertise available with the College

The institute has taken adequate initiatives to develop and promote research culture by identifying various areas of expertise in each department and multidisciplinary areas within the campus to execute different academic and research-oriented, sponsored and consultancy projects with the available research teams.

Table 3.1.3: The Following are the Prioritized Research Areas and Expertise Available in the College.

Chemical Engineering		
S. No	Prioritized Area of Research	Faculty Expertise
1	Chemical Reaction Engineering	Prof. M. Bhagvanth Rao
2	Bio- Chemical Engineering	Prof. M. Bhagvanth Rao
3	Catalysis	Prof. M. Bhagvanth Rao
4	Optimization	Dr. N. Anil
5	Nano Chemistry, Synthetic Organic Chemistry, Environmental Chemistry	Dr. Savita Belwal
6	Bio-Chemical Engineering	Dr. M. Mukunda Vani
7	Process Modeling and Simulation	Dr. M. Mukunda Vani
8	Process Modeling and Simulation	Dr. B. Ganesh
9	Process Modeling and Simulation	M. Shireesha
10	Membrane Technology	N. Rama
11	Mass Transfer operations	Sk. Shaheda

Computer Science and Engineering		
S. No	Prioritized Area of Research	Faculty Expertise
1	Big Data Analytics	Dr V Vijaya Kumar Dr M Vara Prasad Rao
2	Computer Vision and Image Processing	Dr V Vijaya Kumar Mr A Obulesh
3	Cloud Computing and Security Issues	Dr M Vara Prasad Rao Mr B Ravinder Reddy
4	Data Mining	Dr G Vishnu Murthy Mr. Pallam Ravi
5	Network & Information Security	Dr.V.Vijaya kumar Dr. ShirinaSamreen Dr M Vara Prasad Rao
6	Array Grammars	Dr. V. Vijaya kumar Dr G Vishnu Murthy
7	Recommendation System	Mrs M Sridevi
8	Database in Cloud Computing	Mr P Raja Sekhar Reddy
Electronics & Communication Engineering		
S. No	Prioritized Area of Research	Faculty Expertise
1	Low Power VLSI Design	Dr.K.S.Rao, Mrs.K.Haripriya
2	VLSI Architectures for Signal Processing	Dr.Sateeskumaran, Mr.Ramakrishna
3	Digital Image Processing for Biometrics	Dr.C.Rajakumar
4	IOT Based Applications	Dr.FarukhHashmi , Mr.D.Narendhar Singh
5	RF and Cognitive Radio Applications	Prof.J.V.Sharma, Shaik Nayab Rasool
Electrical & Electronics Engineering		
S. No	Prioritized Area of Research	Faculty Expertise
1	Power Electronics and Drives	Dr.R.Somanatham
2	Power System De-Regulation	Dr.K.Suneetha
3	Power Systems De-Regulation, Restructuring ,Dynamics, Micro Grids And Smart Grids	Dr.T.Anil Kumar
Information Technology		
S. No	Prioritized Area of Research	Faculty Expertise
1	Big Data Analytics	Dr. V. Vijaya kumar Mr. G. Sekhar Reddy Mr. A. Sriram Mrs .N. Nagalakshmi Mrs. T. Asha Latha Mrs. Niteesha Sharma Mrs. B. Namratha Mr.G.L.Anand Babu
2	Computer Vision and Image Processing	Dr. V. Vijaya kumar
3	Cloud Computing and Security Issues	Mrs. Niteesha Sharma Dr. A. Prashanth Rao
4	Data Engineering	Dr. K. S. Reddy Mrs.D.Lakshmi Padmaja Mrs .N. Nagalakshmi Mrs. Swathi Agarwal

		Mrs. T. Asha Latha Mr.G.L.Anand Babu Mr. G. Sekhar Reddy
5	Real Time Operating System	Dr. A. Prashanth Rao
6	Internet Of Things	Dr. A. Prashanth Rao
7	Mobile Computing	Mr. G. L. Anand Babu Mr. G. Sekhar Reddy Mrs. Swathi Agarwal
8	Network Security	Mr. A. Sriram
Master of Business Administration		
S. No	Prioritized Area of Research	Faculty Expertise
1	UGC Minor Project - "Critical Attributes of Female Consumer Personality Styles – Implications to Advertiser And Retailers	Mrs.V. Vishnu Vandana
Mechanical Engineering		
S. No	Prioritized Area of Research	Faculty Expertise
1	Sheet Metal Forming, Machine Tools, Manufacturing Process	Dr. R. Venkata Reddy
2	Composite Materials	Dr. P. Ravikanth Raju
3	Machining Processes	Mr. K. Srinivasa Chalapathi
4	Heat Transfer enhancement through Nano fluids	Mr. M. Sikendar Baba
Pharmacy		
S. No	Prioritized Area of Research	Faculty Expertise
1	Nanotechnology	Dr.B.Vasudha
2	Synthesis of bioactive compounds	Dr.G.Kiran
3	Natural product research	Dr.M.Rammohan
4	Transdermal drug delivery system	Mr. S.Krishna
5	Analytical method development and validation	Ms. Shireesha

3.1.4 What are the proactive mechanisms adopted by the College to facilitate smooth implementation of research schemes/ projects?

A. Advancing funds for sanctioned projects:

In case of external funded R&D projects, if the required grant amount is not released by the funding agency, the institute sanctions that amount as advance to purchase equipment/software.

B. Providing seed money:

The Institute is very keen in encouraging research on thrust areas/ cutting edge technologies by providing seed money.

C. Autonomy to the Director/ Principal Investigator/ coordinator for utilizing overhead charges:

The Principal Investigators have autonomy in utilizing their funds including overhead charges as per their requirements and the guidelines of the funding agencies.

D. Timely release of grants:

The research grants are released as soon as the college receives the grant from the funding agencies.

E. Timely auditing And Submission of utilization certificate to the funding authorities:

The Institute has its own audit section to submit account statements and issue utilization certificates duly certified by an external Chartered Accountant every year for the sanctioned projects. The utilization certificate and audit report are submitted to the funding authorities, immediately after obtaining audit report.

3.1.5 How is interdisciplinary research promoted?**A. Between/among different departments of the College**

- The college is keen on promoting interdisciplinary projects among faculty as well as students for the academic and sponsored research. Faculty members from two or more departments collaborate for interdisciplinary research in the college. Faculty members are also encouraged to register for Ph.D and to submit Research Proposals comprising interdisciplinary concepts to various funding agencies.
- The College encourages interdisciplinary research by categorizing all the faculty members into several groups based on their broad spectrum of specialization irrespective of their departments.
- Faculty members of the department of Chemical Engineering and Mechanical Engineering are collaboratively working and submitting proposals jointly to different funding agencies.
- Faculty members from Electronics and Communication Engineering (ECE) and Computer Science and Engineering (CSE) are jointly working on Medical Image Processing and Digital Water Marking Methods.
- Students from various departments undertake projects related to Entrepreneurship, Environmental Studies and Public Surveys.

B. Collaboration with National / International institutes / industries.

Collaboration with IIT Hyderabad NIT Warangal, Central University of Hyderabad, Osmania University Hyderabad, and Computer Science and leading MNCs like TCS, IBM etc. helps in research development and training.

3.1.6 Enumerate the efforts of the college in attracting researchers of eminence to visit the campus and interact with teachers and students?

Eminent scientists from various national level institutes and industries are invited for conferences, seminar, workshops, and guest lectures as resource persons. The experts have visited the campus, and they have delivered and motivated the faculty members and students on research:

3.1.7 What percentage of faculty has utilized sabbatical leave for research activities? How has the provision contributed to the research quality and culture of the College?

About 10% of faculty members have availed sabbatical / Study leave for their research work. Faculties are given academic leave in attending the course on research methodologies by the respective universities. They have completed their course work, synopsis and thesis preparation using this facility. This contributes to the quality of research in the college. Further, a reduced workload is allotted to faculty members who are working on research projects and pursuing their Ph.Ds. In addition, sanction of academic leave with TA and DA is provided for attending seminars/conferences/workshops relevant to their research works. More number of faculties are encouraged by this provision to pursue research which promotes research culture in the college.

3.1.8 Provide details of national and international conferences organized by the College highlighting the names of eminent scientists/scholars who participated in these events.

Eminent Professors and Researchers who visited our institute are given in table 3.1.8

Table 3.1.8: List of the Eminent Professors/Researchers Visited the Institute.

Chemical			
S.No	Department	Name of Eminent Professors / Researcher visited	Name of the Organization
1.	Chemical Engineering	Mr. Ravi kumar Agarwal, Managing Director	Premier Plastic Industries, Hyderabad
2.		Ulhas Parlikar, Director	Geo-cycle India at ACC Limited
3.		Mr. Francis Kunjumin, Director-R&D	Holy Grace Academy of Engineering & Management, Hyderabad
4.		Mr. G. V. Sethu Raman, Chairman	Indian Institute of Chem Engineers, Hyderabad
5.		Mr. Dr. Vijaykale, Chairman	Hyderabad Regional Center of Indian Institute of Chemical Engineers, Hyderabad
6.		Mr. Ramulu, Scientist	Indian Institute of Chemical Technology, Hyderabad
7.		Prof V Ganeshan	IIT Mumbai
8.		Dr. Sasidhar Gumma	IIT Guwahati

9.		Prof R.Krishaih	IIT Chennai
10.		Mr. Pradeep Kumar, Senior Scientist	Indian Institute of Chemical Technology, Hyderabad
11.		Mr. V Srikanth Scientist	ACC Cement Ltd, Wadi
12.		Dr. Sheela, Scientist	Nuclear Fuel Complex, Hyderabad
13.		Prof. R. Sridhar Rao, Vice chairman	IChE, Hyderabad Regional Chapter, Hyderabad
14.		Dr. P. Ramesh, Managing Director	Spark-Vee Chemicals Ltd, Hyderabad
15.		Prof. Ganeshan	IIT Bombay
16.		Dr. Rama Rao	Dr Reddy's Laboratories Ltd, Hyderabad
17.		Mr. Kiran Kumar, President	GVK-Bio tech Ltd, Hyderabad
18.		Dr. Sai Nath, Sr Scientist,	Indian Institute of Chemical Technology, Hyderabad
19.		Dr. R. Ravinder	Celestial Bio-Lab Ltd, Hyderabad
20.		Dr. S. K. Joshi, Director	International Advanced Research Centre for Powder Metallurgy & New Materials, Hyderabad
21.		Srikanth Joshi, Director	ASRC, Hyderabad
22.		Dr. S. K. Joshi, Director	International Advanced Research Centre for Powder Metallurgy & New Materials, Hyderabad

S. No	Department	Name of Eminent Professors / Researcher visited	Name of the Organization
1	Computer Science and Engineering	Prof SameenFathima	OU, Hyderabad
2		Prof Somayajulu	NIT, Warangal
3		Prof AtulNegi	HCU, Hyderabad
4		Prof Krishna Reddy	IIIT, Hyderabad
5		Prof Premchand	OU, Hyderabad
6		Prof C Krishna Mohan	IIT,Hyderabad
7		Prof Radha Krishna	Infosys Ltd, Hyderabad
8		Prof N ChBhartaCharyulu	OU, Hyderabad
9		Prof K SanthiSree	JNTU, Hyderabad
10		Prof N Jagadish	IISC, Bangalore

S. No	Department	Name of Eminent Professors / Researcher visited	Name of the Organization
1	Electronics & Communication Engineering	Prof.G.V.V.Sharma	IITH
2		Prof.K.Kishan Rao	NITW
3		Prof.K.ChandraSekhar Reddy	JNTUH
4		Prof Chandra shekar	Osmania University
5		Prof.L.Laxminarayana	NETRU.OU
6		Dr.N.Ravi Kumar	NITW
7		Prof Shoba Krishnan	St.Clarauniversity.USA
8		Prof.T.Anil Kumar	MVSR engineering College
9		Prof Jai Shankar	Vasavi College of Engineering
10		Prof.S.P.Singh	MGIT , Hyderabad

S.No	Department	Name of Eminent Professors / Researcher visited	Name of the Organization
1	Electrical & Electronics Engineering	Dr.B.P.Sigh	BHEL,R&D
2		Dr.Hariharan Ramasangu	MSRSAS, Bangalore
3		Er.Tayi Krishna Rao	APSEB

S.No	Department	Name of Eminent Professors / Researcher visited	Name of the Organization
1	Mechanical Engineering	Dr. I.V. S. Raju	NASA
2		Dr. C. Kameswara Rao	BHEL
3		Dr.Srikanth Joshi	ARCI
4		Dr P Bangaru Babu	NIT – Warangal
5		Dr Somashekar S Hiremath	IIT-Madras
6		Dr. Ramji Manoharan	IITH
7		Dr Indumathi Vijay	DRDL
8		Mr. Umakanth	RCI
9		Dr. K.S. Reddy	IITM
10		Dr. D. Hariprasad	DRDL
11		Dr.C. Bhaskar	BHEL
12		Dr.Dargaiah	BHEL
13		Prof Kamalakar	IEI, TSC
14		Mr. V. Ramachandra Murthy	COO, Arani Power
15		Mrs Runa Banerjee	RCI
16		Dr. M. T . Naik	JNTUH
17		Dr. B. Sudheer Kumar	JNTUH
18		Dr. M. Srinivas Rao	JNTUH
19		Dr. E. Ramji	JNTUH
20		Dr. P. Ravikumar	NIT - Warangal

S.No	Department	Name of Eminent Professors / Researcher visited	Name of the Organization
1.	Master of Business Administration	Prof. R. Nageshwar Rao	Osmania University
2		Dr. A.Jagan Mohan Reddy	IPE
3		Prof.V. Gangadhar	Badruka College Post Graduate Centre
4		Ramesh Vemaganti	Ex-President, HMA

S.No	Department	Name of Eminent Professors / Researcher visited	Name of the Organization
1.	Master of Business Administration	Prof. R. Nageshwar Rao	Osmania University
2		Dr. A.Jagan Mohan Reddy	IPE
3		Prof.V. Gangadhar	Badruka College Post Graduate Centre
4		Ramesh Vemaganti	Ex-President, HMA

S.No	Department	Name of Eminent Professors / Researcher visited	Name of the Organization
1	Information Technology	Mr. Anirban Pal	Tech Mahindra, Hyderabad
2		Dr. Sujoy Bhattacharya	BVRIT, Hyderabad.
3		Mr. V. Krishna Kishore	Shadaan Technologies.
4		Mrs. C. Beena	Osmania University, Hyderabad.
5		Mr. Krishna Kumar	CSI, Hyderabad.
6		Dr. Khaleel Ur Rahaman Khan,	ACE College, Hyderabad.
7		Dr. C. R. Sarma,	Department of ECE, GNITS, Hyderabad.
8		Ms. S. Durga Bhavani	Department of CSE, Hyderabad Central University, Hyderabad.

S.No	Department	Name of Eminent Professors / Researcher visited	Name of the Organization
1		Dr.Prakash.V.Diwan	
2		Dr.P.Yogeshwari	BITS Hyderabad
3		Dr.V.S.Vadlamudi	Nektar Pharma
4		Dr.J.S.Yadav	IICT, Hyderabad
5		Dr.Y.Madhusudan	Kakatiya University, Warngal
6		J.B.Gupta	GVK Bio Sciences
7		A.S.V.Chalapathi Rao	Tata Enterprises
8		Dr.Lakshmi Srinivas	Nizam Institute of Medical Sciences,Hyderabad
9		Dr.Priyadarshini	Novartis , Hyderabad
10		Ashish More	Iworx Systems inc,USA
11		Dr.Milind J.Umekar	S.K.B College of Pharmacy, Nagpur.
12		Dr.C.Veeresham	Kakatiya University,warngal
13		Dr.Bhaswathi Bhattacharya	Wyckoff Heights medical college
14		Dr.H.Doddayya	N.E.T Pharmacy college, Raichur
15		Praveen Bommu	Aptus Bio Sciences PVT LTD, Mahabubnagar
16		A N Reddy	NUEPA New Delhi
17		Dr.K.Pundarik	J&JDE Labs, Hyderabad
18		Dr.Jaya Prakash	OU,Hyderabad
19		Dr.K.Abbulu	Mallareddy institute of Pharmacy,Sec-Bad





20	Pharmacy	Dr.C.Ramesh	SICRA PVT, LTD, Begumpet, Hyderabad
21		T.Vijaya Ragavan	SVS Medical College, Mahabubnagar
22		Vijay Taladi	Campbell University ,USA
23		J.B.Gupta	GVK Biosciences, Hyderabad
24		Dr.U.N.Das	UND life Sciences, USA
25		A.Raghuram Reddy	Sri shivani College of Pharmacy, Warangal
26		Dr.Sanjay	Division of Pharmacology, IICT, Hyderabad
27		Prof P.Gopal Krishna Kumar	NUHS, Singapore
28		Dr.Kalyan Akula	Dr. Reddy's ,Hyderabad
29		B.Ravi Kiran	Regulatory Affairs, Hetro Drugs, Hyderabad
30		Prof.F.Rehman	Global College of Pharmacy, Moinabad.















3.1.9 College Initiatives in Transferring / Advocating the Relative Findings of Research of the College and Elsewhere to the Students and the Community (Lab to Land).

- The College has initiated in transferring / advocating the relative findings of research of the college to the students and the community by collaborating with industries. The innovative findings of the student's ideas such as Mobile Apps, segmentation of images and image retrieval are transferred to the community.
- The department of Chemical Engineering provides the necessary testing facilities, consultancy and R&D for AVA BIOTECH, Clair Engineers Private Limited, SPARKVEE fine chemicals, Arpan Herbi-chem, etc. This data is submitted to the industry for large scale development. VLE data generated has been submitted to industry for design of distillation column.
- 85% of Indian population is using mobile phones, and these devices are acting as communication, entertainment and service-oriented devices through the Apps. To provide more service to the community, the department of CSE of the AGI, started Anurag Android Club (AAC) with the motto of training students in android technology and developing mobile applications for the needs of the common people in daily life.



The college initiated in transferring the Relative Findings of Research in the form of 43 mobile Apps developed by the students and staff of Anurag Android Club (AAC), (Lab to Land). These 43 mobile Apps of AAC are successfully launched in Google Play Store and the utilization rate is significant.

Table 3.1.9: The List of 43 Mobile Apps Launched on Google Play Store by the Members of AAC are given below:

S.No	App Name	Price	Current / Total Installs	Avg. Rating / Total #	Last Update	Status
1	 Aagama 1.0	Free	3 / 140	4.50 / 26	Mar 10, 2016	Published
2	 Aksharabhyas 1.0	Free	26 / 113	5.00 / 3	Nov 12, 2015	Published
3	 Around 'U' 1.0	Free	8 / 37	5.00 / 18	Sep 25, 2016	Published
4	 Artist Library 1.0	Free	—	—	Oct 29, 2015	Suspended
5	 Blue Dog 1.0	Free	13 / 138	5.00 / 3	Dec 16, 2015	Published
6	 CIPHER SCANNER 1.0	Free	7 / 62	—	Dec 3, 2015	Published
7	 Crazy Alarm 1.0	Free	7 / 29	5.00 / 10	Oct 14, 2016	Published
8	 CSE-Labs 1.0	Free	32 / 90	4.83 / 35	Sep 24, 2016	Published
9	 Digital Log 1.0	Free	1 / 5	5.00 / 3	Sep 28, 2016	Published
10	 DOCLIST 1.0	Free	2 / 22	5.00 / 6	Sep 24, 2016	Published
11	 Droid Docter 1.0	Free	0 / 17	5.00 / 5	Nov 26, 2015	Published
12	 Droid Switch 1.0	Free	4 / 6	—	Oct 28, 2015	Published
13	 Dynamic Data Dispatching 1.0	Free	0 / 7	5.00 / 1	Oct 28, 2015	Published

14	 E-CONTACT 1.0	Free	1 / 54	5.00 / 1	Dec 2, 2015	Published
15	 Expendica 1.0	Free	11 / 51	4.87 / 15	Sep 25, 2016	Published
16	 FelonyDelegate 1.0	Free	0 /	—	Nov 1, 2015	Published
17	 Higher or Lower card	Free	0 / 2	—	Oct 31, 2015	Published
18	 Kiddiewink 1.0	Free	8 / 39	4.97 / 29	Sep 25, 2016	Published
19	 Know More Words 1.0	Free	2 / 26	5.00 / 10	Dec 7, 2015	Published
20	 Metal Detector 1.0	Free	2 / 7	—	Nov 1, 2015	Published
21	 Micro Food Court 1.0	Free	2 / 28	4.25 / 4	Nov 14, 2015	Published
22	 MNC 1.0	Free	48 / 370	4.61 / 18	Nov 14, 2015	Published
23	 Mobile Mode Enforcer 1.0	Free	0 / 8	—	Nov 26, 2015	Published
24	 Nutripedia 1.0	Free	10 / 51	4.95 / 22	Sep 26, 2016	Published
25	 PartyTime 1.0	Free	2 / 15	4.00 / 2	Sep 24, 2016	Published
26	 Password Timer 1.0	Free	0 / 9	—	Nov 26, 2015	Published
27	 Personal Mobile Search Engine	Free	3 / 60	4.75 / 16	Oct 30, 2015	Published

28	 Pocket Phonics 1.0	Free	966/2,559	3.50 / 0	Nov 12, 2015	Published
29	 Prepare Smart 1.0	Free	2 / 27	5.00 / 6	Sep 20, 2016	Published
30	 Rasayanika 1.0	Free	9 / 179	4.92 / 48	Sep 16, 2015	Published
31	 redcacheconnect1 1.0	Free	0 / 5	—	Nov 3, 2015	Published
32	 Remind ME 1.0	Free	1 / 18	5.00 / 8	Sep 27, 2016	Published
33	 Restaurant Management System	Free	11 / 115	5.00 / 1	Nov 12, 2015	Published
34	 Send your status 1.0	Free	0 / 5	3.33 / 3	Nov 1, 2015	Published
35	 ShaEzy 1.0	Free	7 / 45	4.95 / 19	Sep 18, 2016	Published
36	 Smart Ring Alerts 1.0	Free	3 / 46	—	Nov 2, 2015	Published
37	 Towers of Hanoi Game 1.0	Free	4 / 51	4.93 / 14	Nov 4, 2015	Published
38	 UHireMe 1.0	Free	13 / 27	5.00 / 11	Sep 27, 2016	Published
39	 Virtual Attender 1.0	Free	1 / 8	4.00 / 1	Sep 20, 2016	Published
40	 Vocal Combo 1.0	Free	9 / 56	5.00 / 1	Dec 6, 2015	Published
41	 Voice base	Free	20 / 133	5.00 / 13	Nov 14, 2015	Published

	email 1.0					
42	 Voice Based Task Reminder 1.0	Free	5 / 20	=	Oct 30, 2015	Published
43	 Voice Speed Dialer 1.0	Free	20 / 371	5.00 / 11	Nov 12, 2015	Published

3.1.10 Give details on the faculty actively involved in research (Guiding student research, leading research projects, engaged in individual or collaborative research activity etc.)

The faculties, who are registered as research supervisors in various universities, guide the research scholars for their Ph.D. All faculties are actively involved in research guidance for under graduate and post graduate student projects. The post graduate students are guided to present their findings in conferences.

Table 3.1.10: List of the Faculty and Number of Ph.D Scholars Guided/ Guiding.

Department	Name of the faculty	Ph.D Scholars guided	Currently guiding
Computer Science and Engineering	Dr. V.Vijaya Kumar	30	8
Chemical Engineering	Dr. Bhagavanta Rao	112	8
Electronics & Communication Engineering	Dr. K.S. RAO	1	4
Mechanical Engineering	Dr.R.Venkat Reddy	-	1
Electrical & Electronics Engineering	Dr. R.Somanatham	2	4
Chemistry	Dr. NYS Murthy	2	3
Mathematics	Dr. L.Anand Babu	4	2
Total		151	30

3.2 RESOURCE MOBILIZATION FOR RESEARCH

3.2.1 What percentage of the total budget is earmarked for research? Give details of major heads of expenditure, financial allocation and actual utilization for last four years.

Summary of current financial year's budget and the actual expenditure incurred (exclusively for the institution) for three previous financial years.

Table No: 3.2.1: Budget Allocated for Various Items in last three Years

Item	Expenses in 2014-2015 in Lacs	Expenses in 2013-2014 in Lacs	Expenses in 2012-2013 in Lacs
Infrastructure built-up	1024	174	256
Library	26.9	24.10	18.9
Laboratory Equipment	66.8	65.5	13.10
Laboratory Consumables	18.41	14	69.30
Faculty and Non- teaching staff salary	1841	1758	1304
R &D	12.5	8.0	3.18
Training and Travel	19.5	37.90	16
Sports	8.30	6.80	5.52
Others	1538	632	824

3.2.2 What are the financial provisions made in the College budget for supporting student research projects?

The College makes financial provisions for supporting student research projects. The management provides R&D grants to compete in Various National level competitions organized by various universities/ institutes/ MNCs.

3.2.3 Is there a provision in the institution to provide seed money to faculty for research? If so, what percentage of the faculty has received seed money in the last four years?

Yes, the faculty members pursuing Ph.D. are provided with incentives as seed money to carry out their research. Totally 25% of the overall faculty who have zeal in research work to initiate their research as pilot study, publish their research papers, obtain patents, to participate in FDPs, workshops, seminars and national and international conferences related to their research are provided with seed money.

3.2.4 Are there any special efforts made by the College to encourage faculty to file for patents? If so, provide details of patents filed and enumerate the sanctioned patents.

Yes. The institution is providing required facilities to encourage faculty members for the completion of funded research projects and publish the output in the form of publications in peer-reviewed journals with good impact factor.

Table: 3.2.4 Details of Patents and Income Generated.

Title/ Description	Principal Investigator	Duration/ Time Period	Sponsoring Organization	Funding Amount
Self Nano Emulsifying Delivery Systems of Lurasidone and Preparations Thereof for Oral Administration	Dr.Vasudha Bakshi	Feb, 2015	Anurag Group of Institution	25000
Pharmaceutical Compositions For The Coordinated Delivery of Naproxen And Lansoprazole	Dr.Vasudha Bakshi	Feb 2015	Anurag Group of Institution	25000
Polyherbal Evaluation	Dr.Vasudha Bakshi	Feb2015- Feb2016	Celestial	96000

3.2.5 Provide the following details of on-going research projects:

R&D division has initiated good number of research projects (Both Minor and Major) to create a conducive environment and research temperament among the faculty members and students.

Table: 3.2.5 Details of On-Going Research Projects.

S.No	Year	Title of Consultancy Project	Funding Agency	Amount (Rs. In Lakhs) (amount actually received in corresponding year)
1	2013-14	Influence of various formulations of Tazoratene	APTUS Biosciences Pvt.Ltd.	100,000/-
2	2013-14	Evaluation of Anti-Oxidant activity	Sanzyme Pvt.Ltd	20,000/-
3	2014-15	The behavioural and social recognition study on plant extracts	Ethixpharna Pvt. Ltd.	45,000/-
4	2014-15	Invitro invivo evaluation of oral insulin formulation	Transgene Biotech, Hyd	50,000/-
5	2014-15	Screening of chemical compounds for anti-inflammatory study	APTUS Biosciences Pvt.Ltd.	25,000.00/-
6	2015-16	Polyherbal Evaluation	Celestial Labs.	100,000.00/-
7	2015-16	Recent trends in Mechanical Engineering	DST – SERB, Seminar Symposia Scheme-(Serb/f/1684/2016-17 dated 27/6/2016)	1,00,000/-
8	2014-15	Heat transfer enhancement, flow features and pressure drop characteristics of nanofluids	Mr. Sikindar Baba- (F No; 4-4/2014-15 (MRP-SEM/UGC-SERO))	3,05,000/-
9	2014-15	Critical attributes of female consumer personality styles – implications to advertiser and retailers	Mrs. V.Vishnu Vandana-(MRP-6107/15(seRO/ugc) JANUARY 2015)	1,30,000/-
10	2013-14	Stability analysis of various delayed and stochastic ecological models	Mr. Shiva Reddy, H&S-(MRP-4617/14(SERO/ UGC))	3,00,000/-
11	2013-14	Impact of flow parameters on flow field in heat and mass transfer problems – a numerical technique approach	Mr. Dharmender reddy-(MRP 4619/14(SERO/ UGC))	3,00,000/-
12	2013-14	Numerical solution to heat and mass transfer problems	Dr. Srinivasa Rao.V-(MRP-618/14(SERO/ UGC))	3,75,000/-
13	2014-15	Ultrasonic investigations on disruption of bacteria cultures synergies of 0.1 to 10MHz Ultrasound	Dr.M. Srinivasa Reddy	3,10,000/-
14	2015-16	Online Messenger Identification Based on Stylometric Features of the Author	Dr.V.Vijaya kumar-(UGC-minor)	1,30,000/-

3.2.6 How many departments of the College have been recognized for their research activities by National / International agencies (UGC-SAP, CAS, DST-FIST; DBT, ICSSR, ICHR, ICPR, etc.) and what is the quantum of assistance received? Mention any two significant outcomes or breakthrough due to such recognition.

The institute has applied for a Research Centre to the affiliated JNTUH, Hyderabad two years ago and it is under progress.

- The Department of Pharmacy is recognized by DSIR and renewal is under process.
- Pharmacology, Pharmaceutics and Pharmaceutical Analysis Research labs were well-equipped with highly sophisticated equipment a namely FTIR, HPLC, Video Tracking, Power Lab, Elisa, Semi Auto Analyzer, Tablet Punching and Dissolution Apparatus.
- Department of Pharmacology has separate R&D section for Neuro pharmacology screening along with animal house in accordance with CPCSEA guidelines.
- Dr. G. Kiran, Associate Professor has the International Research collaboration with National Cancer Institute. Baltimore, USA.
- International research papers published from our institutions are Scopus, Google Scholar and Thomson Reuters indexed.

3.2.7 List of details of completed research projects undertaken by the College faculty in the last four years and mention the details of grants received for such projects (funded by Industry / National / International agencies).

The institution acquired many projects recently, and they are yet to be completed.

3.3 RESEARCH FACILITIES

3.3.1 What efforts are made by the College to keep pace with the infrastructure requirements to facilitate Research? How and what strategies are evolved to meet the needs of researchers?

- The college takes efforts to facilitate research with resources like laboratories, digital library and computer lab facilities especially for research and project works.
- Apart from the regular curriculum of UG and PG programmes, all the departments have purchased R&D related equipment which could be used for pursuing research.
- Each department has established its own research and innovation centre to take-up & guide research in thrust areas through interdisciplinary approach.
- The professors of AGI are recognized guides for many universities.
- Internet connectivity and Wi-Fi facility is also available for the students and the faculty to enable them to review their academics and their research programs.

- Books, journals and e-contents are available for the researchers.
- Reputed journals like IEEE, Science Direct, Springer, ASME, ASCE etc., are available in the library for the needs of the researchers.
- Central Library has separate sections for the display of research journals.
- Highly sophisticated lab facilities are available in the respective departments for the students and the research scholars for doing mini/ major/ PG projects and to carry out their research work with their innovative ideas.
- In the Annual Budget, a considerable amount of fund is allotted to create research related infrastructure.
- The central workshop facilitates the fabrication for the students' projects.
- All the eligible senior faculty members with doctorates have been recognized as Research Supervisors by affiliating university (i.e., JNTUH) and other national universities.
- Advanced training on emerging technologies and software is provided to the faculty members and research scholars to update their knowledge in their concerned domain.
- Interdisciplinary research facility is setup.
- Seed money is granted to researchers.
- Travelling and sundry expenditure is being borne for presentation of project proposals
- Guest lectures are arranged in various upcoming areas of research.
- Industry Institute Interaction has been strengthened.
- Experts from R&D organizations are invited to educate faculty members on various avenues for research funding.

3.3.2 Does the College have an information resource centre to cater to the needs of researchers? If yes, provide details on the facility.

Yes. The college has a well-established information resource centre in the form of central library, e-library, intranet and internet facilities with 56 Mbps connectivity speed, Wi-Fi facility, and excellent reference books.

The Centre provides:

- Digital Library to access online resources.
- Online Public Access Catalogue (OPAC), e-learning resources and national and international journals.

The e-resource journals are: IEEE, ASCE, SPRINGER and Sage Publications.

Table 3.3.2: List of e-Books

S.No	Source	Titles
1	e-books	30,000
2	e-journals	7,850
3	CD-ROM	4,950
4	Audio cassettes	50

3.3.3 Does the College provide residential facilities (with computer and internet facilities) for research scholars and faculty?

They have access to 55 Mbps internet connectivity on the campus. The faculty members and research scholars utilize laboratories, computer center, library and other facilities.

3.3.4 Does the College have a specialized research centre / workstation to address Challenges of research programmes? If yes, give details.

Institute has specialized Research Centre at the departmental level to promote research activities on the campus.

- “Centre for Advanced Computational Research (CACR)” was established by the Departments of CSE & IT, and under which 10 faculty members of this institutions and other institution of this state and other states obtained Ph.D under the guidance of Dr. V.Vijaya kumar and more than 50 research publications are published. The faculty and PG students utilize this lab for their publications, research and project work.
- “Center for Chemical Engineering Innovation Center (CCEIC)” was established by the department of Chemical Engineering. Under this more than 30 research papers have been published in different journals. R&D project works were performed in this center for different industries. Faculty and B. Tech students utilize this CCEIC for project works and R&D work. The CCEIC have close collaboration with IICT, Dr. Reddy Laboratories, Prabhava Organics, Rhyme Organics etc where students undergo training and consultancy work is also undertaken.
- The Department of Civil Engineering established the “Civil Engineering Research & Innovation Centre (CERIC)” for carrying out Ph.D (Research Guiding), PG projects, consultancy research and Industry Institute Interaction.
- The department of ECE has Research and Development Center for VLSI and Embedded Systems, Community Project Lab, Incubation Centre and NI Lab of Excellence for carrying out research, consultancy, UG and PG project works and to train for CLAD certification.

- The department of EEE has an Innovation Centre to promote research, start-ups and entrepreneurship. More than 20 research publications have been published. PG students utilize this lab for their project work.
- The department of Mechanical engineering has established “Centre for Advanced Mechanical Engineering Research (CAMER) labs under which the faculty and students carry at research, publications, UG and PG projects. So far, 40 research papers are published through this research centre.
- Department of Pharmacy has one Research Center “Centre for Pharmaceutical Sciences”, and under which 6 faculty members of this institution and from other institutions of this state and other states were presently pursuing their Ph.D and more than 80 research publications have been published. PG students utilize this lab for their project works.

3.3.5 Does the College have research facilities (centre, etc.) of regional, national and international recognition/repute? Give a brief description of how these facilities are made use of by researchers from other laboratories.

The research labs of the AGI are very much utilized by the faculty working at various institutes located at Telangana and Andhra Pradesh states. The CACR labs were utilized by more than 12 faculty members belonging to the various states and they have completed their Ph.D work. At present more than 8 faculties of different institutions are working. The “Center for Chemical Engineering Innovation Center (CCEIC)” of department of Chemical Engineering was also utilized by faculty of surrounding institutes.

3.4 RESEARCH PUBLICATIONS AND AWARDS

3.4.1 Highlight the major research achievements of the College through the following:

A. Major Papers presented in regional, National / International Conferences

Table 3.4.1 A: Total Number of Conference Papers Published Department wise

Dept.	2012-13	2013-14	2014-15	2015-16	2016-17	Total
CSE	1	1	1	14	15	32
IT	0	1	0	2	1	4
EEE	6	2	1	0	0	9
MECH	1	6	3	4	1	15
CHEMICAL	1	2	2	4	3	12
PHARMACY	38	38	54	44	21	195
MBA	5	3	6	9	0	23
ECE	2	0	1	3	1	7
CIVIL	3	0	4	1	1	9
MATHS	0	11	17	20	3	51
CHEMISTRY	4	6	7	10	5	32
ENGLISH	0	1	3	2	4	10
PHYSICS	0	2	4	5	0	11
Total	61	73	103	118	55	410

B. Faculty serving on the Editorial boards of National and International Journals

Table 3.4.1 B: Total Number of Journal Papers Published Department wise.

Department	2012-13	2013-14	2014-15	2015-16	2016-17	Total
CSE	39	34	47	27	20	167
IT	12	1	3	3	6	25
EEE	8	11	21	9	8	57
MECH	4	4	4	7	4	23
Chemical	9	6	6	17	10	48
Pharmacy	22	13	27	18	35	115
MBA	5	0	2	6	0	13
ECE	23	11	8	15	5	62
Civil	5	0	2	1	1	9
MATHS	0	6	5	33	4	48
Chemistry	8	4	4	2	2	20
Physics	2	3	1	4	0	10
English	-	1	4	7	2	14
Total	137	94	134	149	97	611

Table 3.4.1 C: Faculty Serving on the Editorial Boards of National and International Journals

Chemical Engineering			
S. No	Name of the Faculty	Name of the Journals	Role
1	Prof. M. Bhagvanth Rao	Journal of Biotechnology, Australia	Editor
2	Prof. M. Bhagvanth Rao	Canadian Journal of Engineering	Editor
3	Prof. M. Bhagvanth Rao	Journal of AP Academy of Sciences	Editor
4	Dr. R.Venkat Reddy (MECH)	BEIESP	Editor

Computer Science and Engineering			
S. No	Name of the Faculty	Name of the Journals	Role
1	Dr.V.Vijaya Kumar	International Journal of Graphics vision and image processing(ICGST-GVIP)	Reviewer
2	Dr.V.Vijaya Kumar	International Journal of Computer Applications (IJCA)	Reviewer
3	Dr. M. Varaprasad Rao	The International Journal of Managing Public Sector Information and Communication Technologies(IJMPIC)	Reviewer
4	Dr .M .Varaprasad Rao	The International Journal ofUbiCom (IJU)	Reviewer
5	Dr .M .VaraprasadRao	Design Solutions for Improving Website Quality and Effectiveness	Reviewer
6	Dr .M.Varaprasad Rao	3 rd International Conference on Innovations in Computer Science& Engineering ICICSE – 2015	Reviewer
7	Dr. Shirina Samreen	IEEE Wireless Communication Magazine.	Reviewer
8	Dr .M. Varaprasad Rao	International Journal for Cloud Applications and Computing(IJCAC)	Reviewer
9	Dr. Shirina Samreen	International Conference on Control, Electronics, Renewable Energy, and Communications (ICCEREC 2016)	Reviewer
10	Dr .M. Varaprasad Rao	Design Solutions for Improving Website	Reviewer

		Quality and Effectiveness	
Electronics & Communication Engineering			
S. No	Name of the Faculty	Name of the Journals	Role
1	D.Narendhar Singh	INROADS JNU	Editor

English			
S. No	Name of the Faculty	Name of the Journals	Role
1	Dr.G.V.S.Ananta Lakshmi	Board of Athens Journal of Philology, Athens, Greece.	Editor & Reviewer

Information Technology			
S. No	Name of the Faculty	Name of the Journals	Role
1	Dr A. Prasanth Rao	IJEIISE	Managing Editor

Pharmacy			
S. No	Name of the Faculty	Name of the Journals	Role
1	Dr.Vasudha Bakshi	Sierra Journal	Editor
2	M.Akiful Haque	IJIPRS(International Journal of Innovative Pharmaceutical Research)	Editor
3	M.Akiful Haque	Lenature concept	Editor
4	Dibyalochan Mohanty	IJHPR (International Journal of Health and Pharmaceutical Research)	Associate Editor

C. Faculty members on the organization committees of international conferences, recognized by reputed organizations / societies.

Table 3.4.1 D: Table Faculty Members on the Organizational Committees of International/ National Conferences.

Chemical Engineering				
S. No	Name of the Faculty	Name of the Program	Organization/ Society	Date
1	Prof. M. Bhagvanth Rao	International Conference of Chemical Engineering	Chicago	2004
2	Prof. M. Bhagvanth Rao	International Conference on Biotechnology	OUCT	2010
3	Prof. M. Bhagvanth Rao	Chemical Engineering Congress	IICChE	Every year since 20 years
4	Prof. M. Bhagvanth Rao	International Conference in catalysis	Catalyst	2012
5	Dr. M.Mukunda Vani	SCchemcon	IICChE	2016
6	V. Ramanjaneyulu	SCchemcon	IICChE	2016
7	M. Shireesha	SCchemcon	IICChE	2016

Computer Science and Engineering				
S. No	Name of the Faculty	Name of the Program	Organization/ Society	Date
1	Dr.V.Vijaya Kumar	second international Conference on Computer and Communication Technologies	Springer	2016
2	Dr.V.Vijaya Kumar	2015 International Conference on Applied and Theoretical Computing and Communication Technology (iCATccT)	IEEE	2015
3	Dr.V.Vijaya Kumar	Computing, Communications and Networking Technologies (ICCCNT)	IEEE	2013
4	Dr.V.Vijaya Kumar	International conference on innovations in computer science & engineering (ICICSE-2013)	IEEE	2013
5	Dr.V. Vijaya Kumar	XXIII Congress of APSMS	APSMS	2014
6	Dr.V. Vijaya Kumar	Image processing and It's applications	JNTU	2014
7	Dr.V. Vijaya Kumar	Wavelets and its applications	JNTU	2014
8	Dr.V. Vijaya Kumar	International Conference on Contemporary Computing and Informatics (IEEE-IC3I)	IEEE-IC3I	2014

Pharmacy

S. No	Name of the Faculty	Name of the program	Organization/ Society	Date
1	Dr.Vasudha Bakshi	Pharmacovigilance & Drug Safety	AGI	23-24 Sep 2016
2	Dr.G.Kiran	Rare Diseases-Raising awareness	Indian Organization of rare diseases	7 feb 2016
3	Md.Akiful Haque	Omics International Conference	Omics	2015
4	P. Ramya Deepthi	International conference on innovations in pharmaceutical sciences	Gurunanak institutions	29th&30th Jul 2016
5	N. Lalitha	International conference on innovations in pharmaceutical sciences	Gurunanak institutions	29th&30th Jul 2016
6	P. Naveen	International conference on innovations in pharmaceutical sciences	Gurunanak institutions	29th&30th Jul 2016
7	S.K. Madhavi	International conference on innovations in pharmaceutical sciences	Gurunanak institutions	29th&30th Jul 2016
8	Dibyalochan Mohanthy	International conference on innovations in pharmaceutical sciences	Gurunanak institutions	29th&30th Jul 2016
9	M. Ram mohan	International conference on the use of national medicines policy &	Pullareddy institute of pharmacy	28th 29th sep 2016

		biostatistics in pharmaceutical sciences		
10	Dr. G. Kiran	International conference on the use of national medicines policy & biostatistics in pharmaceutical sciences	Pullareddy institute of pharmacy	28th&29th sep 2016
11	Mrs.Sirisha	International conference on the use of national medicines policy & biostatistics in pharmaceutical sciences	Pullareddy institute of pharmacy	28th&29th sep 2016
12	Dr.Vasudha Bakshi	Emerging strategy for impurity profiling	Raghu college of pharmacy, vizag,A.P.	16th&17th july 2016
13	P. Naveen	Emerging strategy for impurity profiling	Raghu college of pharmacy, vizag,A.P.	16th&17th july 2016
14	Dibyalochan Mohanthy	Emerging strategy for impurity profiling	Raghu college of pharmacy, vizag,A.P.	16th&17th july 2016

3.4.2 Does the College publish research journal(s)? If yes, indicate the composition of the editorial board, publication policies and whether it is listed in international database?

No.

3.4.3 Give details of publications by the faculty:

A. Number of papers published in peer reviewed journals (national / international)

Table 3.4.3 A: Publication Details of the faculty.

S.No	Details	Numbers
1	Peer- reviewed Publications (including multiple authors)	611
2	Monographs	
3	Chapters in Books	17
4	Editing Books	2
5	Books with ISBN Number	2
6	Number listed in International Database (e.g. Web of Science, Scopus, Humaities International Complete, Dare Database- International Social Sciences Directory, EBSCO host, etc.)	611
7	Citation Index- Range/ average	Range: 6 to 70
8	SNIP	0.59-3.2
9	SJR	0.8-1
10	Impact Factor- Range/ average	0.1 to 5.6 Average: 1.293
11	h- index	2-112

B. Books with ISBN numbers with details of publishers

1. R.Venkat Reddy “ Investigations on the Effect of various parameters to eliminate Wrinkling and fracture in deep drawing components” , Zenon Acedemic publishing, Hyderabad; ISBN-978-93-85886-027-7

3.4.4 Indicate the average number of successful M.Phil and Ph.D. scholars guided per faculty.

Table 3.4.4: List of the Faculty and Number of Ph.D Scholars Guided.

Department	Name of the Faculty	Ph.D Scholars guided	Currently guiding
Computer Science and Engineering	Dr. V.Vijaya Kumar	30	8
Chemical Engineering	Dr. Bhagavant Rao	112	8
Electronics & Communication Engineering	Dr. K.S. Rao	1	4
Mechanical Engineering	Dr.R.Venkat Reddy	-	1
Electrical & Electronics Engineering	Dr. R.Somanatham	2	4
Chemistry	Dr. NYS Murthy	2	3
Mathematics	Dr. L.Anand Babu	4	2
Total		151	30

3.4.5 What is the stated policy of the College to check malpractices and misconduct in research?

All the Ph.D theses and research papers (B.Tech, M.Tech & MBA) are checked with anti-plagiarism software Write Check (Turnitin) before submission to the concerned authorities (University, departments, and publication houses). As per the university norms, similarity index in student projects and theses should be less than 25%.

3.4.6 Does the College promote interdisciplinary research? If yes, how many inter departmental / inter-disciplinary research projects have been undertaken and mention the number of departments involved in such an endeavor.

Yes, the Institute has many faculties with rich research experience and Ph.D. They have received Ph.D from different universities of India with wide areas of interdisciplinary specializations. As such, the institute has provided necessary facilities to take up academic, consultancy and funded projects with interdisciplinary approach.

3.4.7 Mention the research awards instituted by the College.

The institution is giving the best teacher awards that also include the research contribution of the faculty.

3.4.8 Provide details of

- * research awards received by the faculty
- * recognition received by the faculty from reputed professional bodies and agencies

Table 3.4.8 A: Research Awards and Recognitions Received by the Faculty.

S.No	Name of the Faculty	Designation	Award	Received From	Year
1	Prof. M. Bhagvanth Rao	Sr. Director	UGC National Lecturer	UGC	1974
2	Prof. M. Bhagvanth Rao	Sr. Director	Best Teacher Award	Govt of Andhra Pradesh	1996
3	Prof. M. Bhagvanth Rao	Sr. Director	Bhatnagar		1984
4	Dr. M. Mukunda Vani	HOD	Best Paper	BITS Pilani, Hyderabad	

			Presenter Award	Campus	2013
5	Dr. M. Mukunda Vani	HOD	Best Paper presenter	society of applied biotechnology, July 2011	July 2011
6	Dr. V.Vijaya Kumar	Professor, Dean- Dept. of CSE & IT	Best Paper Award	ICICSE -2013	2013
7	Dr. V.Vijaya Kumar	Professor, Dean- Dept. of CSE & IT	One among Top 100 Scientists 2010	International Biographical Centre, Cambridge, England	2010
8	Dr. V.Vijaya Kumar	Professor, Dean- Dept. of CSE & IT	Gold Plated Silver Medal Award	Indian Red Cross Society From Governor of Andhra pradesh	2009
9	Dr. V.Vijaya Kumar	Professor, Dean- Dept. of CSE & IT	Meritorious Teachers- 2009	JNTUK, Kakinada	2009
10	Dr. V.Vijaya Kumar	Professor, Dean- Dept. of CSE & IT	JNTUK Researcher- 2009	JNTUK, Kakinada	2009
11	Dr. V.Vijaya Kumar	Professor, Dean- Dept. of CSE & IT	Leading Scientist of the WORLD -2009	International Biographical Centre, Cambridge, England	2009
12	Dr.G.Vishnu moorthy	Professor, Dean- Dept. of CSE & IT	Best Paper award	ICICSE-2013	2013
13	Dr. A.Prashanth Rao	Professor	Best Paper award at IEEE	ICCICR	Dec, 2015
14	G. Sekhar Reddy	Associate Professor	Best Teacher for outstanding performance in Academics	Scient Institute of Technology, Hyderabad	24 th Apr, 2010
15	M.AkifulHaque	Asst Professor	Young Scientist	Omics	2015
16	Dibyalochan Mohanty	Asst Professor	Best Poster Award	Omics	2015
17	B.Hemanth	Asst Professor	Achari Prize	Indian Pharmacological Society	2015
18	M.Rahul Kakalij	Asst Professor	Best Poster Award	JNTUH	2014
19	LalithaJyoshna	Associate professor	Best Poster Award	Theegala Krishna reddy college of pharmacy	29 th & 30 th Dec 2015
20	Mr.G.PrabhakarRaju	Associate Professor	Best Mentor for TGMC Projects Awarded by IBM	IBM	2013
21	Dr. Shirina Samreen	Associate Professor	Best Paper Award	IEEE ICCIC 2015	Dec-2015
22	Mrs.M.Sridevi	Associate Professor	Received Best Teacher Award	Anurag Group of Institutions	14/9/2016

Recognition received by the faculty from reputed professional bodies and agencies

Table 3.4.8 B: Recognition Received by the Faculty from Reputed Professional Agencies.

S. No	Name of the faculty	Designation	Professional Society
1	Prof. M. Bhagvanth Rao	Sr. Director	IICHe 2008
2	Prof. M. Bhagvanth Rao	Sr. Director	American Institute of Chemical Engineers – 2011
3	Dr. V. Vijaya Kumar	Professor	CSI, ISCA, ISTE, IE(I), IETE, ACCS, CRSI, IRS, REDCROSS,
4	Dr. G. Vishnu Murthy	Professor	CSI
5	Dr. G. Sabitha	Assoc. Prof	MTC
6	Dr. G. Sabitha	Assoc. Prof	IIEM
7	Dr. G. Sabitha	Assoc. Prof	ISC
8	Dr. R. Venkat Reddy	Professor	ISTE, IIPE , REDCROSS
9	Mr. K. Srinivasa Chalapathi	Assoc Professor	ISTE, ASME
10	Dr. P. RavikanthRaju	Assoc Professor	ISTE
11	Mr. Md. Sikander Baba	Assoc Professor	ISTE
12	Mr. T. Prasad	Assoc Professor	MISTE
13	Mr. N. V. Siva Sai	Asst Professor	MISTE

3.4.9 State the incentives given to faculty for receiving state, national and international recognitions for research contributions.

Table 3.4.9: Suitable Incentives are to be given for Research Contribution.

S.No	Policy	Incentives to the faculty
1	Attending workshops	Registration fees, Ta and DA, and academic leave
2	National/international conferences	Registration fees and travel grant, academic leave
3	Publishing research papers in international journals	Registration fees

3.5 CONSULTANCY

3.5.1 What is the stated policy of the college for structured consultancy? List a few important consultancy services undertaken by the College.

The college is committed to encourage faculty members in providing consultancy for the design, evaluation of curriculum, research, automation, software development and infrastructure development. The college strives to establish collaboration with industries to resolve the existing drawbacks and to upgrade the systems. Further, various training programs on Vermicompost, Sericulture, Recycling the waste papers etc. are provided to the nearby rural people. The College continuously encourages the faculty members and technical staff to develop and establish the in-house experimental set-ups.

Table 3.5.1: List of Consultancy Services Undertaken.

S.No	Consultancy	Organization
1	E-Akshaya	Wings Solutions
2	E-Schools	Coign Technologies
3	Tata Consultancy Services(TCS) has setup an Online testing	Tata Consultancy Services(TCS)

	center TCS-iON at Anurag Group of Institutions in the year 2013 through which an amount of Rs 200,0000, out of which a share of Rs. 600,000 has been generated for Dept. of Information Technology.	
4	Dr.Reddy's Laboratory	AGI
5	Celestial BioLabs	AGI
6	Green Evolution	AGI
7	KP LABS	AGI
8	Process development in industry, Designing, Monitoring the projects	IICT
9	Process development in industry, Testing	M/s Rhyme Organics and Chemicals Ltd
10	Process development in industry, Monitoring the projects	Prabhava Organics Ltd
11	Monitoring the projects, Resolving the problems related to environmental pollution control	Enfab Ltd
12	Process development in industry, Testing	Fleming Lab Ltd
		Rane Engines Valves Ltd
		Pioneer Enviro Laboratories and Consultant and pvt ltd
		AVA BIOTECH
		VV MED labs
13	Monitoring the projects	Raayalaseema alkalies and allied Chemical ltd
14	Testing and Designing	Sparkvee Fine chemical Ltd
15	Training their employees in technical and analytical skills, Monitoring the projects	Dr. Reddy' s Laboratories

3.5.2 Does the college have College-industry cell? If yes, what is its scope and range of activities?

Yes, a separate Industry Institute Interaction Cell (IIC Cell) has been setup with the financial assistance from the institution. IIC promotes research and consultancy at faculty level. It assists students to acquire practical knowledge by giving them industrial exposure and training required, where they can practically apply the concepts they have learnt. It also guides the students to obtain industry-related projects.

- It collaborates with the industry for organizing in-plant training to the students and Industry-based projects for final year students.
- It organizes frequent Industrial visits for the faculty and students to promote student's involvement in industry-oriented projects.
- To bridge the gap between academia and industry, experts fro industry are invited to deliver guest lectures and as resource persons for various conferences, seminar and workshops.

- Cell organizes the following programs to bring out the hidden potential of the students
- Organizing in-house technical events for the students.
- Assisting the students to participate in innovative program contests conducted by Industry.

3.5.3 What is the mode of publicizing the expertise of the college for consultancy services? Mention the departments from whom consultancy was sought.

Expertise available in the college is publicized through the college website, college newsletter, brochures, mails/emails, individual department webpages and interaction with the industry during industrial visits. Moreover through TCS Academia Interface Program (AIP), many of the faculty members have acquired their expertise in TCS Campus Commune to promote consultancy.

3.5.4 How does the College encourage the faculty to utilize the expertise for consultancy services?

The following are the source of encouragement by the college to the faculty to utilize their expertise for consultancy services:

- The college provides physical and intellectual support services to faculty who wish to undertake consultancy projects.
- A consultancy service successfully undertaken by a faculty is treated as equivalent of research work in their performance appraisal.
- On duty facilities are provided to the faculty who undertake consultancy projects to proceed comfortably.
- Academic workload is reduced for faculty who are involved in consultancy activities.

3.5.5 List the broad areas of consultancy services provided by the College and the revenue generated during the last four years.

Table 3.5.5: List of Consultancy Services Undertaken.

S.No	Name of the faculty member	R&D and consultancy work with amount Funding		Holding an incubation unit
		Agency	Amount	
1	Prof.M Bhagvanth Rao	State Agency/ private sector	40,000	R &D Projects and consultancy are being carried out in local industries ,IICT etc.
2	Dr. Vijay Kale	State Agency/ private sector	30,000	Consultancy with oil industries
3	Mr. B. Siddaiah	State Agency/ private sector	30,000	Consultancy Project for M/s Rhyme Organics and Chemicals Ltd
4	Dr. Savita Belwal	State Agency/	30,000	Consultancy project for M/s Rhyme Organics

		private sector		and Chemicals Ltd
5	Dr. N. Anil	State Agency/ private sector	25,000	Project for M/s Prabhava Organics Ltd
6	Mrs. M. Mukunda Vani	State Agency/ private sector	25,000	Consultancy projectfor M/s Prabhava OrganicsLtd
7	Mr. Farid Khan	State Agency/ private sector	20,000	Consultancy projectwith EnfabLtd.
8	Mr. M. Chandra Mohan	State Agency/ private sector	20,000	Consultancy projectfor M/s Enfab Ltd
9	Ms. M. Shireesha	State Agency/ private sector	20,000	Consultancy projectfor M/s Enfab Ltd
10	Mrs.N. Rama	State Agency/ private sector	20,000	Consultancy projectfor M/s Enfab Ltd
11	Mr. Shravan Kumar	State Agency/ private sector	15,000	Consultancy projectfor M/s Rhyme Organicsand chemicals Ltd
12	Sk. Shaheda	State Agency/ private sector	20,000	Consultancy projectfor M/s Rhyme Organics and chemicals Ltd
13	Nupur Gangal	State Agency/ private sector	15,000	Consultancy projectfor M/s Rhyme Organicsand chemicals Ltd
14	Prof.M Bhagvanth Rao	State Agency/ private sector	40,000	R &D Projectsand consultancy arebeing carriedoutinlocal industries ,IICTetc
15	Dr. Vijay Kale	State Agency/ private sector	30,000	Consultancy withoil industries
16	Dr. Savita Belwal	State Agency/ private sector	30,000	Consultancy projectwith EnfabLtd.
17	Dr. N. Anil	State Agency/ private sector	30,000	Consultancy Projectfor M/s Rhyme Organicsand Chemicals Ltd
18	Mrs. M. Mukunda Vani	State Agency/ private sector	25,000	Consultancy withoil industries
19	Mr. M. Chandra Mohan	State Agency/ private sector	25,000	Consultancy projectfor M/s Rhyme Organicsand Chemicals Ltd
20	Mrs.N. Rama	State Agency/ private sector	25,000	Consultancy projectfor M/s Prabhava OrganicsLtd
21	Sk. Shaheda	State Agency/ private sector	20,000	projectfor M/s Prabhava Organics Ltd
22	G.Radhika	State Agency/ private sector	20,000	Consultancy projectfor M/s Enfab Ltd
23	D.Shruthi Keerthi	State Agency/ private sector	20,000	Consultancy project for M/s Enfab Ltd
24	Mr.V.Kalyan	State Agency/ private sector	20,000	Consultancy project for M/s Enfab Ltd
25	K.Meenakshi	State Agency/ private sector	20,000	Consultancy project for M/s Rhyme Organics and chemicals Ltd
26	P.Aparna	State Agency/ private sector	15,000	Consultancy projectfor M/s Rhyme Organics and chemicals Ltd
27	Prof.M Bhagvanth Rao	State Agency/ private sector	40,000	R &D Projects and consultancy are being carried out in local industries ,IICT etc
28	Dr. Vijay Kale	State Agency/ private sector	30,000	Consultancy with oil industries

29	Dr. Savita Belwal	State Agency/ private sector	30,000	Consultancy Project for M/s Rhyme Organics and Chemicals Ltd
30	Dr. N. Anil	State Agency/ private sector	30,000	Consultancy project with Enfab Ltd.
31	Mrs. M. Mukunda Vani	State Agency/ private sector	25,000	Project for M/s Prabhava Organics Ltd
32	Mr. M. Chandra Mohan	State Agency/ private sector	25,000	Consultancy project for M/s Prabhava Organics Ltd
33	Mrs.N. Rama	State Agency/ private sector	25,000	Consultancy project for M/s Rhyme Organicsand Chemicals Ltd
34	Sk. Shaheda	State Agency/ private sector	20,000	Consultancy projectfor M/s Enfab Ltd
35	G.Radhika	State Agency/ private sector	20,000	Consultancy projectfor M/s Enfab Ltd
36	D.Shruthi Keerthi	State Agency/ private sector	20,000	Consultancy projectfor M/s Enfab Ltd
37	Mr.V.Kalyan	State Agency/ private sector	20,000	Consultancy projectfor M/s Rhyme Organicsand chemicals Ltd
38	K.Meenakshi	State Agency/ private sector	20,000	Consultancy projectfor M/s Rhyme Organics and chemicals Ltd
39	P.Aparna	State Agency/ private sector	15,000	Consultancy projectfor M/s Rhyme Organicsand chemicals Ltd
40	Prof. M. Bhagvanth Rao	State Agency/ private sector	40,000	R &D Projectsand consultancy arebeing carriedoutinlocal industries ,ICTetc
41	Dr. N.Anil	State Agency/ private sector	30,000	Consultancy withoil industries
42	Dr. Savita Belwal	State Agency/ private sector	30,000	Consultancy projectwith EnfabLtd
43	Dr. M.Mukunda Vani	State Agency/ private sector	30,000	Consultancy Projectfor M/s Rhyme Organicsand Chemicals Ltd.
44	M.Shireesha	State Agency/ private sector	25,000	Consultancy projectfor M/s Enfab Ltd
45	N.Rama	State Agency/ private sector	25,000	Consultancy projectfor M/s Prabhava OrganicsLtd
46	V.Ramanjaneyulu	State Agency/ private sector	25,000	Consultancy projectfor M/s Rhyme Organicsand Chemicals Ltd
47	Sk.Shaheda	State Agency/ private sector	20,000	Consultancy projectfor M/s Enfab Ltd
48	G Radhika	State Agency/ private sector	20,000	projectfor M/s Prabhava Organics Ltd
49	V.Kalyan	State Agency/ private sector	20,000	Consultancy projectfor M/s Rhyme Organicsand chemicals Ltd
50	D.Sruthi Keerthi	State Agency/ private sector	20,000	Consultancy projectfor M/s Rhyme Organicsand chemicals Ltd
51	K.Meenakshi	State Agency/ private sector	20,000	Consultancy projectfor M/s Rhyme Organics and chemicals Ltd
52	Abdul Raof Ahmed Razvi	State Agency/ private sector	15,000	Consultancy projectfor M/s Enfab Ltd
53	P.Aparna	State Agency/ private sector	20,000	Rhyme Organics and chemicals Ltd

54	A.Jagdeesh	State Agency/ private sector	20,000	Consultancy project for M/s Enfab Ltd
55	Dept. of IT	State Agency/ private sector	200,0000	Tata Consultancy Services(TCS)- has setup an Online testing center TCS-iON at Anurag Group of Institutions in the year 2013 through which an amount of Rs 200,0000, out of which a share of Rs. 600,000 has been generated
56	Dr.Vasudha Bakshi	State Agency/ private sector	25000	Self Nano Emulsifying Delivery Systems Of Lurasidone And Preparations Thereof For Oral Administration
57	Dr.Vasudha Bakshi	State Agency/ private sector	25000	Pharmaceutical Compositions For The Coordinated Delivery Of Naproxen And Lansoprazole
58	Dr.Vasudha Bakshi	State Agency/ private sector	96000	Polyherbal Evaluation

3.6 EXTENSION ACTIVITIES AND INSTITUTIONAL SOCIAL RESPONSIBILITY (ISR)

3.6.1 How does the College sensitize the faculty and students on Institutional Social Responsibilities? List the social outreach programmes which have created an impact on students' campus experience.

The college makes efforts to make students and faculty to be aware of their responsibilities towards the societal issues. The college has two National Service Scheme units with two Programme Officers and 380 student volunteers. The students experience rural lifestyle, identify community problems and understand the social issues, and they will give suggestions to the identified problems as a part of Community Projects. The mandatory seven day annual NSS Special camp is organized for villagers every year. Moreover, the college organizes social outreach programs and CSR activities in various forms like CVSR sahaya, Entrepreneurship Development Cell and Lions Club. Programs on Women Empowerment, Career Orientation were organized to the school and village youth in the college.

Two weeks free vocational training program for unemployed youth of surrounding villages like Venkatapur, Tenugudem, Korremula, Chowdariguda, Jodimetla and Ghatkesar on the following Areas:

1. Computer Hardware and Networking
2. Welding and Lathe Work
3. House Wiring
4. Personality Development and Communication Skills.

The college has signed an MoU with VIHE (Vivekananda Institute of Human Excellence), Hyderabad as a part of Institutional Social Responsibility of the college.

The Institute’s NSS Unit is working with Lions Club of Malkajgiri, Police Department, Govt Programmes, and CVSR is working with Sahaya, and charitable organizations.

Table 3.6.1: The Social Outreach Programmes Organized on the Campus By NSS during the Last Four Years.

S. No	Name of the Activity	Date of the Event	Name of the Organization	Participants
2016- till date				
1	Youth for change mini conference	10-04-2016	Infosys, Gachibowli, Hyderabad	10
2	Sate level youth workshop on “Conservation of Bio diversity”	19-04-2016	AGI	65
3	Haritha Haram	13-07-2016	AGI	650
4	Anti ragging program	29-07-2016	AGI	2500
5	Clay Ganesha	03-09-2016	AGI	370
2015-16				
1	Diyal(thought transformation)	11-04-2015	Shilparamam, Hyderabad	85
2	International Yoga Day	21-06-2015	Annojiguda	45
3	Awareness on Paradhanamanthri Janadhan Yojana	28-05-2015	Ghatkesar	65
4	World Environment Day	05-06-2015	AGI	165
5	Digital India Programme	21-08-2015	AGI	86
6	Seminar on “How to be Successful in Life?”	04-09-2015	AGI	174
7	National Level Youth Entrepreneurship Development Program	07-09-2015 to 11-09 2015	AGI	40
8	Blood Donation Camp	26-09-2015	AGI	175
9	Soft skill Training Program	10-11-2015	AGI	220
10	Free Yoga Training Program	14-03-2016 to 22-03-2016	AGI	80
2014-15				
1	Tree Plantation Program	14-12-2014	AGI	500
2	Concentration and Meditation Training Program	16-10-2014	AGI	223
3	Swach Bharath	14-11-2014	AGI	80
4	National Unity Day	31-10-2014	AGI	122
5	Health awareness program on Breast Cancer, Arterial,Nervous Stroke	18-10-2014	AGI	220
6	International Literacy Day	08-09-2014	AGI	182
7	Environmental Protection Awareness	26-08-2014	AGI	150
8	Awareness Program on anti Corruption and Right to Information Act	23-08-2014	AGI	182
9	National Youth Convention Program	08 & 09-08-2014	RK Math, Hyderabad	12
10	World Health Day Celebrations	07-04-2014	AGI	184
2013-14				
1	World Environment Day(Poster	05-06-2014	AGI	150

	Presentation Competition)			
2	Conducted World Health Day Celebrations and Awareness program	07-04-2014	AGI	180
3	Seminar on “Legal Awareness Program”	06-01-2014	AGI	220
4	Lung Cancer Awareness program	23-09-2013 & 24-09-2013	AGI	300
5	Free Health Camp	10-07-2013 to 12-07-2013	AGI	270
6	NSS Volunteers Visited and Donated Items to the Orphanage	18-09-2013	Vanastalipuram	50
2012-13				
1	Blood Donation Camp	13-03-2013	AGI	249 Units Blood (Participants)
2	Woman Empowerment (Woman’s Day)	08-03-2013	AGI	240
3	Seminar on “International Student Leadership Day”	02-02-2013	JNTUH	140
4	United Nations Conference (Cop-11) on “Bio Diversity”	01-10-2012 to 19-10-2012	Hitech City, Hyderabad	15
5	Seminar on “Worlds Suicide Prevention Day”	10-09-2012	AGI	120
6	Free Vocational Training Program for un Employed youth	14-05-2012 to 26-05-2012	AGI	120

3.6.2 How does the College promote College-neighborhood network and student engagement, contributing to holistic development of students and sustained community development?

Promoting College-neighborhood network and student engagement for sustained community development:

The college-neighborhood network and student engagement has contributed to the holistic development of students and sustained community development. The contribution by the students in community development activities has sown the seed of social responsibility in the minds of the students. Some of the important traits that are inculcated during the community development programs are listed below:

Students involved in social service realize that service is an integral part of human life, and that service to the disadvantaged gives indescribable satisfaction. They realizes the social issues that affect the lifestyle of the rural people.

The awareness programs conducted on the importance of clean environment, adult literacy, education of girl child etc. becomes reinforcement on the young minds to practice what they profess.

Blood donation by students has a positive impact on their personality. They become agents of a major life saving activity. This noble idea saved many people especially children from dengue fever during that critical period.

The students learn to protect the environment through planting trees, and removal of plastic waste from the villages.

The joy of serving is well-understood and appreciated by the students. It continues even after they complete their degree course in the college. A batch of alumni from the college actively involved in various community development activities, and they also help the economically weaker students in their education. The college is committed to transform the students into socially responsible citizens and make them contribute to the society.

The college-neighborhood network has been promoted by adopting the neighborhood villages for a period of 3 to 5 years, which consists the villages of Ghatkesar mandal (12 villages).

NSS Volunteers surveyed the following things in the 12 villages

- Socio-Economic Survey
- Survey on cleanliness and greenery of the village
- Survey on unemployed youth
- Need of awareness on anti tobacco, liquor, gutka, superstition programs etc
- Survey on health and hygienic issues
- Survey on school dropouts

After a long survey conducted on the foresaid, NSS volunteers finally selected three villages (Korremula, Tenugudem, Venkatapur) and adopted them. These three villages are found to be very weak in all the above respects.

Several outreach programs are conducted towards community development, and the students are engaged in these community development programs. The following activities are carried out for sustained community development.

Table 3.6.2: Special Events Organized in the nearby Villages by the NSS unit of AGI.

S.No	Name of the Village	Date of the Event	Title of the Event	No. of NSS Volunteers participated	No. of Villagers Benefited
2016-17					
1	Korremula Village	02-05-2016 to 11-05-2016	Summer Camp	25	120
2015-16					
1	Korremula village	19-05-	Swachh Bharath	56	All villagers

		2015			
2	Korremula village	20-06-2015	Spectacles Donation Program	20	65
3	Nadanavanam, Narapally	03-07-2015	Harithaharam	45	
4	Korremula village	02-10-2015	Swachh bhath & optical donation on the occasion of Gandhi jayanthi	45	30
5	Venkatapur village	09-10-2015	Health awareness program in collaboration with nitrify	38	150
2014-15					
1	Korremula village	17-03-2015	Awareness on "Consumer rights" on the occasion of World Consumer rights day	152	340
2	Korremula, Tenugudem, venkatapur villages	22-02-2015	Pulse polio immunization Programme	284	568
3	Korremula, Tenugudem, venkatapur villages	25-02-2015	"Voter awareness" on the occasion of National voters day	143	1656
4	Ghatkesar mandal (all villages)	19-08-2014	Samagra kutumba survey support to the Telangana Govt	287	6635
5	Ghatkesar mandal (all villages)	30-04-2014	Volunteered to the General Elections to assist the polling officials	210	1250
6	Keral	30-10-2014 to 1-11-2014	National Entrepreneurship workshop(in association with Infosys)	4	
2013-14					
1	Gajulagutta Village, guduru mandal Warangal District	14-05-2014	Helping to hit hailstorm Village	20	240
2	Venkatapur&tenugudem villages	15-03-2014	Eye checkup Camp	28	110
3	Surrounding villages of AGI	24-04-2014	Health camp	65	350
2012-2013					
1	Tenugudem village	17-02-2013 to 23-02-2013	Mega eye camp	50	120
2	Tenugudem village		Bus stop	85	All villagers

			inauguration		
3	All the villages of Ghatkesar mandal	14-05-2012 to 26-05-2012	Free vocational training program for unemployed people	60	120

3.6.3 How does the College promote the participation of students and faculty in extension activities including participation in NSS, NCC, YRC and other National/ International agencies?

Students are encouraged to enroll and participate in NSS in the first year itself. The college has two NSS units with the strength of 380 volunteers. Every year, an introductory program is organized for those who have newly joined in NSS. Moreover, the college encourages the NSS volunteers to participate in various societal uplifting activities by providing free vehicle to reach the camp site and also to their hometown. If volunteers are selected to participate in state and national programs, then institution will help them to participate by supporting them financially and other kinds.

Table 3.6.3: Participation of Students and Faculty in Extension Activities for the Development of the Nation.

S.No	Title of the Program	Resource Person/ Organization	Date	Remarks
2016-17				
1	National integration camp	Agra	13-06-2016 to 19-06-2016	Participated in Various competitions & Swachh Bharath, Language exchange, Discussed about Independence day
2	Youth for change Conference	Ravindra Bharthi, Hyderabad	04-09-2016	Awareness about social works & society
3	Digital India Workshop	JNTUH	20-09-2016	Theme of the Programme Engage-Educate-Empower
4	National Integration camp	AGI, Hyderabad	24-10-2016 to 30-10-2016	Yoga, physical exercise, Intellectual Programs, Cultural activates, Shramdhanam, Health Camp,
5	West zone PRE RD Parade Camp	M S University, Baroda,Gujrath	02-11-2016 to 11-11-2016	Participated for the Selection to Participate in Republic Day Parade 2017,New Delhi
2015-16				
1	National Level Youth Entrepreneurship Development	AGI Association with Rajiv Gandhi National Institute of Youth	07-09-2015 to 11-09-2015	Learn how to become successful as Entrepreneur

	Program	Development ,ICT Academy of Tamilnadu		
2	District Level Youth Festival	NSS cell Hyderabad	20-12-2015	Participated in Various events
3	University Level Youth Festival	JNTU, Hyderabad	30-12-2015	Participated in Various Competitions
	West zone PRE RD Parade Camp	Nagpur		Participated for the Selection to Participate in Republic Day Parade 2015,New Dilhi
2014-15				
1	National Entrepreneurship Workshop	Nehru College of Engineering & Reseach Centre, Kerala	30-10-2014 to 01-11-2014	Learn how to become successful as Entrepreneur
2	West zone PRE RD Parade Camp	Dhavaleshwaram, Rajahmundry,AP	12-10-2014 to 21-10-2014	Participated for the Selection to Participate in Republic Day Parade 2014,New Dilhi.
2013-14				
1	National Youth Policy(NYP-2014&RGKA)	JNTUH	21-02-2014	Development & Empowerment OF YOUTH & Promotion of Sports in the country
2	National Adventure Camp	WHMI,Narkhanda,shimla,Himachal pradesh	23-12-2013 to 01-01-2014	Training on disaster management and self Protect
3	Capacity Building training program	Tamilnadu	11-11-2013 to 17-11-2013	Improvement in the students capacity on employability skills and entrepreneur skills
4	Interstate youth exchange & home Stay programme	Itanagar,Arunachalpradesh	18-09-2013 to 27-09-2013	To learn & adopt environment and culture of the other state by promoting national integration, ready to work in any place &any situation
2012-13				
1	Seminar on "international student leadership day"	JNTUH	02-02-2013	TO Enhance the leadership skills in students
2	42 nd ISTE Annual Convention	AGI	20-12-2012 to 22-12-2012	Achieve excellence in Technical Education- Opportunities and threats
3	United Nations Conference(COP-11)	Hitech hyderabad	01-10-2012 to 19-10-2012	Biodiversity

3.6.4 Give details on social surveys, research or extension work (if any) undertaken by the College to ensure social justice and empower the under-privileged and most vulnerable sections of society?

Rural Development programs are organized to cater to the needs of the school dropouts by enlightening them with the employment opportunities, avenues of higher education and the significance of computer usage along with internet in industries, institutions and other organizations.

The college organizes several programs in the nearby villages by the students and faculty to address the empowerment of women as well as the under-privileged and the most vulnerable sections of society.

The college provides facilities to conduct election training classes for both assembly and parliamentary elections.

The college has taken efforts to open a post office and one ATM by SBH Bank in its premises for the benefit of students, faculty and the local community living near the college.

The NSS team has conducted a one day maintenance program at villages, government hospitals and government offices at Ghatkesar mandal.

A social survey was conducted at Venkatapur and Tenugudem, and the observation made is incorporated in the following table:

Table 3.6.4: Social Surveys, Research or Extension Work (if any) Undertaken By the College

S.No	Venkatapur& Tenugudem village (Identified Problems)	Suggested Solutions
1	Drinking water is polluted	Establishment of water plants
2	Problems of Sanitation & Drainage	Approaching to the officials and take self initiation by the villages to construct & maintain
3	Health Problem(skin allergy) due to Polluted Water	Regular usage water maintenance and maintaining surrounding cleanliness & follow the doctor Suggestions
4	Problem of Mosquitoes	Underground Drainage system& maintaining the cleanliness everyone in the village and use the mosquitoes prevention medicine
5	Lack of Knowledge on Govt Schemes & Welfare Programs	Take the initiation educated people in the village to know about the Govt schemes and welfare Programs by visiting the Govt officers ,Internet that information communicate to villages in frequently
6	Neglecting Children and Women Nutrition Food Habits	Taking doctor suggestion and balancing the nutrition food with their available resources
7	Smoking and alcohol	Making villagers awareness on effect and causes of consuming Smoking and alcohol
8	Women Empowerment	Making awareness and opportunities for the women in all the fields so that village girls and women's will get motivated by their take careers
9	More Monkey in the village	Planting the trees and make separate arrangements for the monkeys out of the village so that village will not get disturbed
10	Hospital facility	By taking initiation by the villagers arranging doctor at least weekly ones

11	Improper maintenance & Infrastructure of schools	Regular maintenance, renovations of the infrastructure and good supervision
12	Lack of teachers in schools	Approaching to NGOs to depute teachers for the schools and give the request letter to the MEO's
13	Streetlights	Collecting the contributions and asking short form money from the gramapanchayath and keeping supervision on maintenance
14	School dropouts	Identify the dropout reason and giving solutions to the dropout students

It is identified from the above survey that there are certain problems faced by the both the villages (Venkatapur and Tenugudem). The students and faculty with their engineering knowledge suggested some of the solutions to the identified problems.

Rural Development Programs are organized to cater to the needs of the school dropouts by enlightening their employment opportunities, avenues of higher education and the significance of computer usage along with internet in industries, institutions and other organizations.

The girl students and faculty of the college organizes several programs in the nearby villages to address the empowerment of women as well as the under-privileged and the most vulnerable sections of society.

The college provides facilities to conduct election training classes for both assembly and parliamentary elections.

3.6.5 Give details of awards / recognition received by the College for extension activities / community development work.

Table 3.6.5: Awards/ Recognition Received By the College for Extension Activities / Community Development Work.

S.No	Name of the Participant	Name of the Activity	Date of the Event	Name of the Award	Name of the Organization
2016-17					
1	C.Mallesha Program Officer- NSS	On the occasion of bucket immunization program (Environment protection)	07-09-2016	Prakrithi Mithra	Mallareddy Engineering College
2	V.vaishanavi B.Phram	On the occasion of bucket immunization program (Environment protection)	07-09-2016	Prakrithi Raksha	Mallareddy Engineering College
3	B.Manish Reddy- Civil 13h61A0114 B.Konal- Civil 13h61A0110	State level Youth Workshop on "Conservation on Biodiversity"	19-04-2016	Shanthi Duth	AGI
4	AGI NSS Volunteers	National Level Digital India	20-09-2016	1st Prize in Skit	JNTUH, Hyderabad
5	B. Manish Reddy- Civil 13h61A0114	State Level Best NSS Volunteer Award Function	02-10-2016	State Best Volunteer	JNAF, Hyderabad
2015-16					

1	Sandilya paspati-Mech	State level Youth Festival		1 st Prize in Instrumental Play	Khammam
2014-15					
1	C.Malles Program Officer-NSS	A Pledge for Protecting Environment & Biodiversity	05-07-2014	Prakruthi Mithra	Harihara Kalabhavan, Secunderabad
2	Mamatha- MBA A. Abhiram Reddy-CIVIL	A Pledge for Protecting Environment & Biodiversity	05-07-2014	Prakruthi Rakshak	Harihara Kalabhavan, Secunderabad
3	A. Abhiram Reddy-CIVIL	State Youth Festival-Poster Presentation	10-07-2015	Consolation Prize	MGU Campus, Nalgonda
4	A. Abhiram Reddy-CIVIL	State Youth Festival-Photo Exhibition	10-07-2015	Second Prize	MGU Campus, Nalgonda
5	C.Malles Program Officer-NSS	Environment fest & NSS Day Celebrations	23-09-2014	Best NSS Program Officer Award	JNTUH, Hyderabad
6	Mamatha- MBA A. Abhiram Reddy CIVIL	Environment Fest & NSS Day Celebrations	23-09-2014	University Level Best NSS Volunteer Award	JNTUH, Hyderabad
7	A. Abhiram Reddy-CIVIL	Environment fest & NSS Day Celebrations	23-09-2014	University Level Best NSS Volunteer Award	JNTUH, Hyderabad
8	C.Malles Program Officer-NSS	State Level Best NSS Volunteer Award Function	24-09-2014	Best Program Officer	KU.Warangal
9	Mamatha- MBA A. Abhiram Reddy-CIVIL	State Level Best NSS Volunteer Award Function	24-09-2014	Best Student Volunteer	KU.Warangal
10	A. Abhiram Reddy-CIVIL	State Level Best NSS Volunteer Award Function	24-09-2014	Best Student Volunteer	KU.Warangal
2013-14					
1	Archana	World Environment Day	05-06-2014	1 st Prize	AGI
2	M.Mamatha-MCA	National event: Republic Day Parade Camp, New delhi	01-01-2014 to 31-01-2014	Selected for RD Camp, at Rashtra Pathi Bhavan, New Delhi	New Dilhi
3	V. Vaishnavi-B.Pharm	World Environment Day	05-06-2014	2 nd Prize	AGI
4	A. Abhiram Reddy-	World Health Day	07-04-2014	1 st Prize	AGI

	CIVIL	Celebrations			
5	A.Srimouthika-CIVIL	World Health Day Celebrations	07-04-2014	2 nd Prize	AGI
6	A. Abhiram Reddy-CIVIL	State level Youth festival	08-02-2014	Selected for State level Competition	JNTUH, Hyderabad

3.6.6 Reflecting on objectives and expected outcomes of the extension activities organized by the College, comment on how they complement students' academic learning experience and specify the values and skills inculcated?

The extension activities pervade all aspects of life on campus. Students are exposed to underprivileged people through the extension service programmes. The service experience inculcates the values and skills of

- Understanding one another.
- Learning to work together
- Enhanced communication skills
- Tolerance
- Genuineness
- Respect and empathy for fellow beings

In order to inculcate the spirit of “belongingness to the society” and also to know the social responsibility, the college takes efforts to organize various extension activities. Participation in such activities leads the students to develop strong IQ & EQ scores. Students become empathic towards the social issues that help them develop leadership and team building qualities.

3.6.7 How does the College ensure the involvement of the community in its outreach activities and contribute to the community development? Detail the initiatives of the College which have encouraged community participation in its activities.

The College continuously strives to identify the various needs of the nearby village communities and involve them in different outreach activities. The following is the list of such communities that take part in outreach programmes:

AGI Sahaya was started in 2009 by the students of CSE and gradually spread throughout the college with its open ideology and clear vision. It became an amalgamation of the student community from all departments and all years making itself more as an institutional organization than departmental work.

SAHAYA of the AGI started with an aim to provide support to the under privileged and the needy of the society as a whole, and with more concentration on such people in the

surroundings of the college campus. Transparency and clarity of vision and mission of the organization are the assets that made Sahaya a very successful student organization. The continuous dynamic leadership of various students over the years expanded the works of Sahaya from simple help to a few people to the level of a monthly support to orphanages and under-privileged. It also adopts and takes care of the uncared kids.

The activities of SAHAYA of the AGI includes visiting the old Age Homes, visit to orphanages, visiting government schools, visit to hostels for the blind and eye donation Camp. Several events are conducted namely, a rally on Anti-Ragging, Go Green Ganesh, Anti-Drug Addiction, and Blood Donation Camps. It also distributed text books to the students of Govt. school, and donated rice to orphanage.

Table 3.6.7: Initiatives by SAHAYA OF AGI in Outreach Activities and Contribution to the Community Development Details.

S.No	Orphanage Name	Date	Payment Mode	Out Come
1	SIDULU(Every Month 2000/-Rupees)	10-12-2014 To 05-03-2016	Cash	Improve Social service
2	PRIYANKA EEE DEPT(Every month 3000/-Rupees)	17-11-2015	cheque	Improve Social service
3	FRIEND FOUNDATION SPONSRING REFRIGERATOR	10-11-2015	Amount	Improve Social service
4	FRIEND FOUNDATION Adopted Children's Sponsoring the Books	10-06-2015	Amount	Improve Social service
5	FRIEND FOUNDATION Adopted Children's Sponsoring the text Books	30-06-2015	Cheque	Improve Social service
6	LALANA Clearing School Fee	04-03-2015	Transfer	Improve Social service
7	FRIEND FOUNDATION Adopted Children's Sponsoring School Fees	10-07-2015	Cheque	Improve Social service
8	FRIEND FOUNDATION Adopted Children's Sponsoring school fees	15-08-2015	Cheque	Improve Social service
9	Adopted Children's Birthday Celebration	18-08-2015& 05-10-2015& 26-10-2015	Amount	Improve Social service
10	Bharathi Memorial trust Sponsoring Parma	20-01-2015	Amount	Improve Social service
11	FRIEND FOUNDATION Adopted Children's Sponsoring school fees	12-10-2015	Cheque	Improve Social service
12	Bharathi Memorial trust Sponsoring Groceries	20-03-2015	Amount	Improve Social service
13	box's, banners and poster		Amount	Improve Social service
14	Lalana Foundation visiting	02-4-2015	Amount	Improve Social service

	(sweets & fruits)			
15	Bless Foundations (rice bag)	04-09-2015	Amount	Improve Social service
16	FRIEND FOUNDATION Adopted Children's(Every month 3000/-Rupees)	10-12-2014 To 8-01-2016	Cheque	Improve Social service
17	Aasara Foundation Adopted Children's(Every month 3000/-Rupees)	15-02-2016 Till 18-06-10-2016	Cheque	Improve Social service
18	FRIEND FOUNDATION Donated Mixer	10-01-2016	Cash	Improve Social service
19	ASHA KUTEER ORPHANAGE Donated VOLTAS water purifier	13-2-16	Cash	Improve Social service
20	Mr. Yadagiri staff(late) Children's Education fee	18-04-2016	Cheque	Improve Social service
21	Appendicitis Operation for Mrs. Lavanya- non teaching staff	18-05-2016	Cheque	Improve Social service
22	AUTIO 1.3 ASSETS (Banners,T-shirts)	15-3-2016	Cash	Improve Social service
23	LALANA Clearing School Fee	18-10-2016	Cheque	Improve Social service
24	LALANA for Grocery	20-11-16	Cash	Improve Social service

S.No	Event	Date	Amount	Outcome
1	AUTIO1.1	Aagama-2015	15000	Fund raising event for social cause
2	AUTIO1.2	sports day-2015	7000	Fund raising event for social cause
3	FOOD FOR A CAUSE	College Annual Day-2015	2000	Fund raising event for social cause
4	AUTIO1.3	Aagama-2016	18200	Fund raising event for social cause
5	SPORT EVENT	Occultation of AAug-15,2016	5000	Fund raising event for social cause
6	Students Donations for Social Cause till date	2015 to Till date	35850	Improve Social service
7	Ms.VenkatLaxmi (ECE Dept) Occasion of birthday	occasion of her birthday	2000	Improve Social service
8	MrsVandana (MBA Dept)	Social cause	3500	Improve Social service
9	Mrs .VijayaLaxmi (ECE Dept) Occasion of marriage day	Occasion of her daughter birthday	7000	Improve Social service
10	Mrs .Sudeepthi (CSE Dept)	Feb-16	5000	Improve Social service
11	Faculty Donations for Social Cause	2014 to Till date	175590	Improve Social service

The people of Korremula, Venkatapur and Tenugudem actively involved in village development activities like awareness on Govt. Schemes Education for adults programs and Safety Measures in Agriculture Sectors and First Aid program.

Human Chain Programme at Ghatkesar mandal on National Voter's Day, adopted village people, who actively involved in Awareness Programs on Tobacco, AIDS, Preserving the Environment, superstitions and Prevention of Fire Accidents.

The villagers willingly lined up for the General Health and Eye Checkup.

The students of government schools of Tenugudem and Korremula participated with enthusiasm in the training programs on Basics of Computer Communication and Personality Development Programmes.

Every year in adopted village, grama panchayath offices, govt. schools and minor renovation of roads and white wash are undertaken by college.

Also, professionals like Doctors, Lawyers, Social Activists, Educationalists and NGO representatives share their experiential knowledge about community service through invited lectures and workshops.

3.6.8 Does the College have a mechanism to track the students' involvement in various social movements / activities which promote citizenship roles?

Yes. To track the students' involvement in various social movements / activities the college has various clubs and societies monitored and mentored by the Department Faculty Coordinators, NSS Program Officers and Student Coordinators. To promote the involvement of student in social movement, group of students took part in Swachh Bharath Program to bring awareness on cleaning the surroundings, Harithaharam Program(Tree Plantation) and Health Awareness Program by conducting health camps in nearby villages.

In all the four academic years, Voters Day was organized on 25th January and brought awareness on voting and its importance. Students are encouraged to take part in the rally to draw the attention of rural public in the nearby location of Ghatkesar mandal. On the same day the students take a pledge on 'Right to Vote'

Also, a special drive was conducted to highlight the Social Outreach programme on the Awareness on "Consumer rights" on the occasion of World Consumer rights day held on 17-03-2015 at Korremula village.

These forums promote social activities outside the campus such as sapling plantation, blood donation, medical camp, road cleaning, etc. Moreover, during religious festival days, the students visit charity institutions such as orphanages, old age homes, homes for physically-challenged and mentally retarded children in and around Madurai and Virudhunagar district to provide their day-to-day needs.

3.6.9 Give details on the constructive relationships (if any) with other institutions in the nearby locality in working on various outreach and extension activities.

The college organizes various blood donation camps for the needy people in govt hospital by conducting Blood Donation Camps twice a year. Sapling Trees are planted by the student Volunteers in nearby villages.

As the college has signed and adopted villages-Korremula, Venkatapur and Tenugudem- to carry out community development activities, the college has constructive relationships with the above Panchayats.

The students of college also have initiated a forum named CVSR-SAHAYA, through which they collect donation from the alumni and contributing money to the deserving people in the society.

The college has constructive relationship with Police Department, AIDS Control Board, Govt Hospitals, mandal Office and Village Grama Panchayath since several programs have been conducted for them.

3.6.10 Give details of awards received by the institution for extension activities and/contributions to the social/community development during the last four years.

NSS unit of the AGI has been recognized for organizing more number of voluntary blood donation camps for needy patients of govt. hospitals and other private hospitals/ medical institutions in and around Gataklesar. Also the college has received the appreciation and awards by these institutions.

1. The Institution organized the National Integration Camp, and it is the first in kind to host the NIC in Telangana and Andra Pradesh. The institute was appreciated by the NSS Regional Directorate, Hyderabad, Ministry of Youth Affairs and Sports, Govt of India.
2. Indira Gandhi National NSS Award 2014-15: Mr. Anireddy Abhiram Reddy of the AGI has Secured Indira Gandhi National NSS Award 2014-15 among 298 universities and more than 3.6 million student volunteers all over the country. He has been awarded the first place in male category.
3. The President of India, Shri. Pranab Mukherjee presented the Indira Gandhi National Service Scheme Awards (2014-2015) at Rashtrapati Bhavan, New Delhi on (November 19, 2015). Ms. M.Mamatha–NSS volunteer of AGI is selected for Republic Day Parade Camp in 2014 in New Delhi. She has undergone Pre RD Selection, and she got selected to represent Telangana State as a Women Contingent.
4. Mr.C.Mallesha received State Level Best NSS Program Officers Award 2013-14 on 24-09-2014 at Kakatiya University, Warangal.

5. Ms M.Mamatha received State Level Best NSS Volunteer Award for 2013-14 on 24-09-2014 at Kakatiya University, Warangal.
6. Mr. Anireddy Abhiram Reddy received State NSS Best Volunteer Award for 2014-15
7. Mr. C.Mallesh received Best Social Service Programmes Organizer Award by Lions Club of Malkajgiri.
8. Mr. Manish Reddy received State Level Best NSS Volunteer Award 2015-16 by Lions Club Malkajgiri division.
9. Mr. B.Manish Reddy received Best Blood Donor for donating more times by Telangana AIDS Control Society and NACO.

3.7 COLLABORATION

3.7.1 How has the College's collaboration with other agencies impacted the visibility, identity and diversity of activities on the campus? To what extent has, the Institute benefitted academically and financially because of collaborations?

The College has interaction with teaching institutions, certification bodies, consultants, professional bodies and nearby industries for enhancing teaching-learning, research, training and placement and infrastructure maintenance. Collaboration with IIT Hyderabad NIT Warangal, Central University of Hyderabad, Osmania University Hyderabad, CRR Advanced Institute of Maths, Statistics and Computer Science and leading universities and leading MNCS like TCS, IBM etc. help in curriculum development, training of the faculty and exchange of the resources. Telangana Academy for Skill and Knowledge (TASK), National Entrepreneurship Network (NEN) are helpful, in skills development among students and faculty. Collaboration with IUCEE, IIT Bombay, IIT Kharagpur, NIT Warangal, JNTU Hyderabad, and other leading universities and institutions help in bridging gap between industry and institution; online preparation of online course materials under ICT.

The Department of Chemical Engineering of the institution has collaboration with following agencies to acquire Better knowledge for chemical engineering, employment & admission in foreign universities. Collaboration with industries such as Dr. Reddy's Laboratories, Central University, University of Hyderabad, CRR advanced institute of maths, statistics and computer science, NFC, Hyderabad, Inogen Labs, GVK Bio, Prabhava Organics, AVA BIOTECH, Clair Engineers Private Limited, SPARKVEE fine chemicals, Arpan Herbichem, etc. helps in getting summer internships and completion of B.Tech Final Year Projects.

The Department of CSE and IT has collaboration with industries such as TCS, Kony Labs, CMC Limited, Crane Global Solutions Limited, The Cresative Minds, Osmosys, CMC

Academy, Cogin Technologies and Wings Solutions has and these has lead to internships and live projects of B.Tech and M.Tech final year students. Collaboration with industries such as ORACLE, IBM, INFOSYS Campus Connect, IBM speed program, TCS- local infrastructure provider, Market space (IOT –Lab), has lead to internships, certification programmes, in exchanging thoughts by organizing seminars, and live projects of B.Tech and M.Tech final year students.

The department of ECE the institution has collaboration with industries such as BHEL, ECIL, DRDO, DLRL, DRDL, NETRU, Ananth Technologies, Astra Microsystems , National Instruments and it has lead to internships and live projects of B.Tech and M.Tech final year students.

The Department of EEE the institution has Collaboration with industries such as BHEL, NTPC NFC, ECIL, TSGENCO and Reputed Private Limited Company has lead to internships and live projects of B.Tech and M.Tech final year students. Collaboration with industries such as NSIC, Smart Bridge, VSES India Private Limited ect, help in getting summer internships and completion of EEE final year projects.

The Department of MBA has collaboration with industries such as Corporate Bridge, Angel Broking, Motilal Oswal Securities, Demo Today, Signode India Ltd etc. helps in getting summer internships and completion of MBA final year projects.

The Department of Mechanical Engineering has collaboration with industries such as DRDO, DRDL, DMRL, MIDHANI, Indian Railways, BHEL, ASHOK LEYLAND, Hindustan Aeronautics Ltd (HAL), BDL,NFC, Bosch Ltd., MG Metallic Springs, Amaraja batteries, Bevconvayors Ltd, NTPC, KLR Industries, Pennar Industries, Thyssenkrupp Industries, Atlas Corpco Ltd, Rani Engine valves, Ashok Leyland Industries, Mouldtec Ltd, Ramtech Industries, Mikroflow filters. etc has led to internships and live projects of B.Tech and M.Tech final year students.

The Department of Pharmacy the institution has collaboration with industries such as Virchow, Celestial BioLabs, Dr.Reddy’s Laboratory, KP LABS it has led to internships and live projects of B.Pharmacy and M.Pharm final year students.

Table 3.7.1: Benefits to the Institution from Collaborating Agencies.

S.No	Collaborating Agency	Benefits to the Institution	Academic / Financial
1	Dr. Reddy s laboratories	Till now over 2 crore income is being generated through training their employees Placements to our students	Both
2	Rhyme Organics and	Consultancy projects worth 25000	Financial

	Chemicals Ltd		
3	Prabhava Organics Ltd	Process development, Consultancy projects to the department which helped in gaining wide exposure to R&D. Student project and Placement.	Both
4	Enfab Ltd	Process development, Consultancy projects to the department which helped in gaining wide exposure to R&D. Student project and Placement.	Both
5	IICT HYDERABAD	Project works and summer internships	Academic
6	NFC HYDERABAD	Project works and summer internships	Academic
7	INDIA pesticides Ltd	Placement	Academic
8	BHEL	Internships and live projects	Academic
9	ECIL	Internships and live projects	Academic
10	DRDO	Internships and live projects	Academic
11	DLRL	Internships and live projects	Academic
12	DRDL	Internships and live projects	Academic
13	Ananth technologies	Internships and live projects	Academic
14	Astra Microsystems	Internships and live projects	Academic
15	National Instruments	Internships and live projects and certification programme	Academic
16	Navigational and research unit	Internships and live projects	Academic
17	UGC	Research and Development Activity	3.05 Lakhs
18	Celestial Bio-Labs	Research Activities and Training Programs	1,00,000
19	NCI (National Cancer Institute) USA	Research Activities	Academic

The collaboration of the college with the above agencies created a large impacted in identity and diversity of activities on the campus through professional bodies for the enrichment of the technical and other skills among the students and faculty.

3.7.2 Mention specific examples of, how these linkages promote

- * **Curriculum Development.**
- * **Internship, On-the-job training.**
- * **Faculty Exchange and Development.**
- * **Research Publications.**
- * **Consultancy, Extension student placement.**
- * **Any other, please specify.**

A. Curriculum Development

The Academic Council and BoS of each department have leading industrial experts and eminent professors from higher learning institutions like IITs, NITs, and IIIT's. The expert services are utilized in the curriculum development and planning research activities. All the departments conduct various seminars/ guest lectures by calling industry experts and leading academicians and their suggestions are also taken into considerations in improving

curriculum development, and this helps in improving overall academic standards of the institution. The linkage with various professional bodies like CSI, ISTE, IEI, etc... Provide access to experts in various engineering disciplines for curriculum development.

B. Internship, On-the-job Training

Collaboration with various industries has helped in providing internships, doing final year projects and getting exposure to the industrial environment. This resulted in substantial improvement in the quality of projects as well as exposure to the updated technologies. The Microsoft Learning Centre and IBM Training Centers of the campus helped a lot in getting placements for the institution.

C. Faculty Exchange and Development

- Collaboration with AICTE, DST, IIT-Bombay, IUCEE, NIT-Warangal facilitated to organize and attend various Faculty Development Programmes, Seminars, Workshops and National / International Conferences.
- Nearly 200 faculty members are trained and attended the workshops conducted by IIT Bombay, IIT-Kharagpur and NIT Warangal.
- Faculty members are encouraged to attend various Faculty Development Programmes of reputed institutes and gain knowledge in the key areas. Faculty members are also encouraged to do their Ph.D. course work at reputed institutes like NITs and JNT University which promotes exchange of knowledge.
- Faculty members gain knowledge from the industries through Industrial Visits. Industry projects are identified to promote industry institute interaction and industrial consultancy. The exchange of knowledge from the industries promotes industrial perspective to the faculty and students and also helps them to carry out industry related projects.

D. Research, Publication

Collaboration with AICTE, DST, DRDO and CSIR facilitated to publish research articles in National / International Journals / Conferences.

E. Consultancy, Extension Activities

The Consultancy Cell was established recently. However, Incubation Center and Entrepreneur Cell are functioning with collaboration with industrial experts to identify the talented students and faculty members to promote, entrepreneur skills and Start-ups.

Collaboration with IBM and INFOSYS helps the students to obtain International Certificates.

Collaboration with ORACLE enables the college to make use of licensed ORACLE Software for 500 users.

F. Student Placement

Placement benefits with collaboration of industry have not yet reached the expectation. However, MoUs with industries for placements and training are under progress.

- The college is well connected with the leading software companies like TCS, INFOSYS, IBM, etc. and Accenture etc., through various initiatives.
- To promote and increase the number of placements, the students are equipped with external training on Aptitudes and Soft Skills, Personality Development programmes. MoUs are signed with many companies which enhanced the number of students placed in, on and off campus.

G. Any other please specify

Professional body activities towards the curriculum and co-curricular activities

The collaboration of the College with the above agencies created a large impact in identity and diversity of activities on the campus through professional bodies for the enrichment of the technical and other skills among the students and faculty. Each department maintains various professional bodies and clubs. The activities are given below:

Table 3.7.2 A: Microsoft Innovation Center Activities of AGI

MIC Innovation Center Activities For The Academic Year 2012-13						
S. No	Name of the event/workshop/training	Venue	No. Of students participated	Date and Duration	Resource person	Outcome
1	Windows Phone 7 App Dev	Anurag Group of Institutions (AGI)	220	2 nd to 24 th January 2012 and 4 weeks	Mr. Naga Kumar, R & D Engineer, Edukinect	Students are able to develop applications using Microsoft Visual Studio, Phone Emulator and SDK 7.1
2	I Unlock Joy Competition	Anurag Group of Institutions (AGI)	60	13 th March 2012 and 1 day	---	Students are able to develop 374 phone applications and won 23 HTC Mobile Phones
3	Windows 8 App Development Program	Anurag Group of Institutions (AGI)	160	10 th to 15 th Sept 2012 and 1 week	Mr. Naga Kumar, R & D Engineer, Edukinect	Students are able to develop applications using Microsoft Visual Studio, Desktop Application Development
4	Windows-8 Coding Marathon App Fest 2012	White fields, Bangalore	64	21 st to 22 nd Sept 2012 and 2 days	---	Students are able to achieve Certificate of Participation

5	I Unlock Joy Competition-II	Anurag Group of Institutions (AGI)	23	15 th Nov 2012 and 1 day	---	Students are able to develop mobile applications and won 7 HTC Mobile Phones
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MIC Innovation Center Activities For The Academic Year 2013-14

S. No	Name of the event/ workshop/ training	Venue	No. Of students participated	Date and Duration	Resource Person	Outcome
1	Imagine Cup National Finals	The Park, Hyderabad	10	10 th April 2013 and 1 day	---	Students are able to develop applications using Microsoft Visual Studio 2012 features explained by Microsoft Engineers.
2	Windows 8 Store App Training	Anurag Group of Institutions (AGI)	98	17 th April 2013 and 4 day	Mr.Rajeesh, R & D Engineer, Edukinect	Students are able to develop applications on Web Development Fundamentals and publish 'Windows 8 Store apps'
3	MIC Coach Visit	Anurag Group of Institutions (AGI)	139	24 th July 2013 and 1 day	Ms. Rupali, Technical and R & D, Microsoft India	Students are able to get exposure on the latest Microsoft technologies and products
4	MTA Certification	Anurag Group of Institutions (AGI)	98	2 nd August 2013 and 1 day	---	Students are able to get certified in Web Development Fundamentals
5	AZURE Orientation Day	Anurag Group of Institutions (AGI)	180	1 st August 2013 and 1 day	Mr. Nithin, Student, III B.Tech,CSE	Students are able to explain about the Azure and its importance in the App Development

6	AZURE Training Day	Microsoft Office – Banjara Hills	2	10 th August 2013 and 1 day	Mr. Nithin, Student, III B.Tech, CSE	Students are able to develop applications using 'Windows Azure' and got certified as 'Windows Azure Champion'
7	Imagine Cup Orientation Day	Anurag Group of Institutions (AGI)	200	1 st Oct 2013 and 1 day	Mr.B Ravinder Reddy, Asst.Professor	Students are able to explain about various Competitions
8	Pre Ideation Fest	Anurag Group of Institutions (AGI)	22	7 th Oct 2013 and 1 day	Mr. B Ravinder Reddy, Asst.Professor	Students are able to present their ideas.

MIC Innovation Center Activities For The Academic Year 2014-15

S. No	Name of the event/ workshop/ training	Venue	No. Of students participated	Date and Duration	Resource person	Outcome
1	Microsoft Dynamics Orientation	Anurag Group of Institutions (AGI)	120	24 th February 2014 and 1 day	Ms. Parneetha, Sr. Engineer, Microsoft Academic Alliance	Students are able to explain CRM AND ERP tools of Microsoft
2	Windows 8 App Dev Training	Anurag Group of Institutions (AGI)	120	3 rd March 2014 and 1 day	Mr. Santosh Kumar, Technology Consultant, Edukinect	The training session boosted the skill of the students and helped them to learn and code the apps to deploy in Windows Store
3	MOS Certification	Microsoft India	85	10 th April 2014 and 1 day	Mr. Naga Kumar and Mr. Santosh, R & D Engineers, Edukinect	Students are able to learn the tips and tricks of Microsoft office 2013 and participated in COMPUDON-INDIA's 1st Ever Official

						Championship on Microsoft Office
4	MSP Orientation	Anurag Group of Institutions (AGI)	45	4th August, 2014 and 1 day	Mr. Ravinder Reddy B, Assistant Professor	Students are able to explain about Microsoft Student Partner Programme and MSP Challenges to be completed
5	Motivation Lecture	Anurag Group of Institutions (AGI)	90	8th August, 2014 and 1 day	Mr. SaiKiran – R&D Engineer	Students are able to explain about how the technology is rapidly increasing and how the technocrats had shown enthusiasm in developing more innovating applications around the globe
6	Windows Phone App Development Training	Anurag Group of Institutions (AGI)	98	24 th September 2014 and 3 days	Mr. Sandeep, R & D Engineering, Edukinect	Students are able to develop applicatons using HTML and Java Script
7	Microsoft Women In IT	Anurag Group of Institutions (AGI)	80	17th October, 2014 and 1 day	Ms. Deeksha, Sr. Consultant, Microsoft Academic Alliance	Students are able to explain on how to use various Microsoft Technologies in daily life

MIC Innovation Center Activities For The Academic Year 2015-2016

S. No	Name of the event/ workshop/ training	Venue	No. Of students participated	Date and Duration	Resource person	Outcome
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1	MTA Certification Exam	Anurag Group of Institutions (AGI)	68	16 th February 2016 and 1 day	---	Students are able to achieve Microsoft Technology Associate Certification on Web Development Fundamentals
2	Windows App Development Hackathon	Anurag Group of Institutions (AGI)	24 students (12 teams)	26 th and 27 th February 2016 and 1 day	Mr. Naga Kumar, CEO, Devmen IT	Students are able to develop and publish applications using Windows tools
3	MOS Certification Exam	Anurag Group of Institutions (AGI)	27	28 th and 29 th Mar 2016 and 1 day	Mr. Naga Kumar, CEO, Devmen IT	Students are able to achieve Microsoft Office Specialist Certification

IBM Academic Initiative

Objective:

The IBM Academic Initiative Program facilitates a global model of partnership between industry and the AGI to drive evolving open standard-based IT skills essentially "in demand skills for an on demand world". Under IBM Academic Initiatives the students and faculty are trained in the following technologies and conducted certification programmes.

- IBM DB2
- IBM RAD
- IBM Lotus Domino
- Web Application Development using DB2 & RAD
- IBM WorkLight
- IBM BlueMix

Table 3.7.2 B: The IBM academic initiative (IBM-AIC) from 2012-till date

S. No	Name of the event/ workshop training	No. of students participated	Dates& Duration	Resource person	Outcome
1	IBM Lotus Domino	84	03-09-2012 to 06-09-2012	Mr. Rajendra Choudary	Students able to host social business applications
2	IBM Lotus Domino	38	21/09/2012	Mr. C. Yukthesh, IBM	Students got certified

	Certification				
3	Web Application Development using DB2 & RAD	240	02/03/2013 & 03/03/2013	Mr.P Sandesh, ADP	Students and faculty able to apply various concepts to design and develop web applications
4	IBM Work Light	130	27/01/2014	Mr.C. Yukthesh, IBM	Students able to develop cross platform mobile applications, as part TGMC 2013 339 applications were developed which lead to win the award of "Top 50 college award" and "Best Mentor Award"
5	A Motivational session on changing and challenging needs	230	13-02-2014	Mr. Lawrence IBM	Students able explain the IBM Blue mix capabilities and its impact in the market.
6	IBM Blue MIX	150	04/03/2015	Mr.C. Yukthesh, IBM	Students able to develop various applications in different domains and deploy the same in IBM Blue Mix, As part of TGMC 2015 , 367 applications were developed and deployed which lead to win two awards in a row "Top Performing 50 College award" and "Top 3 all girls team"
7	IBM Blue MIX	200	22/02/2016	Mr.C. Yukthesh, IBM	Students able to develop various applications in different domains and deploy the same in IBM Blue Mix, As part of TGMC 2015 , 367 applications were developed and deployed which lead to win two awards in a row "Top Performing 50 College award" and "Top 3 all girls team"
8	IBM Cloud App Development	59	16-09-2016 & 17-09-2016	Mr.C. Yukthesh, IBM	Student and Faculty able to demonstrate various cloud services offered by IBM Blue Mix which includes IoT also.

IUCEE AGI SPEED CHAPTER

Student Platform for Engineering Education Development (SPEED) is a global, non-profit student organization that functions as an interdisciplinary network of engineering students, who aspire to provide opinion and create an impact on future development of engineering education and its effect on society and environment. To connect more engineering students across the globe, it organizes student forums in various levels as follows:

- Regional Student Forum
- Indian Student Forum
- Global Student Forum

Anurag Group of Institutions has established the SPEED Student Chapter in 2014 which involved students from all the departments.

Table 3.7.2 C: The IUCEE- SPEED Chapter Activities

S. No	Name of the event/ workshop/ training	Venue	No. Of students participated	Date and Duration	Outcome
1	1 st Indian Student Forum	BVB College Of Engineering Hubli.	6	14 th to 16 th Jan, 2014(3 Days)	Students will be able to enhance community service towards sustainable development through engineering.
2	Regional Student Forum -2014	Gurunanak Institute of Technology, Hyderabad.	8	15 th to 17 th Sep, 2014 (3 Days)	Students will be able to solve local problems using global actions.
3		VidyaJyothi Institute of Technology Hyderabad.	14	15 th to 17 th Sep, 2014 (3 Days)	Students will be able to solve local problems using global actions.
4		S R Engineering College Warangal.	11	15 th to 17 th Sep, 2014 (3 Days)	Students will be able to solve local problems using global actions.
5		Rajarambapu Institute of Technology Islampur.	1	15 th to 17 th Sep, 2014 (3 Days)	Students will be able to solve local problems using global

					actions.
6		Dronocharya College of Engineering Noida	4	17 th to 19 th Sep, 2014 (3 Days)	Students will be able to solve local problems using global actions.
7	10 th Global Student Forum	American University Dubai.	1	30 th Nov to 2 nd Dec, 2014 (3 Days)	Students will be a part of Multi-faceted engineering.
8	2 nd Indian Student Forum	BMS College Of Engineering Bengaluru.	21	4 th to 6 th Jan, 2015 (3 Days)	Students will be able to enhance community service towards sustainable development through engineering.
9	2 nd International Conference on Transformation in Engineering Education.	BMS College Of Engineering Bengalur.	8	7 th & 8 th Jan, 2015 (2 Days)	Students will be able to understand the best practices of transformations in Engineering Education.
10	Regional Student Forum -2015	Hyderabad Institute of Technology and Mgmt, Hyderabad.	4	18 th to 20 th July, 2015(3 Days)	Students will be able to solve local problems using global actions.
11		B V Raju Institute of Technology Hyderabad.	15	21 st to 23 rd July, 2015(3 Days)	Students will be able to solve local problems using global actions.
12		VidyaJyothi Institute of Technology	16	3 rd to 5 th Aug, 2015(3 Days)	Students will be able to solve local problems using global actions.
13		MV Jayaraman College of Engineering Bengalur.	7	27 th to 29 th Aug, 2015 (3 Days)	Students will be able to solve local problems using global actions.
14		KoneruLakshmaiah University	4	17 th to 19 th Sep, 2015	Students will be able to solve

		Vijayawada.		(3 Days)	local problems using global actions.
15		Amity University Noida.	2	9 th to 11 th Sep, 2015 (3 Days)	Students will be able to solve local problems using global actions.
16		Sanjay Ghodawat Institutes Kohlapur.	4	20 th to 22 nd Oct, 2015(3 Days)	Students will be able to solve local problems using global actions.
17		Siddaganga Institute of Technology Tumkur.	2	24 th to 26 th Aug, 2015(3 Days)	Students will be able to solve local problems using global actions.
18	11 th Global Student Forum & World Engineering Education Forum	University of Floreance Italy.	2	17 th to 23 rd Sep, 2015 (7 Days)	Students will be a part of Multi-faceted engineering.
19	3 rd Indian Student Forum	College Of Engineering Pune.	26	8 th to 10 th Jan, 2016(3 Days)	Students will be able to enhance community service towards sustainable development through engineering.
20	3 rd International Conference on Transformation in Engineering Education.	College Of Engineering Pune.	8	11 th & 12 th Jan, 2016 (2 Days)	Students will be able to understand the best practices of transformations in Engineering Education.
21		Rajarambapu Institute of Technology Islampur.	3	30 th Jul to 1 st Aug, 2016 (3 Days)	Students will be able to solve local problems using global actions.
22		Sanjay Ghodawat Institutes Kohlapur	2	13 th to 15 th Aug, 2016 (3 Days)	Students will be able to solve local problems using global

					actions.
23	Regional Student Forum -2016	Budge Budge Institute of Technology Kolakata.	5	17 th to 19 th Aug, 2016 (3 Days)	Students will be able to solve local problems using global actions.
24		VidyaJyothi Institute of Technology Hyderabad.	4	1 st to 3 rd Sep, 2016 (3 Days)	Students will be able to solve local problems using global actions.
25		Viganan's Institute of Information Technology Visakhapatnam	9	17 th to 19 th Sep, 2016 (3 Days)	Students will be able to solve local problems using global actions.
26		MarriLaxman Reddy Institute of Technology. Hyderabad.	36	19 th to 21 st Sep, 2016 (3 Days)	Students will be able to solve local problems using global actions.
27		ITM Vocational University Vadodara.	14	24 th to 26 st Sep, 2016 (3 Days)	Students will be able to solve local problems using global actions.

CSI Student Chapter

About CSI Student Chapter:

CSI Student Chapter is to facilitate research, knowledge sharing, learning and career enhancement for all categories of IT professionals, while simultaneously inspiring and nurturing new entrants into the industrial and helping them to integrate into the IT community. The CSI is also working closely with other industry associations, government bodies and academia to ensure that the benefits of IT advancement ultimately percolate down to every single citizen of India.

Table 3.7.2 D: The CSE Student Chapter Activities

S. No	Name of the event/ workshop training	No. of students participat ed	Dates & Duration	Resource person	Outcome
1	Data mining Tool (WEKA)	55	28.07.2012	Prof. T.V.Rajnikanth	Students able to use weka tool for mining the data from data warehouse
2	Data mining Tool (WEKA)	76	04.08.2012	Prof. T.V.Rajnikanth	Students able to use weka tool for mining the data from data warehouse
3	Digital Image Processing	53	26.02.2013	Dr .G R Sinha	Students able to process digital images
4	Digital Image Processing	52	25.02.2013	Dr .G R Sinha	Students able to process digital images
5	Web Designing	108	15.02.2013	Mr.M.Ravi Kumar	Students able to design user interface of websites
6	Web Designing	118	16.02.2013	Mr.M.Ravi Kumar	Students able to design user interface of websites
7	Information Security and Education Awareness	63	25.02.2014	Mr. P.Ram	Students able to understand information security in their daily life
8	Ethical Hacking	105	08.08.2014	Mr. Baba shaheer	Students able to know importance of ethical hacking
9	Soft Skills Developmen t	53	16.09.2014	Mr. Chandra SekharDasaka	Students able to use soft skills in their life
10	Technical Quiz Contest	49	09.10.2014	Mr.V.Ramakrishna	Students able to online technical quiz exams
11	Enhancing the Skills & Creating More Jobs	60	05.11.2014	Mr. Balarama K.Varanasi	Students able to understand the how to improve the skills
12	HTML	30	24.01.2015	M.Pavan Kumar	Students able to design static web pages
13	Case Tool	87	30.01.2015	Anirban	Students able to represent their projects pictorially
14	Cloud Computing through Amazon Web Services	42	15.07.2015	Dr.M. Varaprasad Rao,	Students able to use AWS
15	Cloud Computing through Amazon Web Services	73	04.08.2015	Dr.M. Varaprasad Rao,	Students able to use AWS

16	Orientation Program about CSI	160	27.08.2015	Mr. G.Balram	Students able to register their names CSI and also know the list of activities
17	Technical Charades	155	01.09.2015	CVSRCSI Student Chapter committee members	Students able to participate in the technical quiz
18	Basics of Big Data	74	23.09.2015	Mr. B. Ravinder Reddy	Students able to understand Big Data Concepts
19	Basics of Big Data	104	24.09.2015	Mr. B. Ravinder Reddy	Students able to understand Big Data Concepts
20	Basics on Digital Image Processing	75	31.12.2015	Mr. T. Srivastava	Students able to process Digital images
21	Basics on Digital Image Processing	62	30.12.2015	Mr. T. Srivastava	Students able to process Digital images
22	PHP&MySQL	68	23.12.2015	Mr. P. Rajashekar Reddy	Students able to develop their mini projects
23	PHP&MySQL	43	22.12.2015	Mr. P. Rajashekar Reddy	Students able to develop their mini projects
24	Infoquest 2K16	419	26.02.2016	Mr. PankajDiwan Mr.Sudhakar Challaplli,	Students able to participate in Hackathons
25	Infoquest 2K16	395	27.02.2016	Mr. Raju Kanchibhotla,	Students able to participate in Hackathons
26	Orientation Program about CSI	85	03.08.2016	Mr. G.Balram	Students able to register their names CSI and also know the list of activities
27	Orientation Program about CSI	67	06.08.2016	Mr. G. Balram	Students able to register their names CSI and also know the list of activities
28	Adobe Illustrator	74	21.09.2016 & 22.09.2016	Mr. V. Rajkumar	Students able to design logos
29	Internet of Things	53	28.09.2016 & 29.09.2016	Mr. Srinath	Students able to do projects using software and hardware
30	Internet of Things	28	08.10.2016	Mr. B. Krishna Chaitanya	Students able to do projects using software and hardware
31	Internet of Things	28	22.10.2016	Mr. B. Krishna Chaitanya	Students able to do projects using software and hardware
32	Internet of Things	28	05.11.2016	Mr. B. Krishna Chaitanya	Students able to do projects using software and hardware
33	Internet of Things	28	12.11.2016	Mr. B. Krishna Chaitanya	Students able to do projects using software and hardware

Activities under Anurag Android Club

Anurag Android Club (AAC) was initiated with the motto of training students in android technology and developing mobile applications for the common people needs in daily life.

Table 3.7.2 E: ACTIVITIES of AGI -ANDROID CLUB

S. No	Name of the event/ workshop training	No. of students participated	Dates & Duration	Resource person	Outcome
1.	Inauguration of Anurag Android Club	120	16/09/ 2015 Half Day	Mr.Anirbanpal, Technologies Expert, Tech Mahindra, Hyd	Students learned about Android technology and Formed as Club
2.	A Training Session on Android App Development Fundamentals	50	30/09/2015 Half Day	Mr. Ch. Naveen Kumar Reddy, Asst Professor, Dept of CSE	Club members got fundamentals of android
3	A short Term training Program on Android	16	08/01/2016- 18/01/2016 10 Days	Coign Pvt.Ltd, Hyderabad	Students and faculty learnt the advanced concepts in android
4	A Two days National Level workshop on "Android Application Development" under NADC 2016	71	22/01/ 2016 23/01/ 2016 2 Days	Mr. Rahul Yadav, ARK Technosolutions	4 students got selected for IIT Madras for NADC-16
5	One week Training Program for In-House Mini Projects	120	02/05/ 2016 to 07/05/2016 One week	Mr.Ch.Naveen Kumar Reddy & Mr.Jayendra Kumar, Dept of CSE	Developed and published 20 app in plays tore
6	One day workshop in association with IEEE-Student Chapter	60	01/10/2016	Mr.Ch.Naveen Kumar Reddy, T.SurtyaAniketh, IV CSE, K.Abhiraman, IVCSE	The training is given to III CSE D section students to empower them in developing android apps and to publish apps in Play store
7	Ranksheet Android Certification Exam	55	08/10/2016	Ch.Naveen Kumar Reddy	55 Students certified in Android

Mozilla Firefox Club

The Firefox Club was formed with an intention to create awareness about the Firefox technologies, inculcating the usage of open source and developing Firefox web apps. To ensure the internet is a global public resource, open and accessible to all.

It brings Students together locally to teach, protect and build the open web in an engaging and collaborative way, helps in interacting with others to share, learn, teach, protect and build upon platforms, to make things that matter.

Mozilla Firefox Club Activities

Table 3.7.2 F: Activities of Mozilla Firefox Club

S. No	Name of the event/ workshop training	No. of students participated	Dates & Duration	Resource person	Outcome
1	game development using construct 2 tool	90	24 th Sep, 2016 (1 Day)	Mr.HarshaBandaru, Mozilla World Representative & Senior Application Analyst, Google, Hyderabad.	Students are able to develop the game using Construct 2 tool.
2	FIREOX HACKATHon as part of INFOQUEST 2k16.	62	26 th to 27 th Feb, 2016 (2 Days)	Mr. Harsha Bandaru, Mozilla World Representative & Senior Application Analyst, Google, Hyderabad. Ms.LaasyaPriya, 3 rd year CSE, AGI.	Students are able to develop web pages using HTML, CSS.
3	Poster designing using firefox tools	234	29 th January 2016 (1 Day)	Mr.Shashank, 3 rd d year CSE, AGI. Mr.Aditya Vardhan,3 rd year CSE, AGI. Ms.Laasya,3 rd year CSE, AGI. Ms.Apoorva,3 rd year CSE, AGI. Representative & Senior Application Analyst, Google,Hyderabad.	Students are able to Plan and organize layouts for a poster ,Compose and list information pertaining to their inventions and design posters using Firefox tools.
4	Firefox OS app days	85	23 rd August 2014. (1 Day)	Mr.Santhosh,MozillaRep,Hyd. Mr.SriHarshaBandaru, Mozilla Rep,Hyd. Mr.Vikas Reddy Burri, Student coordinator.	Students are able to develop and publish their Apps for Firefox OS Mobile platform

Maven Cognikz Activities

Maven Cognikz is a student Association to the students, by the students, for the students. The main objective of Maven Cognikz is to Foster the intellect and interests of our fraternity, to

give a platform for in-depth analysis communication Skills, personality Development, career guidance and to expose the hidden talents of each individual in any field.

Table 3.7.2 G: Activities of Maven Cognikz

S. No	Name of the event/ workshop training	No. of students participated	Dates & Duration	Resource person	Outcome
1	Technical Presentations	96	3/2/12	-----	Students are able to present their technical ideas
2	Personality Development training	108	12/2/12	Mr. M. Srinivasa Rao, Corporate Trainer	The training session boosted students to set goals
3	JAM Session	100	23/2/12	-----	Students are to able improve their speaking skills
4	Puzzle Solving	110	8/3/12	-----	Students are able to improve their logical and Analytical skills
5	JAM Session	105	8/8/2013	-----	Students are to able improve their speaking skills
6	JAM Session	95	22/8/13	-----	Students are to able improve their speaking skills
7	Group Discussion	50	19/9/13	-----	Students are to able improve their listening and speaking skills
8	Group Discussion	100	26/9/13	-----	Students are to able improve listening and their speaking skills
9	Video Lecture on Personality development ,leadership qualities	107	17/7/14	-----	Students are able to understand leadership qualities
10	Debate and Group Discussion	100	5/8/14	-----	Students are to able improve their listening and speaking skills
11	Debate and Group Discussion	98	27/8/14	-----	Students are to able improve their listening and speaking skills
12	Technical Interpretation and ADD making	106	20/8/15	-----	Students are able to improve creative skills
13	Technical Interpretation and ADD making	98	2/9/15	-----	Students are able to improve creative skills
14	Technical presentation on	98	2/9/15	Mr.Srivastava, III student	Students are able to understand and

	“RASPBERRY”				analyze Raspberry
15	Technical Presentations	53	3/9/15	-----	Students are able to present their technical ideas
16	Seminar on “Soft skills”	100	9/9/15	Mr. Rohith, IV student	Students are able to understand importance of Smart work and Goal setting
17	Seminar on “Soft skills”	103	10/9/15	Mr. Rohith, IV student	Students are able to present their technical ideas
18	Seminar on “Dark Web”	205	21/4/16	Mr.Srivastava, IV student	Students are able to analyze the threats of Dark Web
19	Training on “Android Basics”	110	27/7/16	Mr.SaiTeja , III Student	Students are able to learn the tricks to develop apps in android
20	Seminar on “GOAL Setting”	98	28/7/16	Ms.LaasyaPriya IV student	Students are able to understand importance of Goal setting
21	Seminar on “START UP”	100	10/8/16	Mr.RohitParveda , Entrepreneur	Students are able to understand Entrepreneurship skills
22	Gist on Photoshop & Poster Presentation	104	17/8/16	Mr.SaiTeja , III Student Mr.MdYaser III Student	Students are able to boost their skills in poster designing
23	Debate	100	22/9/16	-----	Students are able to improve their speaking skills

Activities of II CHE of Chemical Engineering department from 2012 to till date

S. No	Activities
1	Raasayanika- 2k12
2	Aagama-2013
3	Raasayanika- 2k13
4	IlchE Annual events-2013
5	Aagama-2014
6	Raasayanika- 2k14
7	Aagama-2015
8	IlchE Annual events-2014
9	Raasayanika- 2k15
10	IlchE Annual events-2015
11	Raasayanika- 2k16

ISTE Student Chapter

AGI Indian Society for technical Education (ISTE) student chapter was established in 2012 with an aim to improve the student’s overall personality in line with the nation’s technical education

system. Through AGI ISTE student chapter, students are given training in the state of the art technologies in collaboration with experts from industry and academia. Workshops conducted in the recent past had a huge impact on shaping the careers of future engineers.

Campus visit of Dr. K.P. Isaac, Member Secretary, AICTE, New Delhi during 42nd ISTE Annual Convention.

ISTE 42nd National Convention



ISTE 42ND National Convention

Table 3.7.2 H: Activities of ISTE Student Chapter

S. No	Name of the event/ workshop/ training	No. Of students participated	Date and Duration	Resource person	Outcome
1	Workshop on Design and Analysis of Algorithms	85	13 /03/2013 & 16/03/2013 (6 hours)	Dr.Khaleel Ur Rahman Khan, Professor & Dean, ACE Engg College	Students are able to analyze paradigms and time complexities for various algorithms.
2	Workshop on Adobe photo shop	81	07/08/2013, 08/08/2013 (2 days)	Mr.Raj kumar, CG Artist ,Coign EDU & IT Services PVT LTD	Students are able to design posters and user interfaces for mobile screens and web pages.
3	Workshop on Adobe photo shop	105	26/09/2013, 27/09/2013 (2days)	Mr.Rajkumar, CG Artist , Coign EDU & IT Services PVT LTD	Students are able to design posters and user interfaces for mobile screens

					and web pages.
4	Workshop on Career Planning & Development	73	30/12/2013 (FN) (3 hours)	Mr. Kashyap palivela, Product Manager, HP Academy	Students are able to understand and apply the career planning process.
5	Workshop on Career Planning & Development	80	30/12/2013 (AN) (3 hours)	Mr. Kashyap palivela, Product Manager, HP Academy	Students are able to understand and apply the career planning process.
6	Workshop on Adobe photo shop	110	28/10/2014, 29/10/2014 (2 days)	Mr. Raj kumar, CG Artist , Dhaksha Interactive Solutions	Students are able to design posters and user interfaces for mobile screens and web pages.
7	Workshop on Adobe photo shop	100	5/11/2014, 6/11/2014 (2 days)	Mr. Raj kumar, CG Artist , Dhaksha Interactive Solutions	Students are able to design posters and user interfaces for mobile screens and web pages.
8	Workshop on Blender	50	5/03/2015 & 7/03/2015 (2 days)	Mr. Raj kumar, CG Artist , Dhaksha Interactive Solutions	Students are able to Design the basic 2D games for PC's
9	Workshop on Gaming	105	27/07/2015 & 28/07/2015 (2 days)	Mr. Raj kumar, CG Artist , Dhaksha Interactive Solutions	Students are able to Design the basic 2D games for PC's
10	Workshop on Adobe photo shop	40	4/03/2016 (1 day)	Mr. Vivardhan, III B. Tech , Mr Manas , III B. Tech	Students are able to design the posters.
11	Workshop on Adobe photo shop	41	8/03/2016 (1 day)	Mr. Vivardhan, III B. Tech , Mr Manas , III B. Tech	Students are able to design the posters.
12	Workshop on Adobe photo shop	35	29/03/2016 (1 day)	Mr Dinesh Kumar, III B. tech , Mr Nikhil reddy, III B.tech	Students are able to design the posters.

CVSR IEEE Student Branch

IEEE is the world's largest technical professional organization dedicated to advancing technology for the benefit of humanity. IEEE and its members inspire a global community to innovate for a better tomorrow through its highly-cited publications, conferences, technology standards, and professional and educational activities. IEEE is the trusted "voice" for engineering, computing and technology information around the globe.

Student Benefits

- Gain expertise and open career doors
- Stay current and get ahead
- Build a professional network
- Keeping technically current
- Career resources and recognition
- Discounts on online products.

Table 3.7.2 I: Activities of IEEE Student Branch

S. No	Name of the event/ workshop training	No. of students participated	Dates & Duration	Resource person	Outcome
1	IEEE student branch inauguration	40 students	28 -10-12 3 hrs	Dr. Atul Negi, Professor, Department of Computer and Information Sciences, University of Hyderabad	Inauguration was successful.
2	Technical talk on Artificial Intelligence using Computers	25 students	18-03-13	Dr. Suryakanthv Gangashetty, Assistant professor, International Institute of Information Technology (IIIT), Hyderabad.	Students are able to understand the applications of artificial intelligence
3	Introductory session of IEEE	20 students	16-08-14	Mr.Saikiran,Aurora Enggineering IEEE member	Students are able to understand the IEEE membership importance & few have taken the membership.
4	Guest lecture on Design Analysis and Algorithms	40 students	08-10-14	Mrs. S.Durga Bhavani, Dept of Computer and Information sciences, HCU university.	Students are able to apply the techniques in a given problem
5	A talk on IEEE benefits and conducted an event "Technical Dumshal arts and Technical Quiz".	80 students	10-10-14	Mr.John,Hyderabad Section IEEE student member,VBIT.	Students are able to understand the benefits of IEEE membership & events were successfully done.
6	Workshop on Motivation Skills.	60 students	23-01-15	Mr.santosh Sridhar,Technical Trainer,Wipro Technologies	Students are able to asses themselves whether the selected path is correct or not.
7	Workshop on Aptitude Copy Rights Shortcuts.	260 students	26-02-2015	Mr.Anil nair,Ratriya pvt Ltd.	Students are able to apply the techniques in solving problems.
8	Guest Lecture on Career	80 students	11-09-2015	Anand Vemula, Sr.Architect,Innominds	Students are able to choose the

	Guidance				career in development area.
9	Attended section student congress'2015	28 students	3-10-2015 & 4-10-2015	at Hyderabad Central University	Students are able to differentiate among various colleges' student branch activities.
10	IEEE Day celebration	80 students	8-10-2015	-	Students are able to participate in the events successfully.
11	FDP on Modern Methods of Software Delivery	32 faculty	23-01-2016	Mr.Anirban Pal(Mahindra Satyam Technologies)	Faculties are able to analyze the concepts & apply the concepts.
12	Technical Presentation & Code Wizard	40 students	29-03-2016	-	Students are able to present the technical presentation well.
13	Report on Guest Lecture on Entrepreneurship and Career Planning	120 students	14-07-2016	Mr Sri Charan Lakkaraju (CEO Stumagz)	Students are able to understand entrepreneurship
14	IEEE Orientation	50 students	11-09-2015	Mr.Saud, IEEE student chair from Muffakham Jah College of Engineering and Technology (MJCET)	Students are able to understand the benefits & importance of IEEE membership.
15	Seminar on Information security	200 students	28 & 29 Sep 2016	Mr. P.B. SURYA SUBHASH, Co-coordinator of NSB	Students are able to understand the importance of information security
16	Android App Development Training and Hackathon	40 students	01-10-16	Andriod club students: Mr.Abhiraman,-IV –D Mr.Surya-IV-D Mr.Ragavendra IV –D Ms.Kavya IV –D	Students are able to apply & analyze & create the android apps.

Name of the professional body:

IPA (Indian Pharmaceutical Association), IPC (Indian Pharmaceutical Congress Association), IPS (Indian Pharmacological Society), APTI (Association of Pharmaceutical Teachers of India).

Table 3.7.2 J: Activities of IPA

S. No	Name of the professional bodies	Percentage of faculty membership in association with the professional bodies	Percentage of student membership in association with the professional bodies
1	IPC	20	20
2	IPS	40	20
3	APTI	75	-

Table 3.7.2 K: Activities of IE (I)

S.No	Name of the event/ workshop training	No. of students participated	Dates & Duration	Outcome
1	CPRI Visit	60	23-10-2013 12:00 to 4:00 pm	Able to learn and expose real time experience in power systems applications.
2	Guest Lecture on EHV Transmission lines Design”	300	9-01-2014 12:00 to 4:00 pm	Able to learn applications related to EV transmission Line Design.
3	Visit to SHAR- Srihari kota	66	26.02.2014 9:30 to 4:00 pm	Able to learn real application related to satellite communications
4	Technical Film Show	300	19.09.2014 2:40 to 4:30 pm	Able to learn outside class room interactions
5	Technical Quiz	65	01.11.2014 2:30 to 4:30	Able to Expose towards technical competitive examinations
6	Android Botix Workshop	200	30-10-2015 & 31-10-2015 9:30 am to 4:00 pm	Able to learn real application related to android
9	Guest Lecture on Power Transformer Design, Failures & Case Studies	180	29-02-2016 10.00am to 12.30pm	Able to learn design of transformer
8	Two day workshop on Smart Grid and Smart Energy Management	102	19-09-2016 & 20-09-2016 9:30 am to 4:00 pm	Able to learn real time applications related Smart grid and Energy management systems.
9	Guest lecture on Dynamic PLC & GPRS System for Smart Metering	90	1-10-2016 12:00 to 4:00 pm	Able to learn automations in power systems.

3.7.3 Does the College have MoUs nationally / internationally and with institutions of national importance/other universities/ industries/corporate houses etc.? If yes, explain how the MoUs have contributed in enhancing the quality and output of teaching-learning, research and development activities of the College?

Yes, the college has MoUs with national / international industries/corporate houses etc.

Through the MoUs, the experts from the respective industries are invited to address the students about the expectations of the industries.

The certificate courses offered by the industries help the students to cope with the industrial requirement, which enhances the number of students placed.

Moreover, MoUs signed with the industries facilitate the faculty to visit the industries to know about the recent innovations, technological growth, methodology adopted which, in turn, enhances the quality of teaching and learning process.

Table 3.7.3 Contribution of MoUs of AGI

S. No	Name of the Organization / Industry	Period	Outcome of the MoUs
1	Dr. Reddy s laboratories	21.05.2013 - 2019	<ul style="list-style-type: none"> • Training their employees leading to good industrial exposure to the faculty • Placement
2	AVA BIOTECH	6.06.2012	<ul style="list-style-type: none"> • Internships • Testing facility and • Guest lectures
3	SPARKVEE	16.05.2012	<ul style="list-style-type: none"> • Internships • Testing facility and • Guest lectures • Placements
4	CLAIR Engineers Pvt Ltd	06.08.2013	<ul style="list-style-type: none"> • Internships • Testing facility and • Guest lectures • Placements
5	ARPAN HERBICHEM	19.06.2012	<ul style="list-style-type: none"> • Internships • Testing facility and • Guest lectures • Placements
6	Microsoft Innovation Center	2nd to 24th Jan 2012	Conducted Windows Phone 7 Application Development Training for students
		21st to 22nd Sept 2012	Windows-8 Coding Marathon App Fest 2012
		17th Apr 2013	Conducted Windows 8 Store App Development and Web Application Development Training for students
		24th Sept 2014	Windows Phone App development Training for students
		21st to 22nd Sept 2015	Conducted Microsoft Student Partners Certifications
		26th and 27th Feb 2016	Conducted WINDOWS APP DEVELOPMENT HACKATHON for students
7	IBM Academic Initiative	13-07-2011 to 15-07-2011	Conducted IBM DB2 Software Training for students
		17/8/2011	Conducted IBM DB2 Certifications

		&09/11/2011	
		17-11-2011 to 19-11-2011	Conducted IBMRAD Software Training for students
		27/03/2012	Conducted IBMRAD Certifications
		03-09-2012 to 06-09-2012	Conducted IBM LOTUS DOMINIO Software Training for students
		21/09/2012	Conducted IBM LOTUS DOMINIO Certifications
		02/03/2013 & 03/03/2013	Conducted Web Application Development using DB2 & RAD Software Training for students
		27/01/2014	Conducted IBM Work Light Software Training for students
		4 th to 21 st Mar, 2014	Conducted IBM Blue MIX Software Training for students
8	Technology Bussiness Incubator	1/5/2016 to 1/7/16	Conducted web & Android training for students
9	Infosys Campus Connect	04/01/2014 to 31/03/2014	Conducted Foundation Programme for Students.it includes Relational Data Management Systems, Objected Oriented programming, Problem Solving Technique, Operating System Concepts, Programming and Testing
		Jan-2017 to Dec-2018	Conducted Foundation Programme for Students.it includes Object Oriented Programming Using Java, Relational Database Management System, Software Engineering and Introduction to UI and Web Technology
10	PGP Electronics	2011-12	Conducted training Classes for the Faculty. Provided Internships for the students. Conducted workshops.
11	UTS Technologies	2011-12	Conducted training Classes for the Students in Embedded Systems. Provided Internships for the students
12	Wineyard technologies	2012-13	Conducted training Classes for the Faculty. Provided Internships for the students. Conducted workshops.
13	Sigma Solutions	2013-14	Provided internships for the students . Conducted Workshop on Digital signal processing and architectures.
14	Ananth Technologies	2013-14	Provided internships for the students and helped the students in placements.
15	National Instruments	2016-17	Conducted 6 semester Certification program for students in concurrent with curriculum to prepare them for CLAD certification. Conducts short term course for faculty to prepare for CLAD certification.

			Setup NI lab with Software and hardware and software defined radio lab with USRP trainer kit. Helps students in major projects
16	Astra Microsystems	2016-17	Conducted Workshops and helped the faculty in research
17	SMART BRIDGE	2015-16	Conducting Workshops, Internships, Faculty development programmes.
18	VSES India Pvt. Limited	2014-2015	Conducting workshops , Internships, Faculty development programmes
19	Dr.Reddys laboratories	2012 to till date	Training for students
20	Celestial laboratories	2012-2014	Live Training for students
21	Virchau laboratories	2015-2018	Students projects
22	KP LABS	2013-2014	Training for students

3.7.4 Have the College industry interactions resulted in the establishment / creation of highly specialized laboratories / facilities?

Yes, the College has continuous interaction with industry and funding organizations.

Through the Industry Interaction Initiative, the institute has established various Centers of Excellence for research and Centre of Excellence for training. The laboratories are upgraded with the latest trends to create highly specialized laboratories in the institution.

Criterion - IV

**Infrastructure
and
Learning Resources**

CRITERION IV: INFRASTRUCTURE AND LEARNING RESOURCES

4.1 PHYSICAL FACILITIES

4.1.1 How does the College plan and ensure adequate availability of physical infrastructure and ensure its optimal utilization?

The Anurag Group of Institutions (AGI) is located at Venkatapur (V), Ghatkesar (M), Medchal Dist., on Hyderabad-Warangal Highway encompassing a sprawling area of 13.14 acres with a built-up area of about 44,702 Sq. m and the details of physical infrastructure details of the college are given in the following table.

Table 4.1.1: Physical Infrastructure Details of the College

S.No	Building	Name	Area(m ²)	Total Area(m ²)
1	A Block	Admin Block, Dept. CSE, EEE, MEC, CHE, INF	12865	12865
2	B Block	Pharmacy	4649	4649
3	C Block	Civil Engineering	2868	2868
4	D Block	First Year	8404	8404
5	E Block	Dept of ECE, Examination Branch, Placement Cell, Administrative Dept.	13521	13521
6	Sheds	Workshops & Mech Laboratories	1581	1581
7	Sports shed	Indoor Sports Complex	814	814
Total Area				44,702

Plan and optimum utilization of available infrastructure:

The physical infrastructure includes classrooms, laboratories, seminar halls, departmental libraries, staff rooms, and central facilities like computer center, central library, canteen, dispensary, gym, transportation office, administrative office and they have been planned and constructed as per AICTE norms.

Suggestions are invited regularly from experts visiting the institution, faculty members, alumni, students, and parents regarding improvements to be made in the infrastructure. Reviews are held every semester to ensure optimum utilization of infrastructure.

The college has the following supplementary facilities in the campus for carrying out various activities:

- ATM facility
- Canteen

- Store for stationery
- Medical Facility with doctor and 24 hours ambulance
- Sprawling playground to conduct sports and games events
- Courier Facility
- Crèche (Children care centre): There is a provision for taking care of the kids of faculty and staff. This facility is provided with free of cost by providing all amenities like toys etc.

4.1.2 Does the College have a policy for creation and enhancement of infrastructure in order to promote a good teaching-learning environment? If yes, mention a few recent initiatives.

Yes, the college has policies for creation and enhancement of infrastructure in order to promote a good teaching-learning environment. The need for infrastructure is analyzed regularly, based on the strength of students and requirement of the departments.

Recent Initiatives

To meet the requirements of the additional intake of students, the D-block with an area of 8404 sq.m was constructed in the year 2012.

The E-block for ECE, Examination Branch, Admin Block and Placement Division with an area of 13,521 Sq.m was established in the year 2016.

4.1.3 Does the College provide all departments with facilities like office room, common room, and separate rest rooms for women students and staff?

Yes. Each department block is provided with an office room and common room with a Junior Assistant, Office Assistant and one attender, Notice Boards, Separate rest rooms for girl students and staff members.

4.1.4 How does the College ensure that the infrastructure facilities meet the requirements of students/staff with disabilities?

- Special ramps are provided in most of the buildings.
- Classes are conducted in the ground floor based on the need.
- Examinations are conducted in the ground floor venues that are convenient for physically challenged students.
- The College is committed to provide any specific services for the disabled students when necessity arises.
- Lift facility is provided.
- Wheel chairs are provided for the disabled.

4.1.5 How does the College cater to the residential requirements of students? Mention.

The college has two hostels one for boys and one for girls with internet facility and other modern facilities.

4.1.6 How does the College cope with the health related support services for its students, faculty and non-teaching staff on the campus and beyond?

- First-aid boxes are provided in different locations inside the campus including departments, laboratories and hostels and they are periodically refilled.
- A doctor visits the campus every day in the afternoon session. One more nurse will be provided. A dispensary with all required facilities is functioning.
- An ambulance van with driver is available in the campus for 24 hours.
- Insurance scheme is available for students and their parents/ legal guardian, faculty and non-teaching staff with accident coverage of Rs 1 Lakh.

4.1.7 What special facilities are made available on the campus to promote interest in sports and cultural events?

The department of Physical Education started at the inception of Anurag Group of Institutions in the year 2002. Since then, the institution and Physical Directors (PD) have been putting in their best efforts in imbibing knowledge and imparting skills to students and faculty in various sports and games, developing them to higher levels of expertise. Today sports and games have become a part of student's development at AGI. The PD of AGI is a doctorate in Physical Education: The team of PD's consists of 4 Physical Directors and a Coach.

Table 4.1.7(A): List of Faculty in Physical Education

S.No	Name of the Faculty	Qualification	Specialization
1	Dr.Tara Singh Thakur*	B.Sc., M.P.Ed., PGDSM., Ph.D	Cricket
2	Ch.Mahesh*	M.A., M.P.Ed., (Ph.D)	Kabaddi
3	G.Sandhya Rani	B.A., M.P.Ed	Volleyball
4	T.Hanumanthu*	B.A., M.P.Ed	Football
5	S.Prasad	B.A, Diploma from N.I.S	Basketball
*-Certificate Course from National Institute of Sports (NIS)			

Prominent Features

- Highly qualified Physical Directors and Coaches.
- Vast playing area of 110,000 Sft.
- Indoor sports complex with wooden flooring.

- Separate play fields for boys and girls.
- Sponsorships to elite players.
- Exposure of students to state and national-level tournaments.
- Individual attention to every player through mentoring.

Infrastructure and Facilities: The College is enriched with 110,000 sft of play area which includes

- Athletic Track.
- Basketball Court.
- Cricket Ground.
- Football Field.
- Handball Court.
- Indoor Badminton Courts.
- Indoor Sports Complex.
- Kabaddi Court.
- Kho Kho Court.
- Throwball Court.
- Tennikoit Court.
- Volleyball Courts.

Cultural Activities

The AGI strongly believes that Cultural activities are an integral part of enjoyment and entertainment, as a means of creative expression, for personal growth and the pursuit of excellence, to learn new skills, to meet new people, and to celebrate cultural traditions.

The Cultural Club of the institution aims at identifying various hidden talents of the students and helps to bring out their talents. It encourages and brings out the artistic capabilities of students in the field of Music, Dance, Drama, Visual Arts and other cultural activities. To promote and motivate the students and faculty towards extra-curricular activities, the institute has started various clubs like: Groovin House-The Dance Club, AGI Click Cadets-The Photography Club and Specdam-The Short Film Club which periodically conduct selections and auditions for students.

An intra-collegiate cultural competition is regularly organized by the cultural club in which more than 1200 students participate. The other events which are organized by the club include Rangoli, Mehendi, Cartooning, Paint the face, Art from waste, Dance, Orchestra, Elocution and skit. The college has a Club House and 3 auditoriums with a seating capacity of 300 each for organizing cultural programmes. Besides, major cultural

events are organized in the Open Air Theatre which has a seating capacity of 3000. The Fine Arts Club also invites guests from the world of Music, art; theatre etc., and our students participate in various state and national level competitions.

- **Our Student Miss. Y. Satya Yamini of Department of ECE is one of the leading playback singers in Tollywood. And she has received Best Playback Singer-Female in Telugu for the song “Mamatala Thalli” from Bahubali Movie in IIFA UTSAVAM AWARD 2015.**

The AGI conducts SYNERGY- “A Cultural Fest” every year to bring out hidden talents of students and faculty. The cultural committee of Synergy 2K15 of the college works with the objective of developing the academic and cultural talents of the students, improving their capabilities to work as a team and raising their level of self-confidence in interacting with fellow students and peers.

The following is the list of various events conducted on the eve of Annual Day Celebrations:

Table 4.1.7(B): Cultural Events Conducted by AGI Every Year for Students.

S.No	Girls	Boys
1	Solo Dance	Solo Dance
2	Group Dance	Group Dance
3	Solo Singing	Solo Singing
4	Group Singing	Group Singing
5	Rangoli	NA
6	Mehendi	Mehendi
7	Antyakashari (Telugu)	Antyakashari(Telugu)
8	Antyakashari (Hindi)	Antyakashari(Hindi)
9	Skit(English)	Skit(English)
10	Skit(Hindi)	Skit(Hindi)
11	Skit(Telugu)	Skit(Telugu)
12	Craft(Vegetable/paper)	Craft(Vegetable/paper)
13	Pot Painting	Pot Painting
14	Face Painting	Face Painting
15	Hair Styling	NA
16	Fancy Dress	Fancy Dress
17	MonoAction (Telugu)	MonoAction (Telugu)
18	MonoAction (Hindi)	MonoAction (Hindi)
19	MonoAction (English)	MonoAction (English)
20	Mimicri	Mimicri
21	Selfie PicsContest	Selfie Pics Contest
22	Nail Art	NA
23	T-shirt Painting	T-shirt Painting
24	Short Film Making	Short Film Making

Table 4.1.7(C): Cultural Events Conducted by AGI Every Year for Faculty.

S.No	Male Faculty	Female Faculty
1	Solo Singing	Solo Singing
2	Group Singing	Group Singing
3	NA	Rangoli
4	NA	Mehendi
5	Craft(Vegetable/paper)	Painting (Kurti/Shirt/Pot)
6	Painting (Kurti/Shirt/Pot)	Face Painting
7	Face Painting	Craft(Vegetable/paper)
8	Mimicri	Mimicri
9	Selfie Pics Contest	Selfie Pics Contest
10	T-shirt Painting	T-shirt Painting
11	Short Film Making	Short Film Making

Table 4.1.7(D): Literary Events Conducted by AGI – Every Year

S.No	Girls	Boys	Male Faculty	Female Faculty
1	Essay Writing (English)	Essay Writing (English)	Essay Writing (English)	Essay Writing (English)
2	Essay Writing (Hindi)	Essay Writing (Hindi)	Essay Writing (Hindi)	Essay Writing (Hindi)
3	Essay Writing (Telugu)	Essay Writing (Telugu)	Essay Writing (Telugu)	Essay Writing (Telugu)
4	Elocution(English)	Elocution(English)	Elocution (English)	Elocution(English)
5	Elocution(Hindi)	Elocution(Hindi)	Elocution (Hindi)	Elocution(Hindi)
6	Elocution (Telugu)	Elocution (Telugu)	Elocution (Telugu)	Elocution (Telugu)
7	Prose and Poetry (English)	Prose and Poetry (English)	Prose and Poetry (English)	Prose and Poetry (English)
8	Prose and Poetry (Hindi)	Prose and Poetry (Hindi)	Prose and Poetry (Hindi)	Prose and Poetry (Hindi)
9	Poster Presentations	Poster Presentations	Poster Presentations	Poster Presentations
10	Quiz	Quiz	Quiz	Quiz

4.2 LIBRARY AS A LEARNING RESOURCE

4.2.1 Does the library have an Advisory Committee? Specify the composition of such a committee. What significant initiatives have been implemented by the committee to render the library, student/user friendly?

Yes, the institution has two libraries one for college of Pharmacy and the second one is for college of Engineering and MBA (AGI). The details of these libraries are given below.

The library of the AGI or Engineering College has an Advisory Committee, and it is headed by the Director. The committee consists of 7 Senior Professors, Librarian and student

representatives. The library of Pharmacy has an Advisory Committee, and it is headed by the Dean. The Committee consists of 4 Senior Professors, Librarian and student representatives.

The responsibilities of the two committees are as follows:

1. To improve the facilities in the library.
2. To plan for enhancing the number of books, journals and magazines.
3. Motivating students to improve their reading habits.

Table 4.2.1: Significant Initiatives of Libraries.

S.No	Library of Pharmacy	Library of Engineering and MBA (AGI)
1	In the academic year 2015 -2016, 315 books were purchased in the library worth Rs.1.5 Lakhs. Subscription was made at the cost of Rs.3.61 Lakhs for renewal of e- journals and print journals	In the academic year 2015 - 2016, 4207 books were purchased in the library worth Rs.20 Lakhs. Subscription was made at the cost of Rs.10.3 Lakhs for renewal of e- journals and print journals.
2	In the academic year 2014 -2015, 236 books were purchased in the library at the cost of Rs.1.0 Lakh and renewal of e-journals and print journals subscription was made at the cost of Rs.2.4 Lakhs.	In the academic year 2014 -2015, 4655 books were purchased in the library at the cost of Rs.10.4 Lakhs and renewal of e-journals and print journals subscription was made at the cost of Rs.10 Lakhs.
3	In the academic year 2013-2014, 1045 books at the cost of Rs.4.5 Lakhs were procured. New e-journal packages such as Bentham, Delnet, subscription was made at the cost of Rs. 1.20 lakhs.	In the academic year 2013-2014, 6904 books at the cost of Rs.15.2 Lakhs were procured. New e-journal packages such as IEEE, ASME (Mech), ASCE (Civil) were subscribed through M/s. Global Information Systems (GIST), Garrgion.

Table 4.2.2A: The Specifications/Details of Library.

S.No	Areas	Library of Pharmacy	Library of Engineering and MBA (AGI)
1	Total area of the library (in Sq.m)	183.53Sq.Mt (B Block)	(961 Sq.m, A-Block) & 355.20 Sq.m, D-Block)
2	Total seating capacity	80	400
3	Working days & during examination days	8.00 A.M. to 8.00 P.M	8.00 A.M. to 8.00 P.M
4	Holidays and vacation (including Sundays)	10.00 A.M to 4.00 P.M.	10.00 A.M to 4.00 P.M.

Table 4.2.2 B: The Details of Various Sections of Libraries.

S.No	Details of the various sections of the library with area	Library of Pharmacy	Library of Engineering and MBA (CVSR)	
			A Block	D Block
1	Periodical & Reference section:	36.80 Sq.m	142.62 Sq.m	25.5 Sq.m
2	Reading Area	105.86 Sq.m	429.12 Sq.m	192.48 Sq.m
3	Stack Area	40.87 Sq.m	252.78 Sq.m	133.83 Sq.m
4	Digital Library	35.60 Sq.m	45.81 Sq.m	29.89 Sq.m

- Pharmacy Library is spread over one floor with an area of a 183.53 Sq.m. Small sign boards indicate various sections of the library and open access to collection of books. For differently abled users, books are provided at their reading rooms by library assistants on request. One fire extinguisher is available in the library.
- The College of Engineering and MBA library is spread over two floors with an area of a 1316.2 Sq.m. The stacking and issuing section is in ground floor. Small sign boards indicate various sections of the library and open access to collection of books. For differently abled users, books are provided at their reading rooms by library assistants on request. One fire extinguisher is available in the library.

4.2.2 Give details on the library holdings

Table 4.2.3: The Details of Library Holdings.

S.No	Description of Item	Books/ Journals/ Magazine etc	Library of Pharmacy	Library of Engineering and MBA (AGI)
1	a) Print (Books, back volumes and thesis)	Books	8900	64260
		Back Volumes	1206	1246
		Journals	40	156
		Magazine	6	30
2	b) Non Print (microfiche, AV)	CD- ROM	200	4950
		Audio Cassette	0	50
		UG/PG Project Reports	805	3145
3	c) Special collection	Book Bank: Social welfare books are available in the library	37	3145
4	d) Electronic (e-books, e-Journals)	e- Books	800	30000
		e-Journals	1800	78850

4.2.3 The details of e-journals are given in the following table

Table 4.2.3: The details of e-Journals

S. No	Department of Library	e- Journals Package	No of Journals	Relevant Course
1	Library of Pharmacy	DELNET Developing Library Network	85	Pharmacy
2		Bentham Journals M/s. Cyber Info Syndicate, Hyderabad	25	Pharmacy
3		Inflibnet M/s. N-List Programme, Gandhinagar	25	Pharmacy
4		Lexicom Drug Information Services, New Delhi	100	Pharm-D
5	Library of Engineering and	e- Journals Package	No of Journals	Relevant Course

6	MBA (AGI)	IEEE (ASPP) package through M/s. GIST, Gurgaon	150	CSE,IT,EEE&ECE
7		Springer Package through M/s. GIST, Gurgaon	43	Mechanical Engineering
8		ASCE Package through M/s. GIST, Gurgaon	33	Civil Engineering
9		SAGE Journals	14	Management Journals

4.2.4 What tools does the library deploy to provide access to the collection?

- OPAC tools are used to provide access to the collection in the library.
- Both the libraries have Online Public Access Languages (OPAC).
- Users can access the availability of books with the help of Online Public Access Catalogue (Volksoft Technologies, E-Z school). Using OPAC, the users can search for the availability of books, based on the title of the book, author and accession number. Two computers are dedicated for OPAC in the library. Users can access the library details like Reference books, Text books, CD-ROMs & Project Reports. Latest arrivals and the details of library books borrowed are accessed / known through Intranet.

Table 4.2.4: Electronic Resource Management Package for e-Journals.

S.No	Library of Pharmacy	Library of Engineering and MBA (AGI)
1	Bentham Online (http://www.bentham.com)	IEEE/IET Electronic Library Online (http://ieeexplore.ieee.org/)
2	Delnet (http://www.delnet.com)	American Society of Civil Engineers (www.ascelibrary.org)
3	INFLIBNET-UGC	Springer Mechanical Engineering (http://link.springer.com/)
4	Inflibnet Journals (http://www.inflibnet.com)	N-List (INFLIBNET-UGC)
5	Lexicom database (http://online.lexi.com/action/home)	SAGE Management Journals (http://online.sagepub.com)
6	Users can search articles in multiple databases with the help of DELNET & INFLIBNET (UGC).	Users can search articles in multiple databases with the help of DELNET & INFLIBNET (UGC).

Library Website

A link is provided in the website of the institute to access the library information. The AGI is preparing an exclusive website design for both the libraries with comprehensive details, highlights and photo gallery.

In-House/Remote Access to e-Publications

All the computers in the college are provided with internet connection. So, users can access Digital Library anywhere in the college through intra website.

4.2.5 To what extent is the ICT deployed in the library?
Library Automation

Library automation is done through VOLKSOFT Technologies (EZ-Library) which is fully integrated multi-user software. It is user-friendly, informative and has the features like as search engine. All the transactions are fully computerized and all the documents are bar coded. The bar coded ID and the scanner are used for the issue and return of books.

Table 4.2.5: Library Automation Details

S.No	Description of Items	Library of Pharmacy	Library of Engineering and MBA (AGI)
1	Total number of computers for public access	3	34
2	Total numbers of printers for public access	1	4
3	Internet band width speed	55 Mbps through Apollo	55 Mbps through Apollo
4	Institutional Repository	The AGI has developed institutional repository (software D- Space) for Question Papers, E-Books, Faculty Publications, Project Reports. It can be accessed through intranet.	The AGI has developed institutional repository (software D- Space) for Question Papers, E-Books, Faculty Publications, Lab Manuals, Lecture Notes, Project Reports. It can be accessed through intranet.
5	Content management system for e-learning	In order to promote self learning capabilities among the students Digital Library has been created in the college that can be accessed through Intranet. The e-learning resources contain e-Books and e-journals.	In order to promote self learning capabilities among the students Digital Library has been created in the college that can be accessed through Intranet. The e-learning resources contain NPTEL videos, NPTEL Web courses, e-Books and MIT Materials. CDs and DVDs are maintained separately for easy access by the students. D- Space Software DIGITAL LIBRARY is also available which contains about 30000 e-books for the benefit of the students.
6	Participation in Resource sharing networks/consortia (like Inlibnet)	The Central library has subscribed for Institutional Membership of the following: DELNET – Developing Library Network, New	The Central library has subscribed for Institutional Membership of the following: DELNET – Developing Library Network, New Delhi INFLIBNET – N- List (UGC) The books and articles which are not

		DelhiINFLIBNET – N- List The books and articles which are not available in the library can be accessed through the above mentioned facilities.	available in the library can be accessed through the above mentioned facilities
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4.2.6 Provide details (per month) with regard to.

The details of the Library are given below table.

Table 4.2.6: Per Month Access Details of Library.

S.No	Details of the Library Items	Library of Pharmacy	Library of Engineering and MBA (AGI)
1	Average number of walk-ins	1800 Students & 100 Staff	5900 Students & 320 Staff
2	Average number of books issued/returned	1071/991	2633/2470
3	Ratio of library books to students enrolled	15:1	9:1
4	Average number of books added during last three years	1600	5255
5	Average number of login to e-resources	250	1193
6	Average number of login to OPAC	-	4100
7	Average number of e-resources downloaded / printed	250	1800

- Awareness program on usage of library is conducted for students at the beginning of the academic year.

4.2.7 Give details of the specialized services provided by the library

Library of Engineering and MBA (AGI) and Library of Pharmacy maintain the following

1. Reference Section

There is a separate section for reference books and back volumes in both the libraries.

2. OPAC

Users can access the availability of books with the help of Online Public Access Catalogue (VOLKSOFT) in both the libraries. Using OPAC, the users can search for the availability of books based on the title of the book, author and accession number. One of the computers is dedicated for OPAC in the library. Users can access the library details like Reference books, Text books, CD-ROMs and Project reports. Latest arrivals and the details of library books borrowed are accessed through Intranet.

3. Reprography

Reprographic services are provided to the students and staff to take photocopies of the materials available in the both the libraries.

4. Information Deployment and Notification

Information about catalogue from various publishers, newspaper clippings on current affairs and general news are displayed in the both the library notice boards.

5. Manuscripts

Library does not have manuscript collection.

6. Internet Access

Internet access is given to all terminals available in the library. Wi-Fi facility is available in the library.

7. Downloads

Free access and unlimited downloads of e-journals and e-books within the campus network.

8. Printouts

Printing and scanning facilities are provided to the students and faculty members.

9. In-house/remote access to e-resources

- E-resources are accessible anywhere on the campus
- Users can access the e-resources through Intranet facility available in all the systems throughout the college. All the hostels in the college (Boys Hostel and Girls Hostel) are provided with Wi- Fi facilities.

10. User Orientation

At the beginning of every academic year the AGI conducts 'Library Orientation' for newly admitted students

11. Assistance in searching Databases

Qualified and trained staff members in the library help the users in searching for the databases or e-resources.

12. Inter Library Loan Service (ILL) / INFLIBNET/IUC facilities

Inter loan document delivery and document supply is carried out through DELNET. Books are obtained on inter-library loan basis from other libraries as and when requested by the users.

4.2.8 Provide details on the annual library budget and the amount spent for purchasing new books and journals.

Table 4.2.9 A: The Details of Annual Library Budget for Library of Engineering and MBA (AGI)

S.No	Year	Name of the Item	Budget Allotted in Rs.	Budget Spent in Rs.
1	2015-16	Books	35,00,000	2043191/-
2		Journals		325212/-
3		e-journals		713548/-
4		Furniture & Miscellaneous		183839/-
1	2014-15	Books	30,00,000	1116300/-
2		Journals		200000/-
3		e-journals		779289/-
4		Furniture & Miscellaneous		608674/-
1	2013-14	Books	35,00,000	1524430/-
2		Journals		105312/-
3		e-journals		449964/-
4		Furniture & Miscellaneous		45010/-
Total			1,00,00,000	8094769/-

Table 4.2.8 B: Library Budget Details for Library of Pharmacy.

S.No	Year	Name of the Item	Budget Allotted in Rs.	Budget Spent in Rs.
1	2015-16	Books	5,50,000/-	148852/-
2		Journals		110000/-
3		e-journals		251000/-
4		Furniture & Miscellaneous		14790/-
1	2014-15	Books	4,00,000/-	84100/-
2		Journals		110000/-
3		e-journals		130000/-
4		Furniture & Miscellaneous		17670/-
1	2013-14	Books	6,50,000/-	403443/-
2		Journals		30000/-
3		e-journals		90000/-
4		Furniture & Miscellaneous		83225/-
Total			16,00,000/-	10,69,637/-

4.2.9 Does the library get the feedback from its users? If yes, how is it analyzed and used for improving the library services.

Yes, both the libraries get feedback from the users in formally/verbally. Based on the feedback, the necessary actions are taken by discussing with the Library Committee to improve the library services.

4.2.10 List the infrastructural development of the library over the last four years.
Library of Pharmacy
Table 4.2.10 A: Infrastructures Development of Library of Pharmacy

S.No	Year	New Item Purchased	Quantity	Impact
1	2016	Scanner & Printer	1, 1	For utilization of both Faculty and Students.
2	2015	D- Space (Digital Library Software)	Server	All required materials are available at one place
3	2014	New Racks & Xerox Machine	16 and 1	Effective management of library to stock new books. Better access to study material for staff and students.
4	2014	New Systems & Head Phones	20 + 20	Replaced with high configuration systems in the digital Library.
5	2013	GATE, TOEFL, GMAT, IELTS & CIVIL Services Books	Each 5 copies	Many students are inspired and motivated. They are using these books to pursue their goals and carrier. List attached
6	2012	New Book Racks and Journal Rack	10*3=30 and 1	Exclusive for first years. So many readers are using this library for ex: Library Transactions per month: 1500.

Table 4.2.10 B: Infrastructures Development of Library of Pharmacy

S.No	Year	New Item Purchased	Quantity	Impact
1	2012-13	Printer	1	For utilization of both Faculty and Students
2	2013-14	New Arrival Book Rack	1	For displaying the new books
3	2014-15	Magazines Racks & News Paper rack	2	For displaying the magazines & News papers
4	2015-16	Library Books Racks extend	5	For displaying the Increased no. of books
5	2016- till date	Arrival of new tables and chairs	5+20	To accommodate more no. of students.

4.2.11 Did the library organize workshop/s for students, teachers, non-teaching staff of the College to facilitate better Library usage?

Yes. Awareness programs on usage of library are conducted for students during library hours by both libraries.

4.3 IT INFRASTRUCTURE

4.3.1 Does the College have a comprehensive IT policy addressing standards on IT Service Management, Information Security, Network Security, Risk Management and Software Asset Management?

Yes. IT policy outlines the responsible use of the Information Technology infrastructure at the college and all the users of IT infrastructure (Computers and the Network) of the college are subject to this policy.

A. IT Service Management

The IT service management is done by a team headed by System and Network Administrators. This team manages the institute's IT infrastructure and deploys the e-resources campus-wide. All the systems on the campus are connected through LAN with high-speed internet to serve the computing needs of users to facilitate teaching, learning, research, and administration. All e-resources and services can be accessed through Internet and Intranet at any point of time by all the stakeholders.

B. Information Security

Unauthorized use of individual/institutional information is not permitted. Every system is protected with a username and password, and individual login identities are provided to the students, faculty and administrative staff members.

C. Network Security

Network resources and computing resources are not used for any personal purpose. Faculty members and students exercise their responsibility and ethical behavior in the utilization of software and IT resources. All the users abide by the rules and regulations stipulated in IT policy of the institute. All the purchased products and equipment with invoice are recorded in a standard stock register from time to time.

D. Risk Management

The risk management of IT assets is associated with use of ownership, operation, involvement, influence and adoption of IT within the institute.

The institute IT assets such as website, e-resources, campus automation system are protected against vulnerability, threats, and thefts through Quick Heal Antivirus.

The details of Exam Branch and MIS Backup procedures have been established and carried out on the college servers to handle risk of loss of information. Proper infrastructure (Dedicated Space, Air-conditioners) has been provided for IT infrastructure.

E. Software Asset Management

Only licensed software or Open source software are installed and maintained in all the systems of the institute. It is a policy of the institute to respect all computer software copyrights and adhere to the terms and conditions of any license to which the institute is a party. The Institute uses only licensed software. Computer software is handled by authorized staff.

Microsoft Campus Agreement is being renewed for each academic year. Windows Base License is available for all the machines with windows operating system.

4.3.2 Give details of the College’s computing facilities (hardware and software).

Hardware and software are provided to all the departments as per the requirements of the curriculum and also as per the strength of the students. Every department is provided with a computer lab with internet connectivity. The facilities are summarized in the following table:

Table 4.3.2 A: Summary of Computing Facilities

S.No	Item	Quantity (Nos.)
1	Servers	9
2	Client Computer Systems	1530
3	Laptop	25
4	Licensed Software	30
5	Printer	133
6	Scanner	15
7	LCD Projectors	45

The details of hardware and software .The college computing facilities in terms of number of servers and systems along with configuration are listed in the following Tables.

Table 4.3.2 B: Details of Server Configuration

S.No	Server Configuration	Qty
1	Dell Poweredge 2900 Intel Dual Core (5130) 2 Ghz, 4 MB L2 Cache Memory, 1333 Mhz FSB, 4 GB RAM DDR2, 667 Mhz ECC 2R FB DIMM, 1.44 MB FDD, Dell USB 104 Keys Keyboard, Dell Optical USB Black Mouse, 3*146 GB 15K RPM SAS HDD, CD-RW/ DVD Combo, Expansion Slots: 4 PCI Express, 2 PCI-X , 2 PCI- E Via optional Raiser Card, Integrated Dual Broadcom Gigabit Network Card with TOE Hardware Enabled, Dell per C5/I RAID Controller Card, C4 RAID 5 (PER C5i Integrated), 17” CRT Monitor, Redundant Power Supply 930W, Dell Open Manager Software Kit, CD Kits for TCP/IP off load engine.	2
2	HP ProLiant ML10 737650-375, Intel Xeon E3-1220v2 3.1GHz/ 2*8GB/ 1TB HDD/RAID 0, 1/ 300W PS/ / 3 Yrs Onsite	4

3	Dell PowerEdge R730 Sever, Intel Xeon E5-2609 v3 1.9 Ghz, 15M Cach, 6.40GT/s QPI, No Turbo, No HT, 6C/6T (85W) Max Mem 1600 Mhz,R730/xd PCIe Riser 2-Center,R730 PCIe Riser 3-Left,R730/xd PCIe Riser 1-Right, Chassis with up to 8, 2.5" Hard Drives,Quick Sync Bezel, DIMM Blanks for system With 2 Processors, 2133 MT/s RDIMMs, Performance Optimized, 4 16GB RDIMM, 2133 MT/s Dual Rank, x4 Data Width, 2 standard Heat sink for PowerEdge R730, 1 upgrade to Two Intel Xeon E5-2609 v31.9GHz, 15M Cache, 6.40GT/s QPI, No Turbo, No HT, 6C/6T (85W), 1 iDREAC8 Enterprise, Integrated Dell Remote Access Controller, 2 1.2TB 10K RPM SAS 12 Gbps 2.5in Hot-plug Hard Drive, 1 PERC H730 Integrated RAID Controller, 1 GB Cache, 1 DVD+/-RW ROM, SATA, Internal, 1 Dual, Hot-plug, Redundant power Supply (1+1), 1100W, 1 PowerEdge Server FIPS TPM, 2 Jumper Cord, C13-C14, 4m, 12a (APCC except ANZ), 1 Broadcom 5720 QP 1 Gb Network Daughter Card, PowerEdge R730/R730xd Motherboard, No Operating System, Ready Rails Sliding Rails with Cable Management Arm, 1 RAID 3 for H330/H730/H730P (3-16 HDDs or SSDs)	1
4	Intel D43 Express Motherboard, P IV Dual Core E5800@3.2GHz Processor, 4GB DDR3 RAM, 500GB SATA HDD, 18.5" LCD Monitor, Multimedia Keyboard, Optical Mouse, ATX Cabinet.	1
5	VOSTRO 3653 Desktop 6, Generation INTEL (R) CORE rM 13 -, 6100 PROCESSOR (3M CACHE, 3.70 GHz), 4GB DD R3L 1600Mhz, RAM,500GB 7200 rpm SATA Hard, Disk Drive, DEL E1916HV 18.5" monitor, Integrated Graphics, 802.1 BGN, +Bluetooth 4.0, 2.4GHz, DELL, Optical Mouse, DELL Key Board	1
Total		9

Table 4.3.2 C: Details of Computer Configuration

S.No	Details of Computer Configuration	Qty
1	DELL Desktop VOSTRO 3653 Desktop 6 Generation INTEL (R) CORE rM 13 - 6100 PROCESSOR (3M CACHE, 3.70 GHz), 4GB DD R3L 1600Mhz RAM, 500GB 7200 rpm SATA Hard Disk Drive, DEL E1916HV 18.5" monitor, integrated Graphics, 802.1 BGN +Bluetooth 4.0, 2.4GHz, DELL Optical Mouse, DELL Key Board	140
2	HP Desktop (FAT Model) HP Desktop Intel Dual Core P1V 2.7 Ghz D43, DDR2 RAM 1GB, HDD320GB,TWFTMONITOR,KEYBOARD,OPTICA MOUSE	60
3	HP Desktop Pro 4000 Intel D43 Express Motherboard, P IV Dual Core E5800@3.2GHz Processor, 4GB DDR3 RAM, 320GB HDD,18.5" LCD Monitor, Multimedia Keyboard, Optical Mouse, ATX Cabinet	140
4	Dell Vostro 3250 SFF / 6th Generation, Intel Core i3-6100 processor (3MB Cache, 3.70 GHz) /Vostro 3250 PFC HV chassis, Bezel with Optical Drive, 4GB Single Channel DDR3L 1600MHz (4GBX1), 500GB 7200 rpm SATA 6Gb/s Hard Drive, Tray load DVD Drive (Reads and Writes to DVD/CD), 2 Power Cord (India) / Intel (R)CPU label for Core(TM) i3 / Dell 19 Monitor E1916HV 18.5" /,Integrated Graphics / Dell Wireless 1707 Card, 802.11bgn + Bluetooth 4.0, 2.4 GHz, 1x1 / Dell USB Optical Mouse-MS116 - Black Dell Entry Keyboard KB216 Black , US International (QWERTY) / Fixed Hardware Configuration, Ubuntu Linux 14.04 SP/, 3 YrOnsite service	170
4	Dell Vostro 3250 SFF / 6th Generation, Intel Core i3-6100 processor (3MB Cache, 3.70 GHz) /Vostro 3250 PFC HV chassis / Bezel with Optical Drive /, 4GB Single	280

	Channel DDR3L 1600MHz (4GBX1) /, 500GB 7200 rpm SATA 6Gb/s Hard Drive / Tray load DVD Drive (Reads and Writes to DVD/CD) , 2 Power Cord (India) / Intel (R)CPU label for Core(TM) i3 / Dell 19 Monitor E1916HV 18.5" /, Integrated Graphics / Dell Wireless 1707 Card, 802.11bgn + Bluetooth 4.0, 2.4 GHz, 1x1 / Dell USB Optical Mouse-MS116 - Black Dell Entry Keyboard KB216 Black , US International (QWERTY) / Fixed Hardware Configuration, Ubuntu Linux 14.04 SP/, 3 Yr Onsite service	
5	ACER Desktop Intel DG31 Express Motherboard PIV Dual Core 2.52GHz Processor, 1GB DDR2 RAM, 160/80GB HDD, 17" LCD Monitor, Multimedia Keyboard, Optical Mouse, ATX Cabinet	50
6	HP/HCL Desktop Intel 1.8 Dual core processor, P IV Motherboard, 512 GB DDR2 RAM, 80GB SATA Hard disk, 17" LCD Monitor, Multimedia Keyboard, Optical Scroll Mouse.	130
7	ACER Desktop E5500 Model, Intel Dual Core 2nd Generation, 2.80 GHz Processor, GB /4 GB RAM DDR3, 500 GB SATA HDD, 18.5" LED Monitor, Keyboard, Optical Mouse, ATX Cabinet.	240
8	ACER Desktop E5400 Model, Intel Dual Core, 2.7 GHz Processor, 2 GB DDR3, 160 GB SATA HDD, 18.5" LED Monitor, Multimedia Keyboard, Optical Mouse, ATX Cabinet.	120
9	ACER Desktop Intel Pentium Dual Core G3220/H81 Chipset/ 2GB RAM/500GB HDD, PS/2 Keyboard & Mouse, 18.5" LED Monitor,	40
10	ACER Desktop Intel Pentium Dual Core 4 th Gen G3220/H81 Chipset/ 2GB RAM/500GB HDDPS/2 Keyboard & Mouse, 18.5" LED Monitor,	30
11	Dell Desktop Vostro 3902 Mode, Intel CORE i3-4160 Processor, 4th Generation @ 3.60GHz, 4GB DDR3 RAM, 500 HDD, 18'.5" LED Monitor, USB Keyboard, Optical Mouse, ATX Cabinet.	130
Total		1530

Table 4.3.2 D: List of Software Available in Various Departments

S.No	Name of the Software	Details/ No. of Licensed Users
Institution Level		
1	MAT LAB	72 Users
2	Quick Heal Total security	40 Users
3	Ubuntu 11	Open Source
4	Microsoft Security Essentials	Unlimited
Department of Mechanical Engineering		
1	ANSYS 10.10	25 Users
2	AutoCAD Inventor Professional 10.10	40 Users
3	Auto CAD	AICTE Free Download
4	PRO-E (CREO)	5 Users
5	Master CAM 10.0	Single User
6	CNC XL Turn Lathe	Single User
7	CNC XL Mill	Single User
Department of Computer Science & Engineering		
1	Embarcadero Network code gear C,C++ Builder	60 Users

2	Oracle 10G Express Edition	Campus Agreement
3	IBM Rational Rose Software Architect & Enterprise Suite	60 Users
4	IBM SEED Training IBM Worklite, Library Materials, Software Media 1 set of Eclipse	30 Users
5	Windows 8 professional upgrade and MS Core Cal suite	Campus Agreement
6	MS-Office Professional plus 2010	Campus Agreement
7	MS-Office for Mac 2010 Professional edition	Campus Agreement
8	MS-Windows 2008 R2 server Enterprise Edition Academic License	Campus Agreement
9	MS Office Professional 2013	Campus Agreement
10	WinSL 8.1 SNGL OLP NL Acdmc Legalization Get Genuine	Campus Agreement
11	MS Windows 7 Professional	Campus Agreement
12	Microsoft Windows 10 Education	Campus Agreement

Department of Electronics & Communications Engineering		
1	XILINX ISE Foundation software V 9.1i with Modelsim	Site License
2	MAT LAB	36 Users
3	CADENCE	10 Users
4	Mentor Graphics	30 Users
5	Vivado	50 Users
6	NI-Labview	30 Users
Department of Electrical & Electronics Engineering		
1	MAT Lab	36 Users
Department of Information Technology		
1	Oracle 10G Express Edition	Campus Agreement
Department of Civil Engineering		
1	Auto CAD	AICTE free Download
2	STAAD Pro	30 Users
3	RSI GSI	10 Users
Department of English		
1	K-VAN Solutions	120 Users
2	Advanced K-VAN Solutions	36 Users

Table No: 4.3.2 E: Open Source Software Details

S.No	Open Source Software
1	Eclipse
2	Java
3	Apache
4	Code Blocker
5	Sun_java_wireless olkit
6	DEV++
7	MYSQL
8	PHP

9	Bugzilla
10	Libero open office
11	Weka
12	Selenium

A. Dedicated computing facility

Dedicated servers are available for students to store the information and run their programs using programming languages. Dedicated servers are available for Accounts and Exam Cell.

B.LAN facility

All the systems available in the college are connected in 1Gbps LAN and provided with internet facility. The internet from Apollo online service of dedicated speed 55 Mbps through optical fiber cables are available.

In addition to this, the institute has obtained the facility of Reliance Jio, which provides additional high speed internet access through dedicated fiber connectivity. The institute has laid down access points across the campus. The internet is available 24 hours/365 days, and one can access the net from anywhere on the campus.

The networking of all blocks and departments is made through Optical Fiber Cables (OFC) and networking of all computer systems within the departments are provided through CAT 5/6 Cables.

C. Wi-Fi facility

All the hostels in the college are provided with Wi-Fi facilities for accessing both the Internet and Intranet using their personal laptops. Over 4 Wi-Fi units are installed in the hostels for better coverage and connectivity. The Wi-Fi facility is extended to all the buildings, including Administrative Office for access to Internet. Wi-Fi specifications are given in the following table.

Table 4.3.2 F: Wi-Fi Specifications

S.No	Type of Device	Quantity
1	TP-Link 150Mbps Wireless access point	20

D. Propriety software / Open source software

The college has various Propriety Software and Open Source Software for the benefit of the students, the staff and the research scholars. The complete list of the software is given in the following table.

E. Number of nodes/ computers with internet facility

All the 1242 computers available in the college are provided with Internet facility.

4.3.2 What are the institutional plans and strategies for deploying and upgrading the IT infrastructure and associated facilities?

The college is constantly upgrading both the software and hardware as per the prescribed norms and academic standards. The following are the strategies for deploying and upgrading IT infrastructure and associated facilities.

- No. of computers are maintained, as per prescribed norms. Obsolete computers are replaced periodically.
- Recently, all P-4 computer systems are replaced with i3 processor systems in all computer labs.
- Microsoft Campus Agreement is renewed every year.
- Software is purchased and license is renewed, as per syllabus requirement. Internet bandwidth connectivity is upgraded based on need.
- Wi-Fi connectivity provided on entire campus is upgraded periodically.
- Fire wall and anti-virus software are procured for security. IT enabled accessories are purchased, as per requirement. Maintenance is carried out regularly.

4.3.3 Give details on access to online teaching and learning resources and other knowledge, and information provided to the staff and students for quality teaching, learning and research.

All the computers in the college are enabled with internet facility.

- All the computers in the college are enabled with internet facility.
- All the e- journals and e-books purchased in the library can be accessed through Intranet.
- To promote self-learning capabilities among the students Digital Library has been established in the college that can be accessed through Intranet.
- The available e- learning resources contain NPTEL Videos, NPTEL web courses, e-books and other materials.
- CDs and DVDs are maintained separately for easy access by students.

4.3.4 Give details on the ICT enabled classrooms/learning spaces available within the College and how they are utilized for enhancing the quality of teaching and learning.

- All the classrooms in the departments are provided with electrical power supply to enable the use of LCD projector and laptop/computer for teaching learning process. Each department is provided with LCD projectors.

- The college has 6 air conditioned seminar halls with LCD projectors, computers with internet connectivity and public address system. These seminar halls are also utilized for the teaching-learning process by organizing guest lectures, workshops and seminars.
- The central library is equipped with Digital Library with 37 computers to access the e-learning resources.
- Computers connected through LAN facilitate the conduct of on-line tests.
- Video Conferencing / Skype facilities are available for interaction with experts from remote locations such as IITB.

4.3.5 How are the faculty facilitated to prepare computer aided teaching-learning materials?

What are the facilities available in the College or affiliating University for such initiatives?

- All the faculty members are provided with access to the computers that are provided with internet connection with a speed of 55 Mbps to prepare computer aided teaching-learning materials.
- Online learning (MOODLE) portal is initiated.
- Creation of local cloud based platform namely SIT Courseware has been initiated where the faculty members can upload the course material and course plan for the benefit of the student community.
- English language lab and audio visual labs are available wherein the faculty members promote interactive communication skills among students.
- NPTEL Web courses are available for faculty reference.

4.3.6 How are the computers and their accessories maintained (AMC, etc.)?

- A system of in-house maintenance is followed by the System and Network Administration (SNA) department, which takes care of installation and maintenance of computers and their accessories. Trouble shooting is carried out by SNA department, as and when required. SNA department also takes care of software license renewal and the renewal of internet connectivity.
- All the complaints received from the faculty members and students are attended immediately, and the problems are rectified.
- Up gradation maintenance and troubleshooting of the servers, network, Wi-Fi and storage are carried out by the department of IT services.
- Performance of the servers and systems is monitored for every 15 days.
- Green generators with a capacity of 200KV and 10 UPS are provided to supply uninterrupted power.

4.3.7 Does the College avail of the National Knowledge Network connectivity directly or through the affiliating University? If so, what are the services availed of?

National Knowledge Network Connectivity is under process.

4.3.8 Provide details on the provision made in the annual budget for update, deployment and maintenance of the computers in the College?

The entire IT infrastructure in the college is regularly updated, deployed and maintained. The details of the annual budget of the last three years for the above mentioned activities are given below.

Table 4.3.8: Annual Budget for Computers

S.No	Academic year	Budget For Computers /UPS in Lakhs	Amount spent in lakhs
1	2012-13	43.0	41.65
2	2013-14	20.0	16.74
3	2014-15	39.75	34.69
4	2015-16	120.00	115.21
5	2016-17	50.00	48.79

4.4 MAINTENANCE OF CAMPUS FACILITIES

4.4.1 Does the College have an Estate Office / designated officer for overseeing maintenance of buildings, classrooms and laboratories? If yes, mention a few campus specific initiatives undertaken to improve the physical ambience.

Yes, An Estate Office is functioning in the college premises to maintain the academic infrastructure and also develop the facilities required for the institution. This office consists of one Senior Civil Engineer, Assistant Engineer and three work inspectors to look after the construction and maintenance of the buildings, classrooms and laboratories. Periodical maintenance operations are taken up to provide comfortable and convenient utilization of infrastructure by the stakeholders. Necessary measures are also taken to improve the ambience of the campus by maintaining clean environment.

Enhancement of physical ambience

- Every year trees are planted to make the campus greener.
- Landscaping using grass covering, plants and trees.
- Concealed / underground systems for electrical cables.
- Rainwater Harvesting System is provided in the College
- All the laboratories, classrooms have good ventilation
- Protected with Earth Leakage Circuit Breakers.
- Provision of exhaust fans, wherever required.

- Provision of fumes and gases are easily escaping from the labs.
- Housekeeping is carried out regularly.

4.4.2 Does the College appoint staff for maintenance and repair? If not, how are the infrastructure facilities, services and equipment maintained? Give details.

Yes, the college has appointed staff for maintenance and repair. The college has an exclusive Estate Office to monitor and supervise the progress of the activities related to infrastructure development and maintenance.

The details of staff who are appointed exclusively for maintenance and repair is provided in the table below.

Table 4.4.2: Staff for Maintenance and Repair

S. No	Category	No. of Persons
1	Project Engineer/Estate Officer	2
2	Site Supervisor	2
3	Maintenance Engineer	1
4	Electrical Engineer	2
5	Electrician	3
6	AC Mechanic	2
7	Plumber	2
8	Carpenter	4
9	Helper	2
10	Operator- Mineral water plant	1
11	Stores In-Charge	2
12	Housekeeping - Supervisor	2
13	Housekeeping – Asst. Supervisor	2
14	Sweepers	45
15	Gardener	6
16	Chief Security Officer	1
17	Security Officer	1
18	Assistant Security officer	2
19	Security Guards	8

Criterion - V

Student Support and Progression

CRITERION V: STUDENT SUPPORT AND PROGRESSION

5.1 STUDENT MENTORING AND SUPPORT

5.1.1 Does the college have an independent system for student support and mentoring? If yes, what are the structural and functional characteristics?

Yes. The college has an independent system for student support and mentoring. Many students enter the college after completing their school education without a clear perception of how student life will be at the college. During this transition period there are chances that they deviate from the destined path unless they are groomed well. This necessitates the college to introduce the proctor system to mentor the students in academics and in non academics. Each student is monitored by a proctor and an advisor.

Structural Characteristics:

Mentoring system: A counselor is allotted for every 20 students. The counselors monitor the academic progress of the students and provide guidance for further development. The proctor guides and motivates the students towards their development and betterment in their academic and non academics such as sports, extracurricular, co curricular, behavioral and psychological phenomena. Proctors take the necessary steps for the slow learners by giving extra coaching. There is an opportunity for students to personally meet their Proctors and their advisors during lunch intervals and tea breaks for sharing any issue they are facing in their college life. They frequently interact with the parents of irregular and academically weak students and take their support in nurturing them.

Induction and Orientation: Induction day is conducted on the day of commencement of class work for all first year students wherein the Principal, Vice Principals, Deans, Heads of the Departments, Student Welfare Officer, Physical Director, Campus Doctor, Placement Officer, and the Librarian provide insight into the facilities available in the college. The freshers are also oriented towards achievement of their goals and objectives.

In the Parent-Teachers meetings, the Heads of the Departments, Class Advisors and Proctors discuss together with the parents and analyze the situation for the overall progress of their wards.

Functional Characteristics:

- Mentors continuously monitor the progress of all students attached to him/her regarding their attendance, discipline, internal marks, assignments, psychological problems and backlogs if any. All the above information is informed to their parents through SMS and e-mail for their reference and necessary action.
- Placement officer continuously conducts CRT programmes for the students of all the programmes in order to mold them for placements.
- Student Welfare Office as a single window renders all the services required for students.
- Physical Director motivates the students to participate regularly in sports and games.
- NSS Officer imbibes service oriented approach in the minds of young engineers.
- Club advisors encourage the students to participate in club activities such as Yoga and Meditation, Science, Sports etc.,
- Special classes are conducted for slow learners.

5.1.2 What provisions exist for academic mentoring apart from class room work?

- The departments organize National and International seminars/conferences, and project exhibitions, where students get opportunity to interact with experts in various fields of engineering.
- Students are encouraged to visit industries and participate in seminars /conferences/project exhibitions of other institutes.
- Alumni association organizes meetings where junior students interact with the alumni working in different companies. This interaction helps the students prepare themselves as per requirements of the industries.
- The departments arrange guest lectures on various emerging technologies by inviting industrial experts and eminent scientists.
- The department of physical education conducts Sports and Games to improve the physical fitness and self- confidence.
- Placement cell organizes CRT programs which help the students to develop presentation skills, interview skills and personality growth.
- Innovation center organizes various programs to encourage long-term innovative projects and start-ups.

**5.1.3 Does the College provide personal enhancement and development schemes for students?
If yes, describe techniques employed e.g., career counseling, soft skill development, etc**

Yes. The college earnestly provides personal enhancement and development schemes for students. The focus on personal enhancement and development invariably begins from the first semester, and it is carried on until the final semester.

Soft Skill Development

The institute conducts soft skills as part of regular curriculum to improve employability. The institution has a dedicated lab for this. Various language based activities will be conducted regularly. The college has a dedicated team of faculty members from Department of English to impart exclusive training to the students in Soft Skills and Personality Development. The college takes the initiative for enhancement of proficiency in English language skills from first year onwards. Gradual development of such skills may happen only when the training begins from the first semester. Students of the college are also given a platform to enhance aptitude and verbal skills continuously.

The Various activities of the department of English towards the personnel enhancement and communication development are given below:

1. Mock Interviews: Mock Interviews are conducted for all branches of III-B.Tech (I&II semesters) they are being conducted since 2013-14 batch of students. These interviews are conducted with English faculty members and IV-B.Tech students as panelists. The methodology is that one faculty member along with two IV-B.Tech students as panelists conduct interview for each student. Mock interviews enable students to have a fair idea about the sort of things they are going to experience in actual interviews, and prepare them how accurately they can deal with it. Model interviews are conducted by the IT professionals from corporate industry, HR professionals and motivational trainers.

2. Class News Magazine: As a maiden attempt, and innovative teaching practice, first year students are motivated and guided to prepare and release a Class Magazine. As a part of it the students of I-B.Tech (CSE-A) brought out a magazine every month under the Chief Editorship of Dr. G.V.S. Anantha Lakshmi. The class of 60 students is divided into 6 teams, each consisting of 10 students and a team lead.

3. Wall Dictionary: To serve the purpose of promoting competence in the vocabulary building, a white board is used, and it is displayed on the wall of every classroom. Every day, one student is asked to write ten words with its meaning, , phonetic transcription, the part of speech with example sentence

4. English Language Projects: The English faculty members assign and guide English Language Projects to I& III-B.Tech students. Firstly, each faculty will segregate all the students of his branch into different batches, each consisting of 5 to 6 students.

5. Vocabulary Greeting Cards: The students are regularly encouraged to prepare a vocabulary display card which is innovative and creative.

6. Phonetic Cards: As a part of learning Phonetics, the students are asked to prepare Phonetic cards. In these cards, they write different Vowel and Consonant sounds. This practice will enable the students to know about 44 English speech sounds thoroughly which, in turn, help them learn and write phonetic transcription very well..

7. Mock Group Discussions: A Group Discussion can be defined as a formal discussion involving 8 to 10 students or participants in a group to discuss 'the given or chosen topic.' The GD process is to assess a candidate's personality traits. Before conducting the Group Discussion, the faculty of English brief and train the students in the dynamics of GD.

8. Creative Language Fair: Department of English conducted an innovative "Creative Language Fair" for I B.Tech II SEM students of all branches (19 sections) on 20 February 2016 at D Block Ground Floor. The fair helped students to enhance their Creative Thinking, Team Building Skills and Communication Skills. Students reflected greater confidence and enterprise. **Best Display, Best Jury, Best Presentation, Best Teamwork awards** and Certificates of Participation were given to the best performers.

9. Mock United Nations Session (MUN): Department of English in collaboration with CSE and IT Departments conducted Mock UN session on 24th February 2015 for B.Tech II, III & IV year students of CSE and IT, with a view to give awareness on international affairs and world issues.



Fig 5.1.3(A): Photos of creative art from Language Exhibition



Fig 5.1.3(B): Photos of creative art from Language Exhibition



Fig 5.1.3(C): Photos of creative art from Language Exhibition.

5.1.4 Does the college publish its updated prospectus and handbook annually? If yes, what are the activities / information included / provided to students through the documents? Is there a provision of online access?

Yes. The college publishes department wise brochure and handbook annually. The prospectus covers the profile of the institute, vision & mission, programmes offered, eligibility criteria, intake, faculty and infrastructure details. Academic calendar contains examination schedule and list of holidays. All this information can be accessed through online from college web site. The college brochure is given to the prospective recruiters of the students. The college brochure is also available on the website and it can be accessed by the students and the public.

5.1.5 Specify the type and number of scholarships / free ships given to students (UG/PG/M.Phil/Ph.D./Diploma/others in tabular form) by the College Management during the last four years. Indicate whether the financial aid was available on time.

Yes. The financial aid is available for the students.

- The College has taken a Group Insurance policy for which covers the students.
- The students securing 1st and 2nd ranks in their respective disciplines are given cash awards.

5.1.6 What percentage of students receives financial assistance from state government, central government and other national agencies? (e.g. Kishore Vaigyanik Protsahan Yojana (KVPY), SN Bose Fellow, etc.)

- * Tuition fee waiver to poor students
- * Examination fee waiver to physically challenged students
- * Merit scholarships for the students securing 1st and 2nd rank holders of each department.

The students avail scholarships both from Central and State Governments. The college has setup scholarship section for processing the application of the students to get various scholarships SC/ST Scholarship, BC/EBC Scholarship, Minority Scholarship, Beedi workers Scholarship, Mine Worker Scholarship, children of service personal, SCR employees, TSRTC employees etc. All the students receive their scholarships and free ships usually at the end of the academic year. The administrative office of the college effectively functions for the welfare of the students.

Academic year	Category	Total number of students	Total number of scholarship holders	%
2012-2013	SC	175	146	83.43
	ST	76	64	84.21
	OBC	583	447	76.67
	EBC	1033	188	18.20
	Minorities	62	43	69.35
2013-2014	SC	161	141	87.58
	ST	91	60	65.93
	OBC	787	456	57.94
	EBC	571	224	39.23
	Minorities	58	47	81.03
2014-2015	SC	174	125	71.84
	ST	86	62	72.09
	OBC	762	397	52.10
	EBC	636	184	28.93
	Minorities	56	41	73.21
2015-2016	SC	164	134	81.71
	ST	83	74	89.16
	OBC	685	447	65.26
	EBC	599	201	33.56
	Minorities	54	40	74.07

5.1.7 Does the College have an International Student Cell to cater to the needs of foreign students? If so, what measures have been taken to attract foreign students?

At present, the college does not have International Student Cell. However, initiation has been taken to attract foreign students.

5.1.8 5.1.8 What types of support services are available for?

A. Overseas Students: At present no overseas students are admitted

B. Physically Challenged / Differently Abled Students: The college takes special care for the physically challenged / differently abled students with the following facilities:

- Ramps in buildings.
- Lecture Halls on the Ground Floor.
- Facilitating scholarship from the Government Examination on the Ground Floor.
- Special rest room provision for differently abled students.

C. SC / ST, OBC and economically weaker sections

- Admissions to various programs are carried out according to the reservation policies of the State Government through Single Widow Counselling.
- All SC/ST, BC, OBC and EBC students get financial assistance for the tuition fees, living expenses and pocket money from the Government of Telangana State.
- SC/ST book banks provide required textbooks to the students.
- Efforts are made to secure the Government Scholarships to the students on time.
- Students from economically weaker sections are permitted to pay the fees on installment basis.

D. Students to participate in various Competitions / Conferences in India and Abroad

- Students are motivated to participate in the events conducted in other colleges by providing on-duty permission, registration, TA and DA facilities.
- On-duty permission, registration, TA, DA facilities and technical support is provided by the faculty of the department to participate in competitions / conferences.

E. Health Centre, Health Insurance etc.

- A dispensary with a qualified doctor and nurse is available in the college and free medical facilities are provided to students and staff.
- An ambulance service is available in the college to reach the nearby hospitals in case of any emergencies.
- The college has a mineral water treatment plant which caters to the daily need of safe drinking water for all. This prevents from spreading of communicable diseases that are transmitted through contaminated water.
- All the students on the roll are covered under group insurance.

F. Skill Development (Spoken English, Computer Literacy, etc.,)

- Technical English is taught through the curriculum in the first year with due importance to grammar.
- Communication and soft skills labs are part of the CBCS curriculum for all UG programmes.
- IT work shop and computer programming theory and lab courses are mandatory for all undergraduate courses.
- Company specific training on soft skills and mock interviews are arranged to all final year students by inviting experts from recruiting companies.
- Every department provides technical training to the students in order to develop the students technically competent.
- Students earn practical knowledge by attending in plant training. Besides they are taken on industrial visits every academic year from their second year of study. They observe inquisitively and gather information and clarify their doubts through such programs.
- Computer education is provided from the first year onwards through the curriculum. Program specific software knowledge is provided through theory and lab courses.
- Value addition programs of specific software are also conducted to enhance the computer proficiency of the students.
- Students are encouraged to participation in seminars/ paper presentations /certification programs/ on-line courses to improve their language and presentation skills

G. Performance Enhancement for Slow Learners / Students who are at the risk of Failure and Drop-outs

- After identifying the slow learners, and students at the risk of failures, the class advisors concerned meet the students individually to know their problems in order to take remedial measures.
- Coaching classes are conducted to the students in subjects with high failure rates in extra hours and weekends.
- Bridge courses are conducted for first year and lateral entry students.
- Special counselling is provided to the students who are at the risk of drop-outs.
- Staff advisors take special care on the slow learners and adopt appropriate measures to improve their academic performance.

H. Exposure of Students to Other Institutions of Higher Learning /Corporate/ Business Houses, etc.

- The students get exposure to the industry through In-plant training and Industrial visits.
- The students interact with Corporates / Business Houses through professional body activities.
- Various certification programmes are conducted by the institution regularly.
- The students are sent to Conferences, Seminars and Symposiums to Higher learning Institutes which provide ample exposure to such institutes.
- Academic Experts of higher learning institutes are invited to interact with the students during Guest Lectures, Workshops and Seminars providing exposure to such institutes.
- Industry Experts are invited to share their experiences with the students on industry work practices. A Memorandum of Understanding is done with leading business houses.

5.1.9 Does the College provide guidance / coaching classes for Civil Services, Defense Services, NET/SLET and any other competitive examinations? If yes, what is the outcome?

Yes. The college provides guidance to the interested students by creating an awareness program. These students can access the books and CDs available in the central library.

- The training and placement division is providing coaching for the competitive exams like GATE, TOEFL, and GRE, and Placements etc.
- Outcome: Students are placed in reputed organizations and got admission into reputed universities/ institutions in abroad and India.

5.1.10 Mention the policies of the College for enhancing student participation in sports and extracurricular activities through strategies such as

- **Additional academic support, flexibility in examinations,**
- **Special dietary requirements, sports uniform and materials,**
- **Any other**

The Policies and strategies of the college to promote participation of students in **sports and extracurricular activities** are given below:

- Coaching for sports and games offered in the evening after college hours.
- Leave is sanctioned to participants in sports and extracurricular activities.

- Physical Director and Doctor create awareness on the dietary requirements for various sports and games.
- Travel allowances are given for participation in sports meet.
- College bus or college transport facilities are provided to the participants whenever required. TA/DA is given to attend inter-college events.
- Zonal, State & National level achievers are encouraged by awarding mementos and cash prizes.
- Outstanding students are honored as the best sports men and women of the year in the Annual Sports Meet.
- Certificates and mementos are given to the winners of various competitions conducted on the occasion of Annual Sports Day.
- 'Best Sports Man' and 'Best Sports Woman' are selected and appreciated with cash prize.

Extracurricular Activities:

The college organizes various cultural **and literary** events for students.

- It encourages the students to take part in cultural activities.
- The artists from the world of music, art, theatre are invited to perform on Fine Arts Day.
- The institution also promotes the participation of the students in inter-collegiate cultural competitions.
- The cultural and sports committees give opportunities to students to display their talents.

Additional Academic Support & flexibility in examinations:

- Faculty members conduct special classes to the students to teach the topics they missed due to participation in sports, games and other events.
- Those who are attending sports activities, the flexibility in examination is provided in the form of re conduction of assignment tests, and internal exams.
- Attendance will be given to the students during the days in which they have attended / participated in the sports at all levels.

Sports Uniform and Materials:

The institute provides sports uniform/tracksuits to all the students participating in inter - collegiate meets at University level and National level.

Special dietary requirements:

- Physical Director and Doctor create awareness on the dietary requirements for various sports and games.
- During the sports meet hygienic food is provided to the participants.
- Medical facility and boarding is provided to all the participants.

5.1.11 Does the college have an institutionalized mechanism for placement of its students? What are the services provided to help students identify job opportunities, prepare them for interview, and develop entrepreneurship skills?

Yes. The college has an institutionalized mechanism to organize campus recruitment. The college has a separate cell for Training and Placement that caters to the students on continuous basis through in-house training programs and outsourced training programs.

It functions effectively under the guidance of the Director headed by Placement Officer and Assistant Placement Officer. Every department has placement coordinators and student coordinators to identify the training needs and arrange the training programs for effective placement activities. In addition, a team of faculty members from each department regularly visit the industry for seeking internship, placement and placement related training from industry experts. The Training and Placement cell has well experienced and qualified trainers to train the students on aptitude, verbal ability, soft skills and technical skills.

In addition to training for final year students, placement training is also conducted for second year and pre-final year students. The students are tested in technical, aptitude, verbal and analytical skills and given extensive practices through online tests. The Training Cell also conducts company specific training for students, based on the company requirements. This enables them to prepare for the placement and perform well.

The placement cell has a proven track record of consistent high quality placements year after year, not only in on campus drives but also in the pool campus drives.

5.1.12 Give the number of students selected during campus interviews by different employers (list the employers and the number of companies who visited the campus annually for the last four years.

Many prominent organizations visit the college every year for their recruitment process. The percentage of recruitment of the students has increased year after year. Recruitment list is given below.

Table 5.1.12 (A): Statement showing the particulars of students placed in 2016-17 (as on 17/03/2017).

Year	Company Name	No. of Students selected
2016 - till now	Amazon	99
	Cyient	5
	Excers	4
	Financial Software and Systems	1
	Genpact	30
	GGK Technologies	2
	IBM	154
	IIT Bombay	1
	Indian Navy	1
	InRhythm	1
	Kony India	2
	MircorLand	25
	NTT DATA	1
	Nucleonix Systems Pvt. Ld.	5
	Osmosys Software Solutions Pvt. Ltd	12
	SP Global Solutions	25
	Tata Projects	2
	TCS (Tata Consultancy Services)	7
	Tech Mahindra	46
	Veon Consulting	3
VirtusaPolaris	2	
TOTAL OFFERS	428	

Table 5.1.12 (B): Statement showing the particulars of students placed in 2015-16.

Year	Company Name	No. of Students selected
2015-16	CA Technologies	4
	TCS (Tata Consultancy Services)	17
	Cognizant	24
	MindTree	16
	Polaris	9
	Mphasis	14
	OSMOSYS	7
	Excers	9
	Cyient	18
	MAQ Software	5
	Syntel	10
	AXIS Bank	14
	HCL	74
	IBM	11
	Tech Mahindra	11
	UXReactor	4
	Maintec	29

In Rhythm	2
Innovacx	4
C3i HealthCare Connections	3
GlobalLogic	2
IndustryARC	4
International Papers	1
Knoah Solutions	1
Nucleonix Systems Pvt. Ltd	3
Wipro	1
Wiro GE Health Care	1
EMC2	1
OpenText	1
NTT DATA	1
Sentini Geosol Pvt. Ltd.	1
Innominds	1
UPSC	1
Navayuga Infotech	2
GGK Technologies	1
MediaMint	1
Nalanda Factors & Corporate Services Pvt. Ltd	1
Veon Consulting	1
CGSL	1
CADSYS	1
Zeta	1
Amazon	66
Sutherland Global Services	76
Genpact	42
TSPSC	6
Vandana Life Sciences	4
SS Technomark	2
EFFLUENT TREATMENT INDUSTRY	1
BIOMAX	1
KRYTON CHEMICALS	1
AVRA Laboratories	1
ORTIN Laboratories	1
AKZO Nobel India	1
MLR INDUSTRIES	1
DIVIS PHARMA	1
GVK Biotech	1
Vitary Tech	1
TANLA Solutions Ltd.	1
WIZCRAFT	1

	United Health Group	2
	WELLS FARGO	1
	HYUNDAI	1
	MITSUBISHI ELEVATOR	2
	Accenture	2
	TOTAL OFFERS	529

Table 5.1.12 (C): Statement showing the particulars of students placed in 2014-15.

Year	Company Name	No. of Students selected
2014-15	INFOSYS	21
	TCS	23
	OPEN TEXT	1
	NTT DATA	1
	SYNTEL	10
	MPHASIS	16
	MIND TREE	10
	MAQ	1
	MACLEODS PHARMACEUTICALS LTD	10
	KONY LABS	6
	INVESCO	2
	INRHYTHM	2
	Cyient	7
	VIRTUSA	10
	VALUE LABS	3
	IGATE	2
	IBM	9
	HP	1
	HCL	23
	GRANULES INDIA PVT .LTD	3
	Global Logic	1
	GGK TECH	1
	GENPACT	21
	Enterpi Software Solutions	2
	EIDER MOTORS	2
	ECIL	1
	Deccan Fertilizers Ltd	3
	CTRLS	1
	CSC	1
	Conruit	1
CONCETRIX	1	
CoMakeIT	3	
CMC	2	

	CELIGO	1
	CAPGEMINI	11
	BIOMAX	2
	Amazon	49
	AXIS BANK	24
	AVANCE SERVICES	1
	Aurobindo	1
	Appsmart	1
	Andhra bank	1
	AGILITY	2
	ADP	1
	24X7	4
	Zensar Technologies	1
	Yodlee	1
	WIPRO	2
	Indian Pharma Distributors	1
	TNS WORLD	3
	TECH MAHINDRA	2
	SUTHERLAND	1
	ROCKWELL COLLINES	2
	PIRAMAL HEALTH LTD	1
	MEDICO INC	12
	MARKET TOOLS RESEARCH PVT LTD	2
	Aveva Solutions	1
	TOTAL OFFERS	328

Table 5.1.12 (D): Statement showing the particulars of students placed in 2013-14.

Year	Company Name	No. of Students selected
2013-14	INFOSYS	42
	ACCENTURE	26
	AMAZON	33
	NTT DATA	1
	MPHASIS	7
	ZIP.PR	4
	SEEK INFO MEDIA	4
	GENPACT	18
	IATROS HEALTH	8
	SKY FI LABS	5
	OSMOSYS	5
	CIMAREX ENERGY	2
	CEGEDIM	2
	ACROPETAL TECHNOLOGIES Ltd	2
	CADSYS	18

CRANE	1
TATA AIA	1
TCS	11
SUTHERLAND GLOBAL SERVICES	10
TOSHIBA	1
TECH MAHINDRA	3
MAQ SOFTWARE	5
TRIBRO SOFTECH PVT LTD	1
IBM	2
HCL	10
OPEN TEXT	2
HSBC	4
RELIANCE LIFE SCIENCES	1
BPRIL	3
STRATAGEEKS SOFTWARE INDIA PVT LTD	1
ADP	1
KCP SUGAR LTD	1
INDIA PESTICIDES LTD	5
SRIVEN INDUSTRIES	1
KIMS HOSPITAL	1
FREELANCE CONSULTANTS	2
SIGNION SYSTEMS	1
PANZER TECHNOLOGIES	1
INDIA FIRST LIFE INSURANCE	3
COMTECH INFORMATION SYSTEMS	1
COGNIZANT	6
VALUE MOMENTUM	1
FACT SET SYSTEMS	1
MWEBWARE SOFTWARE SERVICES	1
MAHINDRA & MAHINDRA	1
AP TRANSCO	1
MOLDTEK	3
CMC	14
VALUE LABS	2
MAKUTA UX	1
WIPRO	4
MICROPYRAMID	1
AEGIS	1
SYNTEL	2
VODAFONE	1
AXIS BANK	2
SMK SOFTWARE PVT LTD	1
WISE MACHINES PVT LTD	1

	CAPGEMINI	1
	MAGNAQUEST	8
	DELL	1
	TOTAL OFFERS	304

Table 5.1.12(E): Statement showing the particulars of students placed in 2012-13.

Year	Company Name	No. of Students selected
2012-13	Accenture	12
	CADSYS	45
	ADP	3
	ADTEST INFOTECH	1
	AGI	2
	AGS TECHNOLOGIES	2
	AI BARAHA LAND BULIDING CONTRACTING & GENERAL MAINTANACE	1
	Amazon	3
	Avra Laboratories	2
	BIRLASOFT	3
	Bosch	2
	ACCU SOLUTIONS	1
	Capgemini	1
	CMC	2
	CodeStudioITSolutions	1
	Cognizant	15
	DCS Labs	46
	Excers Software Solutions pvt ltd	2
	EXLINFOTEL	5
	FactSet Systems India Pvt. Ltd	1
	Fenesta	1
	Focus Academy For Career Enhancement	3
	Google Map	1
	HCL	1
	HI-GATE	1
	Hi-Tech Print Systems Ltd	1
	HSBC	2
	I GATE	1
	IBM	2
	INFOSYS	1
INFOSYS BPO	3	
INFOTECH	1	
Inuit Technology	1	
Invesco	2	

JUST DAIL	1
L & T CONSTRUCTION	1
L&T Infotech	2
LEMON TREE HOTEL COMPANY PVT LTD	2
MAGNAQUEST	3
Megha Engineering and Infrastructures Ltd	19
Neuland Labs	1
NFC (Nucler Fuel Complex)	1
NTT DATA	7
Polaris	1
RAY BUSINESS TECHNOLOGIES	1
Sheenlac Paints	2
Simtech	1
Spandana Sphoorty Financial Ltd	5
Srini Pharmaceuticals	3
SUTHERLAND GLOBAL SERVICES	3
Tara Data	1
Techmahindra	7
TRIANZ	1
UB SPIRITS	1
United Online	1
Virtusa	2
Vivimed Labs Ltd	3
WinIT Software	1
WIPRO	1
XTREAM IT SOLUTIONS	1
TOTAL OFFERS	243

Table 5.1.12(F): Placement Details (Department wise).

Year	Chemical	Civil	Computer Science & Engg.	Electrical & Electronics Engg.	Electronics & Comm. Engg.	Information Technology	Mechanical	M. Tech	MCA	MBA	Pharmacy	Total
2012-13	11	20	61	24	64	26	16		3	18		243
2013-14	16	5	68	38	82	31	42	2	4	8	8	304
2014-15	24		97	16	111	43	23	2	NA		12	328
2015-16	26	6	155	29	215	47	24	1	NA	12	14	529
2016- till date	4	1	136	32	162	51	34		NA		08	428

5.1.13 Does the college have a registered Alumni association? If yes, what are its activities and contributions to the development of the College?

Yes. The Alumni members of the college strive to create a forum to foster a fruitful communication and a congenial relationship among the Alumnae, the students and the College. The College conducts the Alumni meet every year. The college strongly believes that the success of the alumni reflects the success of the Alma Mater. The college believes in the dictum that the strength of the institution lies in the rapport maintained between the alumni and the institution.

- The Alumni are part of BOS in all departments.
- The Alumni acts as advisory members in all professional bodies and closely monitors and advises to the students on various events.
- Alumni members create awareness on employment opportunities. This Association conducts Alumni meets every year.
- Alumni members are also conducting various social service activities. SAHAYA is one of the examples for alumni social responsibility, started by an alumnus M. Kishore, CSE department. This is a non-profit trust which renders its service to orphanages, old age homes etc. with the support of alumni and public.
- Alumni members help in getting permission for industrial visits in their organization.
- Alumni members help in coordinating for signing MoU with companies where the alumni are working.
- Frequently the members of alumni deliver guest lectures /seminars to the students on recent advances in the industry, industry expectations and how to prepare for campus placements etc...
- Each department separately conducts meetings with their alumni members.

5.1.14 Does the College have a student grievance redressal cell? Give details of the nature of grievances reported and how they were redressed.

Every department has complaints, suggestions, grievances box near HoD chamber. The box is opened by the concerned HoD frequently and necessary actions will be taken. Students may directly contact their counselors for the solution of their grievances. All the complaints are resolved at the department level. However, if necessary the complaint is forwarded to the Principal for necessary action.

5.1.15 Does the College have a cell and mechanism to resolve issues of sexual harassment?

Yes. The college has a Girls Grievance Redressal Cell which redresses the grievances of the girl students and women staff including the grievances on sexual harassment. As and when

ever the issue arises, the committee address and resolves it. In addition, suggestion box is available in the department and at common places; the girl students can air their grievances on sexual harassment through the suggestion box. The college ensures the safety of girls and provides suggestions to improve the safety and security of the girl students and women employees.

5.1.16 Is there an anti-ragging committee? How many instances (if any) have been reported during the last four years and what action has been taken on these?

Yes. Anti-ragging committee has been formed as per the guidelines of the University Grants Commission. The Anti-Ragging squad conducts surprise checks at vulnerable places and hostels. No ragging related issues have been reported so far. The College obtains undertaking from students and parents on anti-ragging. The committee consists of senior faculty member as the head, senior students, staff, parents, warden, and student welfare officer as members. Anti-ragging squad is also formed to monitor the student activities of ragging at vulnerable locations like canteen, corridors, institute hostels, bus stops, and private hostels.

The anti-ragging committee conducts awareness on consequences of ragging incidences to the senior students with the help of local circle inspector, sub-inspector and judge.

5.1.17 How does the College elicit the cooperation from all stakeholders to ensure overall development of the students considering the curricular and co - curricular activities, research, community orientation, etc.?

The Alumni members are acting as advisory committee members for all professional bodies and clubs of all the departments and they are also part of BoS. Alumni meet is conducted every year. The AGI considers the suggestions given by all stakeholders during their meet to improve overall curricular and co - curricular activities, research and community orientation activities.

5.1.18 What special schemes/mechanisms are in place to motivate students for participation in extracurricular activities such as sports, cultural events, etc?

The college has special schemes / mechanisms to motivate the students for participating in extracurricular activities like sports and cultural events etc.

Cultural Events:

Every year a National Level Cultural Fest AGAMA and SYNERGY will be conducted in the college to bring the hidden talents from the students. The race of talent is conducted to

extract the inherent talents, skills of the students. Cultural events such as group dance, singing, drama, mono action, rangoli and fashion shows are conducted and prizes and certificates are distributed to the winners.

Sports:

The AGI regularly conducts various sports and games for all the students throughout the year. Cash prizes and merit certificates are given to the runners and winners in various events on Sports Day. Students are sponsored to participate in sports and games meets conducted at University level, National level. Physical Education Department conducts training to improve physical health and job opportunities. A well-qualified Physical Education Director is appointed to take care of all sports events both inside and outside the college.

Social Service:

NSS unit promotes social service activities including regular and special camps in the surrounding villages. These activities help students to understand life in the village environment and issues of the villagers.

5.1.19 How does the College ensure participation of women in 'intra' and 'inter' institutional sports competitions and cultural activities? Provides details of sports and cultural activities in which such efforts were made?

The institute encourages women to participate in 'intra' and 'inter' institutional sports competitions and cultural activities by providing the following facilities:

- The lady Physical Director takes utmost care to coach the girl students in various sports and games and motivate them to participate in the inter and intra-collegiate sports competitions and provides uniform.
- Separate sports facilities are created to ensure participation of the girl students and women faculty in various sports events.
- Physical Education Director along with the various department sports faculty coordinators conduct separate selection trials for women.
- Cultural and literary events like solo singing, mono actions in Telugu, English and Hindi, Fancy dress, Rangoli, Aantyakshari.. etc., are conducted for the girl students and women faculty.
- International Women's Day is celebrated every year.

Table 5.1.19(A): Girl Students Achievements in ‘intra’ and ‘inter’ institutional sports competitions for the academic year 2012-13.

Name Of The Tournament	Venue	Event	Result
Naipunya-2k12	Osmania University	Throwball (W)	Winners
		Table-Tennis Doubles (W)	Winners
		Table-Tennis Singles (W)	Winners
		Carroms (W)	Winners
Sports Bout-2k12	Anurag Group Of Institutions	Carroms Singles (W)	Winner
		Basketball (W)	3 rd place
University Team Selections	Keshav Memorial High School, Hyderabad	Kho-Kho (W)	Ms.K.Vijetha-Mech Iii Yr Got Selected For The University
Jntuh D-Zone Tournament	Nalla Narasimha Reddy Engineering College, Korremula.	Badminton (W) Singls	Ms.Salwa-Mech II-Winner
		Badmnton (W) Doubls	Ms.Salwa-Mech II & Vishnu Priya-Cse I-Runners
		Basketball (W)	Runners
		Table Tennis (W)Sngls	K.Vijetha-Mech III-2 nd
Jntuh Central Zone Tournament	Jntuh COLlege Of Engineering,Kukatply	Badminton (G)	Runner-Salwa Shaik-Mech-Ii Y

Table 5.1.19 (B): Girl student’s achievements in ‘intra’ and ‘inter’ institutional sports competitions for the academic year 2013-14.

Name Of The Tournament	Venue	Event	Result
3 rd State level inter engineering college Sports fest-2k13	Vidya Jyothi Institute of Technology (VJIT), Moinabad	Basketball (W)	Runners Up
		Throwball (W)	Runners Up
Naipunya-2k13	Osmania University, Hyderabad.	Table Tennis (W)	Ms.K.Vijetha of Mech-IV Yr secured second position
		Throwball (W)	Runners Up
		Carroms (W)	Ms.Vasundhara of Mech-IV Yr secured second position
University Team Selections	MGIT, Gandipet	Table Tennis (W)	Ms.K.Vijetha-Mech IV Yr got selected for the University
KITE Sports Fest-2k13	Krishna Murthy Institute of Technology, Ghatksr.	Basketball (W)	Winners
		Badminton (W)	Winners in Singles & Doubles
		Chess (W)	Winner

University Team Selections	CMRIT, Medchal	Handball (W)	Ms.Meenakshi-ECE-I Yr got selected for the University.
	Fort Judo Hall, Warangal	Taekwondo (Women)	Ms.Himaja –EEE-I Yr got selected for the University team.
IMG Reliance Colleges League	Hyderabad	Basketball	Women team of CVSR got nominated among top 10 teams in the city.
Sports Fest	Bhoj Reddy Eng. Col	Basketball (W)	Runners

Table 5.1.19 (C): Girl students’ achievements in ‘intra’ and ‘inter’ institutional sports competitions for the academic year 2014-15.

Name Of The Tournament	Venue	Event	Result
South Zone Inter-University Women’s Kho-Kho Tournament.	Indra Ganesan College of Engineering,Trichy.	Kho-Kho.	Ms.Adi Lakshmi of M.B.A-II Yr Got Selected For The JNTU-H Team.
South Zone Inter-University Women’s Kabaddi Tournament.	Kannur University Campus, Kannur Kerala.	Kabaddi.	Ms.Sriteja of ECE-II Yr Got Selected For The JNTU-H Team.
South Zone Inter-University Women’s Basketball Tournament.	Hindustan University,Tamilnadu	Basketball	Ms.Sowmya of CSE-IV Yr got selected for the JNTU-H Team
South Zone Inter-University Women’s Volleyball Tournament.	University of Madras, Tamilnadu.	Volleyball	Ms.Shresta.V of IT-IV Yr got Selected for the JNTUH Team
South Zone Inter-University Women;s Taekwondo Tournmnt.	Chennai, Tamilnadu.	Taekwondo	Ms.Himaja of EEE-II got Selected for the JNTUH Team.
State Level Inter-Engeneering College Sports Fest 2k15	Vidya Jyothi Inst. of Technology (VJIT), Moinabad.	Volleyball W)	Winner
Sports Fiesta-2k15, Inter-College Sports Festival.	Megha Institute of Engineering for Women, Ghatkesar.	Cricket(W)	Winner
		Volleyball(W)	Runner Up
		Throwball W)	Runner Up
		Kho-Kho	Runner Up

Name Of The Tournament	Venue	Event	Result
JNTUH-D-Zone-2015.	Sphoorthy Engineering College.	Badminton(W)S&D	Runner Up
		Table tennis(W)S&d	Runner Up
		Volleyball (W)	Winner
JNTUH-Central-Zone.	Mahatma Gandhi Institute of Technology(MGIT), Gandipet	Basketball W)	Runner Up
		Volleyball (w)	Third Place

Table 5.1.19 (D): Girl students' achievements in 'intra' and 'inter' institutional sports competitions for the academic year 2015-16.

Name Of The Tournament	Venue	Event	Result
South Zone Inter-University Women's Basketball Tournament.	SRM University, Chennai.	Basketball	Ms. D.Prathyusha of CSE-III Yr got represented JNTUH Team.
Naipunya-2k15.	Vignana Bharathi Institute of Technology(VBIT), Ghatkesar, Hyderabad.	Chess	Ms.Divya Dekate of Mechanical-II Yr Secured 1 st Place.
South Zone Inter-University Women's Kho-Kho Tournament.	Chennai.	Kho-Kho.	Ms.B.Santhosha of Civil-IV Yr Got represented The JNTU-H Team.
Sports Amalgam-2k16,Inter-College Sports Festival.	Holy Mary Group of Institutions,Keesara.	Throwball (W).	WINNER
All-India Inter University Netball Championship.	Chandigarh, Punjab,	Netball.	Ms.Spandana Reddy of Mechanical-IV Yr represented the JNTUH Netball Team.



Fig: 5.1.19: Performance of the girl students (group dance -winners)

5.2 STUDENT PROGRESSION

5.2.1 Provide details of programme-wise success rate of the College for the last four years. How does the College compare itself with the performance of other autonomous Colleges / universities (if available?)

The week survey ranked the institution as the 8th Best Engineering college in Telangana State. The college provides quality technical education to all the students, and ensures the students complete program successfully. The following is the success rate of the each program (in terms of graduation percentage) in the past 4 years.

Table 5.2.1 (A): Branch wise pass percentage for the last four years of UG (B.Tech. Courses)

SNO	Course Name	2012-13	2013-14	2014-15	2015-16
1	CSE	92	97	93.8	90.9
2	CIVIL	93.65	90.91	89.55	82.61
3	ECE	82.7	92.5	84.79	86.45
4	EEE	90.7	91.6	87	87
5	ME	95.31	76.4	79.1	78.5
6	CHE	96.4	87.09	73.07	94.87
7	IT	87	87	75	81
8	B.PHRM	90	71	91	87

Table 5.2.1 (B): Branch wise pass percentage for the last four years of PG (M.Tech / MBA/ M. pharma courses).

S.No	Department	Course Name-	2012-13	2013-14	2014-15	2015-16
1	CSE	CSE	100	88.8	86.6	87.5
		CS	100	84.6	92.3	100
		SE	91.6	90.9	84.6	-
		CNIS	-	-	100	100
2	CIVIL	SE	-	90.91	54.54	-
3	EEE	PE&ED	93.3	80.5	76.19	-
		EPS	60	66.67	66.67	-
4	ECE	VLSI	46.66	54.9	74.50	-
		ES	60	42.42	21.62	-
		WMC	-	-	40	-
		ECE	50	57.14	55.55	-
5	MECH	CAD/CAM	100	86	89	-
		MD	-	-	86	-
6	MBA	MBA	90	90.91	75.38	91.93
7	M.Pharm	Pharmaceutics	100	98	100	100
		Pharmatial Analysis	100	100	-	100
		Pharmacology	100	100	-	-
		IP	100	-	-	-
		PMRA	-	100	-	-
		Hospital&Clinical Pharmcy	98	-	-	-
		Pharma D	100	100	100	-

5.2.2 Providing the percentage of students progressing to higher education or Employment (for the last four years) highlights the observed trends.

The following table gives the number of students who are pursuing higher studies.

Table 5.2.2: Percentage of student progressing to higher education

Student progression	2012-13 Percentage (%)	2013-14 Percentage (%)	2014-15 Percentage (%)	2015-16 Percentage (%)
UG to PG	25.36%	35.31%	30.92%	25.02%
PG to M.Phil.	8%	8%	8%	10%
PG to Ph.D.	-	-	-	-
Employed	28.50%	29.75%	32.65%	27.55%
Campus selection	23.70%	34.57%	34.95%	31.33%
Other than campus recruitment	14.93%	9.90%	7.89%	7.41%

The observed trends:

- The students prefer placements and higher education because of employment opportunities and interest.
- The students get guided by the Placement Cell who prefers placement opportunities.
- Guidance is given to the students by the external experts about competitive exams for higher studies (apart from the guidance by college faculty members).

5.2.3 What is the Programme-wise completion rate/dropout rate within the time span as stipulated by the College/University?
Table No 5.2.3: Programme-wise Completion Rate/Dropout Rate (%).

S.No	COURSE	2012-2013		2013-2014		2014-2015		2015-2016	
		Completion Rate	Dropout Rate	Completion Rate	Dropout Rate	Completion Rate	Dropout Rate	Completion Rate	Dropout Rate
1	CSE	97.5	2.5	97.5	2.5	91.1	8.9	92.5	7.5
2	IT	86.6	13.4	87.2	12.8	74.5	25.5	85.7	14.3
3	CIVIL	93.6	6.4	90.9	9.1	89.55	10.45	82.61	17.39
4	ECE	100	0	100	0	100	0	100	0
5	EEE	90.75	9.25	91.6	8.33	87.03	12.96	88.88	11.11
6	ME	97	3	94.5	5.5	98.62	1.38	98.62	1.38
7	CHEM	85.24	NIL	80.6	NIL	67.85	1.78	94.84	NIL
8	MBA	97.7	2.3	87.5	12.5	85	15	86	14
9	B.Pharm	84	NIL	76	NIL	46	2	63	1.24

5.2.4 What is the number and percentage of students who appeared/ qualified in examinations like UGC-CSIR-NET, UGC-NET, SLET, ATE / CAT / GRE / TOEFL / GMAT / Central / State services, Defense, Civil Services, etc.

The Training and Placement Division help the students to opt for higher studies or prepare for competitive examinations.

Table 5.2.4: Percentage of students completed competitive exams.

S.No	Course Name	2012-13(%)	2013-14(%)	2014-15(%)	2015-16(%)
1	B.Tech (ME)	13	20	32	38
2	B.Tech(CSE)	59.18	53.33	46.42	45.71
3	B.Tech(CHE)	33	33.84	28.3	33.3
4	B.Tech (ECE)	11.2	23.8	13.8	16.6
5	B.Tech (EEE)	21.3	26.08	34.54	30.04
6	B. Tech (IT)	8	5	3	18
7	B.Tech. (CE)	11	8	5	3
8	MBA	-	-	-	-
9	B.Pharm	20	22	9	31

5.2.5 Provide details regarding the number of Ph.D/D.Sc./D.Litt. theses submitted, accepted, resubmitted and rejected in the last four years.

The College has very good number of faculty members with Ph. D. who in turn guide the research scholars within the institution and in the surrounding institutions. At present more than 50 faculty registered for Ph. D. and their research work is in progress.

Table 5.2.5: Ph. D. Thesis.

S.No	Details	2012-13	2013-14	2014-15	2015-16
1	Thesis submitted	3	-	3	7
2	Thesis accepted	1	2	2	4
3	Thesis rejected	-	-	-	-
4	Doctorate Awarded	3	2	3	6

5.3 STUDENT PARTICIPATION AND ACTIVITIES

5.3.1 List the range of sports and games, cultural and extracurricular activities available to students. Provide details of participation and program calendar.

The college offers various student centered activities like sports and games, cultural and extracurricular activities. A wide range of opportunities are available for the students through Inter-departmental and inter-collegiate competitions to bring out their potential talents.

Table No 5.3.1 (A): Details of sports & games activities.

S.No	List of sports & games	Activity details
1	SPORTS BOUT	National level sports meet (inter college) conducted by AGI in the institution.
2	Inter University Matches	Selected Players both girl and boy students represent for University. A very good number of the students (boys & girls) of this institution represent the University team
3	Zonal Tournament	Selected boys and girl student's plays in Zonal games. Many students represent every year
4	Sports meet of students	Inter Departmental sports meet of AGI.
5	Sports meet for girl students	Inter Departmental sports meet for girl students of AGI.
6	Annual women faculty sports meet	Inter-Departmental women faculty competitions
7	Annual Non-Teaching Faculty sports meet	Sports competition between non teaching faculty
8	Annual Faculty sports meet	Interdepartmental faculty competitions

Table No 5.3.1 (B): Details of cultural and extracurricular activities

S.No	Name of the cultural program	List of cultural and extracurricular activities
1	AGAMA	Dance, Traditional fashion show, Singing, Dramas etc.
2	Synergy-the Annual day	Dance, Traditional fashion show, Singing, Dramas etc
3	Fresher's Day	Quiz, Debate, JAM, Fashion show, Games and Athletics, Mono Action, Dance
4	Traditional day for boys and girls Day	Traditional and cultural events
5	Language Fair	A fair is conducted for the students to bring their creative and communication skills
6	Faculty (men) cultural fest	Cultural competitions between faculty
7	faculty (women) cultural fest	Cultural competitions between women's faculty
8	Non teaching faculty cultural fest	Cultural competitions between non teaching members
9	Farewell	Dance, Singing, Dramas etc.

Cultural events are organized in an air-conditioned auditorium or open air theatre with the latest audio-visual systems. Besides, major cultural events are organized in the Open air theatre which has a seating capacity of 5000.



Fig.5.3.1 (A): The Chairman Dr. P. Rajeshwara Reddy, MLC, addressing the gathering of Synergy.



Fig.5.3.1 (B): Traditional day celebrations by girl students.



Fig.5.3.1 (C): Traditional day celebrations by boys students.

5.3.2 Provide details of the previous four years regarding the achievements of students in co-curricular, extracurricular activities and cultural activities at different levels: University/ State/Zonal/ National/International, etc.

Prestigious / Major Achievements in sports achievements

1. **Mr. N.V.S.Vijetha** of Computer Science Engineering represented India in various International Badminton Tournaments including **World Universiade Badminton Championship held at South Korea** in June, 2015.
2. **Ms. D.Himaja** of Electrical and Electronics Engineering won Gold Medal at the National **Taekwondo** Championship and was selected to represent India at the **1st Student Olympic Asian Games, Nepal-2015**.
3. Department of Sports and Physical Education has produced **55 players** (List Attached) till date who represented the **University at South-Zone and All-India level Tournaments**.
4. College has achieved Over-All Championship at JNTUH-D Zone Tournament for 4 Consecutive Years (2011-2015).
5. Players have won laurels to the college winning prizes at many Inter-College tournaments at State and National level.
6. Players have excelled at National level in sports like Archery, Athletics, Badminton, Cricket, Football, Kabaddi and Taekwondo.

Table 5.3.2: List of University/ State/Zonal/ National Representatives From Anurag Group of Institutions.

S.No	Name of the student	Department	Event	Year
1	N.V.S.Vijetha	CSE	Badminton	2011-2012
2	D.Pavithra Reddy	Mech	Basketball(w)	2011-2012
3	B.Sumalatha	Civil	Basketball(w)	2011-2012
4	K.Vijetha	Mech	Kho-kho(w)	2011-2012
5	S.Bala Krishna	M.B.A	Power-lifting	2011-2012
6	NVS.Vijetha	CSE	Badminton	2012-2013
7	M.Venu Kalyan	Mech	Cricket	2012-2013
8	K.Vijetha	Mech	Kho-Kho	2012-2013
9	D.Ramakanth	Chem	Wrestling	2012-2013
10	Mr.N.V.S.Vijetha	CSE-III	Badminton	2013-2014
11	Mr.V.Mahesh	MECH-IV	Basketball	2013-2014
12	Mr.V.S.Ravi Kiran	CSE-IV	Basketball	2013-2014
13	Mr.S.Rajesh	MECH-III	Kabaddi	2013-2014
14	Mr.K.Surya Prakash	MECH-II	Handball	2013-2014
15	Ms.M.Minakshi	ECE-I	Handball	2013-2014
16	Ms.Himaja	EEE-I	Taekwondo	2013-2014
17	Mr.M.Venu Kalyan	MECH-IV	Cricket	2013-2014
18	Mr.N.V.S.Vijetha	CSE-IV	Badminton	2014-2015
19	Mr.S.Vishnu Kumar	M.B.A-II	Hockey	2014-2015
20	Mr.Immaraj Jenetty	CSE-IV	Basketball	2014-2015
21	Mr.S.Rajesh	Mech-IV	Kabaddi	2014-2015
22	Ms.T.Sri Sowmya	CSE-IV	Basketball	2014-2015
23	Ms.V.Shreshta	I.T-IV	Volleyball	2014-2015
24	Ms.M.Adilaxmi	M.B.A-II	Kho-Kho	2014-2015
25	Mr.S.Venu	CSE-III	Kho-Kho	2014-2015
26	Ms.P.Sai Sindhuja Reddy	ECE-III	Handball	2014-2015
27	Mr.K.Surya Prakash	Mech-III	Handball	2014-2015
28	Ms.Saritha	ECE-II	Ball Badminton	2014-2015
29	Ms.D.Himaja	EEE-II	Taekwondo	2014-2015
30	Ms.D.Sri Teja	ECE-II	Kabaddi	2014-2015
31	Mr.K.Surya Prakash	MECH-IV	Handball	2015-2016
32	Ms.M.Spandana	MECH-IV	Netball	2015-2016
33	Mr.G.V.P.Mahitej	CSE-IV	Chess	2015-2016
34	Ms.B.Santosha	Civil-IV	Kho-Kho	2015-2016
35	Mr.Ch.Anil Kumar	Chem-III	Kabaddi	2015-2016
36	Mr.Ashok Yadav	Civil-III	Taekwondo	2015-2016
37	Ms.D.Pratyusha	CSE-III	Basketball	2015-2016
38	Mr.V.Abhishek	Mech-II	Cross Country	2015-2016
39	Mr.G.Sricharan	B.Pharm-II	Gymnastics	2015-2016
40	Mr.V.Abhishek	Mech-II	Athletics	2015-2016
41	Mr.D.V.Prajay K	Mech-I	Archery	2015-2016
42	Mr.V.Abhishek	Mech-III	Cross Country	2016-2017
43	Ms.N.Indu	CSE-II	Chess	2016-2017



Fig: 5.3.2 (A) Hat-Trick Zonal Over-All Championship at Jntuh D-ZONE.



Fig: 5.3.2 (B) Throwball (Women).



Fig: 5.3.2 (C): Badminton (Men & Women).



Fig: 5.3.2 (D) The Chairman Dr. P. Rajeshwara Reddy MLC with winners of VOLLEYBALL (MEN) team.

5.3.3 How often does the college collect feedback from students for improving the support services? How is the feedback used?

The college collects feedback forms from the students and it takes immediate steps to improve the performance of the college. Suggestion boxes are placed in the college and the following actions have been taken:

- Extension of library & Net Labs beyond the institute hours.
- Free transportation during extended hours.
- Enhanced plant capacity for purification of drinking water.
- ATM facility.
- Increase in the issue of library books from 2 to 4
- Increased internet bandwidth from 25 mbps 56 mbps and in addition to that Reliance JIO has also procured for high internet facility.

5.3.4 Does the College have a mechanism to seek and use data and feedback from its graduates and employers, to improve the growth and development of the College?

Yes. The college has a mechanism to seek formal and informal feedback from its graduates. The feedback is generally collected by all the departments on Graduation Day and also once in a year during alumni meets. This feedback enhances the institutional growth and the academic activities. Based on the suggestions, the remedial action is taken for the betterment of the students. The exit survey is collected at the end of the final year. The exit survey also plays a vital role in various academic, social and ethical improvements of the students.



Fig.5.3.5 (A): Graduation Day celebrations at AGI



Fig.5.3.5 (B): Award of Degrees to students -Graduation Day

5.3.5 How does the college involve and encourage students to publish materials like catalogues, wall magazines, College magazine, and other material? List the major publications/ materials brought out by the students during the previous academic sessions.

Students are constantly encouraged to present papers in the students symposiums organized in the institute and other institutions. The college website is created by the student representatives, which provides information to the students, parents, faculty and the public.

5.3.6 Does the College have a Student Council or any similar body? Give details on its constitution, major activities and funding.

All the students are involved in many activities of the institute. Every department has student associations and student clubs. These associations and clubs organize various curricular and co-curricular activities to update the technological development and to improve the holistic personality of the students. Students take the key role in organizing all the events and activities under the guidance of faculty members and HoD. Each professional body/ club and association has a faculty advisor and alumni advisors who guides in planning, organizing and mentoring various student activities. The list of the student council and alumni council for various professional bodies /clubs of the AGI are given below.

Table 5.3.6: The list of the students & Alumni council members for various professional bodies/ Associations clubs, for the last two years.

Year	Professional body	Alumni students & Council member
2015-16	Microsoft Innovation Center (MIC)	<ol style="list-style-type: none"> Ms. Aparna Shankar, III B.Tech Mr. E Vashistha, III B.Tech Mr. P Vamshi Krishna, II B.Tech Ms. B Vinitha, II B.Tech Mr. S Sai Kumar, (Alumini) Ms. AlkaNayak,(Alumini)
	IBM Academic Initiative	<ol style="list-style-type: none"> Ms. R Vashnavi IV B.Tech ; Ms. V Keerthi IV B.Tech; Mr. KalyanBabuDuddala, IV Ms. P Archana III B.Tech Mr. Chandra Mouli III B.Tech Mr. L Sai Krishna (Alumni) Mr. A Praveen (Alumni)
	IUCEE CVSR SPEED CHAPTER	<ol style="list-style-type: none"> Mr.JatinBharadwaj, III B.Tech CSE. Mr.AnudeepKorvi, III B.Tech IT. Mr SravanKumar, IV B.Tech ECE. Ms P Srikanth, III B.Tech ECE. MsDeepthiReddy, II B.Tech ECE. Mr Naga Anjaneyulu , (Alumini) Miss. Tina Gress (Alumin)
	CVSR CSI Student Chapter	<ol style="list-style-type: none"> Mr.T.Srivastava Ms.Archana Mr.Srikar (Alumni) Ms.Sahithi Reddy (Alumni)
	Mozilla Firefox Club	<ol style="list-style-type: none"> Mr. N.Gopal, IV B.Tech Mr. Aditya Vardhan ,III B.Tech Mr.Shashank, III B.Tech Ms.Laasya, III B.Tech Mr.P.Manoj Reddy III B.Tech Ms.PreetiMandal, III B.Tech Ms.K.HariPraveena, (Alumini) Ms.RojaRaman,(Alumini)
	Maven Cognikz Activities	<ol style="list-style-type: none"> Mr.Ronith (IV) Mr.Preetish (III) Ms.N.HimaBindu (III), Ms.Rakshitha(II) Mr.Nimish Patel(II), Ms.Akshaya(II) Mr.Prakash(II), Mr.Nikhil(III) Mr. Ravi Teja , (Alumini) Ms.Bhavana , (Alumini)
	ISTE Student Chapter	<p>Mr. V .Nithin Reddy, III B.Tech</p> <p>Mr. Dinesh Kumar, III B.Tech Mr. P. Raghavendra, III B.Tech</p> <p>Mr. J VinayKumar, (Alumini)</p> <p>Ms. Rojaraman, (Alumini)</p>
	Oracle Academy Activities	<ol style="list-style-type: none"> Ms.K.SrivaniB.Tech CSE (III)

		2. Ms. M. Archana, CSE (III) 3. Ms. G. Pravallika Reddy (III)
	Anurag Android Club	1. G.Pravallika Reddy 2. K.Souseelya 3. T.M.Sai Vishal 4. C.Manvitha 5. P.Ankitha 6. Supesha 7. RajenderSirvi (Alumni) 8. Santhoshi (Alumni)
	CVSR SAHAYA	1. Mr. L SasankSrivatsa, (IV Year) 2. Mr. K Naga SaiRamya (III Year) 3. Mr. Kalyan, (II Year) 4. P. Sirkar (Alumni) SuriVaibhavi(Alumni)
2015-16	CVSR IEEE Student Branch	1. V Nithin Reddy –III-C 2. Kommera Dinesh Reddy –III- C 3. B Anusha –III C 4. D krishnaSahithi III-C 5. K.Vamshi Krishna (Alumni) 6. R.Vaishnavi (Alumni)
	NULL club	1. P B Surya Subhash 2. Srinivas M 3. Vasishta A E M 4. KaushikBharadwaj
	WEB Club	1. Ms. B.Anusha, III Year 2. Ms. B. SatyaVani, III Year
2016-17	CVSR IEEE Student Branch	1. V Nithin Reddy –IV-C 2. Kommera Dinesh Reddy –IV C 3. Sashirekha–IV C 4. D krishnaSahithi IV-C 5. K.Vamshi Krishna (Alumni) 6. R.Vaishnavi(Alumni)
	NULL club	1. P B Surya Subhash 2. KaushikBharadwaj 3. V Raghu Ram 4. MadhuVarun 5. Preetimandal 6. P.Anirudh
	WEB Club	1. Ms. B.Anusha, III Year 2. Ms. B. SatyaVani, III Year
	IUCEE CVSR SPEED CHAPTER	1. Mr.JatinBharadwaj,III B.Tech CSE. 2. Mr.AnudeepKorvi,III B.Tech IT. 3. MrSrvanKumar,IV B.Tech ECE. 4. Ms P Srikanth,III B.Tech ECE. 5. MsDeepthiReddy,II B.Tech ECE. 6. Mr Naga Anjaneyulu , (Alumini) 7. Miss. Tina Gress (Alumin)
	CVSR CSI Student Chapter	1.Mr.M.Rishi 2. Ms.Aishwarya.V

		3. Mr.Srikar (Alumni) 4. Ms.Sahithi Reddy(Alumni)
2016-17	MOZILLA firefox club	1. Mr. N.Gopal, IV B.Tech 2. Mr. Aditya Vardhan ,III B.Tech 3. Mr.Shashank, III B.Tech 4. Ms.Laasya, III B.Tech 5. Mr. P.Manoj Reddy III B.Tech 6. Ms.PreetiMandal, III B.Tech 7. Ms. K HariPraveena, (Alumini) 8. Ms.RojaRaman,(Alumini)

5.3.7 Give details of various academic and administrative bodies that have student representatives on them. Provide details of their activities

The academic and administrative bodies have the student representatives to enhance the traits of decision-making and leadership. The details of the activities are given below.

National service scheme: The NSS comprises of Secretary, Ward Secretary and NSS volunteers along with the NSS Program Coordinator and NSS Program Officer. The student volunteers of the NSS aim at developing student personality through community services. The NSS Program Coordinator and NSS Program Officer motivate the volunteers to serve the society through various activities like blood donation, special camps, awareness programs, planting tree saplings, cleaning the temple premises etc.

Training and Placement Cell: The student volunteers from each department act as placement representatives and coordinate all the placement programs, guest lectures and the training activities. Peer group training by the students, enhance the talents of students.

Department association: The department associations regularly organize technical programs in the name of clubs and societies. The associations regularly conduct various programs by inviting experts from industry as resource persons. The college is endowed with the student representatives in all the department associations and student chapters like CSI, IEEE, SOEC, ISTE, IE (I), SAE, and IETE.

Anti-ragging Committee: Anti-ragging committee student representatives actively participate in maintaining a ragging free environment in the campus. The committee also takes instantaneous action to get rid of ragging.

Library Committee: The library committee has student representatives and they provide suggestions on the functioning of the library, library timings and additional books needed.

Students' Suggestion Committee: The student representatives of the suggestion committee provide suggestions on various issues of the college including curricular, co-curricular, extra-curricular and support services.

Criterion - VI

Governance, Leadership and Management

CRITERION VI: GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 INSTITUTIONAL VISION AND LEADERSHIP

6.1.1 State the vision and mission of the college

Vision:

To be a premier institute in the country and region for the study of Engineering, Technology, and Management through maintaining high academic standards and teaching quality that promotes the analytical thinking and independent judgment necessary to function responsibly in a globalized society.

Mission:

To be a world-class institute, achieving excellence in teaching, research and consultancy in cutting-edge areas and be engaged in the service of society in promoting continued engineering, technical and management education.

6.1.2 Does the mission statement define the college's distinctive characteristics in terms of addressing the needs of the society, the students it seeks to serve, college's traditions and value orientations, vision for the future, etc.?

Yes. The mission statement of the institute addresses the needs of the society in terms of well-disciplined, intellectual, innovative, competent and holistic engineers.

It also brings social awareness among engineers on human life, morals, values and social service. The mission aims to make students acquire important skills through teaching-learning process innovation, practical approach and rational thinking. Dissemination of knowledge and information to the society through outreach research activities and addressing the issues concerned to the society

Yes. The mission statement of the college addresses the distinctive characteristics as mentioned below:

a) Addressing the needs of the society

The following Mission Statements address the needs of the society:

- To establish effective linkage with industries
- To establish an effective tie-up with consultancy in cutting-edge areas.
- To offer services for the development of society through education and technology
- To design the various parts in any industry by adopting new research techniques.

Social responsibility is the core of all the activities of the college. As a college offering technical education, collaborating with industries is vital. The college collaborates with industries for mutual benefit. Industries provide inputs to the college regarding their expectations from the students. The students become industry ready through in-plant training, Mini Projects and Major Projects/ Interviews conducted by industries. The college also serves the society by imparting outreach training programmes for the rural youth and women for their employment.

b) Vision for the Future

Statements in the Mission that address the Vision for the future:

- To become the deemed university
- To provide world class infrastructure to students and staff.
- To offer services for the development of society through education and technology
- The college envisions becoming a Centre of Excellence of national repute in technical education and scientific research for the benefit of the society.

6.1.3 How is the leadership involved in

- * **Ensuring the organization's management system development, implementation and continuous improvement**
- * **Interaction with stakeholders and interaction with alumni**
- * **Reinforcing Culture of Excellence**
- * **Identifying needs and championing organizational development (OD)?**

A. Ensuring the organization's management system development, implementation and continuous improvement:

The institute has a well-structured decentralized system with definite roles and responsibilities. The structure of the leadership is formulated to plan, monitor and implement various activities to attain the Vision and the Mission of the institute. Functioning of system at every level is reviewed and the necessary changes are brought on need basis for continuous improvement. All the committees have been constituted as per UGC guidelines for autonomous institutes.

B. Interaction with stakeholders and interaction with alumni:

There is a mechanism to receive feedback from the parents, employers and alumni. The feedback is analyzed and appropriate steps are taken for the growth of the institute. Institute collects the opinions from industrial experts, scientists and academicians. The leadership team of the college interacts with the stakeholders on various occasions.

C. Reinforcing Culture of Excellence:

The Culture of Excellence is ensured by the leadership by following measures:

- Recruiting competent faculty.
- Providing opportunities for enrichment of knowledge by faculty.
- Providing the latest information resources through central library, departmental library and digital library.
- Developing infrastructure and modern labs for creative learning environment.
- Implementing autonomy effectively in curriculum development.
- Providing excellent facilities across the campus.
- Awards to toppers in academics, co-curricular and extra-curricular activities.
- Encouraging faculty members by awarding for their contribution in academics, research, sports and extra extra-curricular activities.
- Establishing research centres.
- Establishing an Industry-Institute-Interaction Cell (III) for doing any consultancy works and share the knowledge.
- Establishing various professional body societies.
- Collaborating with industries and other organizations of national and international repute.
- Providing placement opportunities and career counselling to the students.
- Accreditation by NBA and TCS.
- Applying for accreditation for NAAC.

D. Identifying needs and championing Organizational Development (OD)

The organizational development is carried out to achieve the Vision and Mission of the college. The needs of organizational development of the organization are identified through:

- Feedback from stakeholders.
- Suggestions from experts in the Governing Council, Academic Council and Board of Studies meetings.
- Interaction with faculty members.
- Performance appraisal of teaching and non teaching staff. Review of examination results.
- Attainment analysis of student learning outcomes.
- Placement of students.

6.1.4 Were any of the senior leadership positions of the college vacant for more than a year? If so, indicate the reasons.

No senior leadership positions were vacant for more than a year.

6.1.5 Does the college ensure that all positions in its various statutory bodies are filled and conduct of meetings at the stipulated intervals?

Yes, the statutory bodies such as Governing Bodies, Academic Council and Board of Studies were filled with eminent personalities from the institutions and industry, as per the guidelines stipulated by the UGC and AICTE, JNT University, Hyderabad. The meetings of the above statutory bodies are conducted at regular intervals, and minutes of the meeting are made available at the administrative office and respective departments.

6.1.6 Does the college promote a culture of participative management? If yes, indicate the levels of participative management.

Yes, the institution promotes the participative management. It strongly believes in the active involvement of all the members of the AGI (ANURAG) family for effective management.

The Deans, HoDs and faculty members are nominated in various management bodies, such as Governing Body, Academic Council, Board of Studies, hostel wardens, transportations, Quality Assurance Cell, Alumni Association, Professor In-charge for Library and Training and Placement Division. Academic Committee, Industry-Institute-Interaction Cell (III), Entrepreneurship Development Cell (EDC) and Women Grievances Committee.

A high level of decentralization is facilitated through delegation of powers to various committees who execute the academic and the extra-curricular activities of the institute. The management addresses various issues of the institute at regular intervals and periodically conducts review meetings and collects suggestions from faculty members to develop the road map for the future academic activities.

a. Areas of participation by faculty members:

- The Director with the Deans and Heads of the Departments discusses the needs, problems and seeks suggestions to improve the educational quality and infra-structure improvements to talk to the management for further action.
- Senior faculty members are a part of the Governing Body contributing to the major decisions of the institution.

- The Finance Committee, where all financial decisions of the college are taken, also has faculty representation.
- Deans, Heads of the Department are the constituent members of Academic Council.
- All the decisions regarding the academic, research and development activities of the college are taken at the meetings of the Heads of the Departments.
- Board of Studies comprises HoD and senior faculty members of the respective departments
- Faculty members plan, coordinate and execute the activities of academic and administrative committees, NSS, clubs and associations.
- Staff members carry out the duties as a part of various committees like NBA, NAAC etc. formed by the institute.
- The IQAC, where all decisions related to quality assurance are taken, has representation of students and alumni in addition to the Heads of the Departments.

b. Areas of student participation:

- Alumni are a part of executive bodies like Advisory Board and Board of Studies
- Students are nominated in various committees like Anti-Ragging Committee, Canteen Committee, etc.
- All classes have representatives who are helpful in organizing functions and activities in the institute.

c. Areas of participation by non-teaching staff:

- The administration office of the institute is controlled by an Administrative Officer (AO) assisted by a HR Manager, Accounts Officer and Clerical Staff.
- The HR Manager is responsible for faculty recruitment.
- The Accounts Officer is assisted by accountants for collection of fees from students and remittances in respective banks. Preparation of salary details, maintenance of various cashbooks, remittances of service bills, preparation of balance sheets for every financial year.
- To ensure cleanliness in arrangements of workshops/seminars.

6.1.7 Give details of the academic and administrative leadership provided by the university to the college?

The affiliating university JNTU, Hyderabad nominates eminent professors as members of Institute Governing Body, Academic Council, Boards of Studies to support and guide the academic mechanism, Result Processing Committee and Staff Selection Committee.

6.1.8 How does the college groom the leadership at various levels?

The institute mainly focuses on transformational leaders by giving freedom and power to do different activities independently at various levels. They are encouraged to attend various training programmes / FDPs/ Refresher Courses organized at reputed institutes in the country. Faculty members are encouraged to organize various programmes at institutional level.

6.1.9 Has the college evolved any strategy for knowledge management? If yes, give details.

Yes. The Knowledge management is implemented by the following steps:

Knowledge Capturing:

- Guest lectures, seminars workshops, and professional body activities are organized for the students beyond the curriculum to improve their competency. Industrial visits and in-plant trainings provide knowledge about the technical aspects of the industries. These help the students to acquire knowledge available in the industry.
- The Institute's website provides information about the profile of the institute, faculty and updated activities taken up by the institute.
- The Institute has a Digital Library and intranet to share the e-resources such as journals, software, e-books and other e-material.
- Webinars through IUCEE is another mode of exchange of knowledge with experts from foreign universities, IITs, NITS, and IIMs etc.
- Faculty members are sponsored to attend seminars, workshops, conferences and Faculty Development Programmes to update their technical knowledge and pedagogical skills. Faculty Induction Programmes are conducted to orient the newly joined faculty members.
- The college library houses a large collection of books, journals and e-resources to enhance the knowledge of the faculty and students. The Digital Library has vast collections of CD-ROM publications, e-books, CDs and technical reports, etc.

Knowledge Sharing:

The learning experience of the faculty members who are deputed to attend seminars, workshops or courses outside the college are shared in the faculty meetings or at the departmental meetings and with the students. The faculty members and the students are encouraged to present their research papers in conferences and publish research papers in journals. The college organizes seminars, workshops and conferences to facilitate knowledge-sharing. The institute also shares

knowledge by inviting the external experts for the conferences, seminars, workshops, FDPs, cultural festivals, International Women's Day, symposiums, etc.

6.1.10 How are the following values reflected in various functions of the College?

1. Contributing to national development

- The college supports and provides opportunities to the society through education and employment.
- Motivating the students to become entrepreneurs through academic measures (workshops, internship and project work) and encouraging them to develop innovative products to contribute to the national development.
- Protecting the environment through increasing the green-cover, water recycling and harvesting energy from solar and wind.
- If any cyclones/ earthquakes/ natural calamities take place the students will collect clothes, rice, books etc to be donated.
- The NSS team and SAHAYA of the institution plays a key role in contributing to the national development.
- The institution adopted 3 neighboring villages after a survey and conducts various programmes regularly like health awareness, clean and green, awareness on blood donation, eye donation, teaching the school children and adults and creating the awareness on various government schemes etc.
- Blood donation camps are organized every year for the poor people free of cost, if they need blood.

Through outreach programmes the college shares the resources with neighboring rural society which contributes to national development.

2. Fostering global competencies among students

- Courses on international certifications like, Oracle, Micro soft and IBM are conducted regularly.
- Motivating students to participate in international conferences / organizing the lectures by inviting experts' to provide career guidance for education in foreign countries.
- Encouraging students to participate in language fairs, language projects and in mock interviews to develop communication skills in the global language.
- Encouraging students to participate in all cultural / sports activities.
- Encouraging students to actively involve in professional body activities of high reputation, zonal and national level sports activities, zonal and national level NSS activities.

- Motivating students to participate in motivation skills and soft skills development programs.

3. Inculcating a value system among students

- The Chairman and the Director inculcate values among the students during the orientation meetings.
- Value education, gender sensitization and human rights are taught as a course in the curriculum.
- Voluntary donation of blood through blood donation camps.
- Voluntarily conducting various programs in rural villages through NSS.

4. Promoting use of technology

- NPTEL courseware is available to supplement the classroom teaching. All the computers on the campus have internet connectivity.
- Wi-Fi connectivity is established in the entire campus.
- ICT tools are deployed in the teaching-learning, training, administration, examination and evaluation and co-curricular activities.
- Use of technology is promoted in the project work.
- Technology is used in publishing research papers in various national / international journals and conducting / organizing workshops and seminars.

5. Quest for excellence

- The commitment of the college to excellence is enshrined in the Vision Statement
- Medals and awards are instituted to motivate students to excel in their curricular and overall performance
- Promotes the use of ICT in teaching-learning process
- Faculty are motivated to excel in their areas of interest, publish papers, get patents secure funded projects and, apply for the awards in their research activities
- The college has the aspiration to participate in various surveys to assess and demonstrate the excellence

6.1.11 Give details of the UGC autonomous review committee's Recommendations and its compliance.

The UGC conferred an autonomous status on the college on 28th July, 2014 for 6 years and JNTU, Hyderabad confirmed it on 28th July, 2014. The UGC Autonomous Review Committee visit will be held after six years from the conferment of autonomous status by the UGC.

6.2 STRATEGY DEVELOPMENT AND DEPLOYMENT

6.2.1 Does the college have a perspective plan for development? If so, give the aspects considered in development of policy and strategy.

Yes.

A. Teaching and learning

- 100% faculty with Ph.D enhancement of research activities, start-ups and patents.
- Tie-ups with foreign universities for exchange of faculty and resources.
- Smart classrooms in all departments.
- Interactive teaching and learning through online
- Attracting highly meritorious students
- Offering vertical and horizontal mobility across the programmes

B. Research and development

- The institute is planning to enhance R&D activities
- Encouraging collaborative research with other institutes/universities
- Increasing full-time Ph.D. scholars.
- Establishing Centre of Excellence in various departments

C. Community engagement

- To conduct skill development programmes to the unemployed youth.
- To transfer technical knowledge for the development of villages
- To encourage the faculty and students to take up community-based research projects.

D. Human resource planning and development

Human Resources play a vital role in sustainable development and growth of any institution of higher learning. The perspective plan of human resources planning and development is as follows:

- Recruitment of eminent personalities as faculty members from abroad
- Tie up with various higher learning Indian universities and foreign universities for the exchange of faculty members and students.
- Encourage the faculty members to participate in research activities and consultancy.
- To invite more number of guest faculty from reputed R&D organizations,

E. Industry Institute Interaction Cell

- The institute is planning to establish the Centre of Excellence labs in association with various industries.

- Strengthening industry-institute interaction by collaborating research with industries.

F. Internationalization

- Collaborating with foreign universities for twinning programmes.
- Tie ups with various foreign universities for exchange of faculty and resources.
- Making the institute global by attracting foreign students.

6.2.2 Enunciate the internal organizational structure of the college for decision making processes and their effectiveness.

The internal organizational structure of the college is given in the following figure.

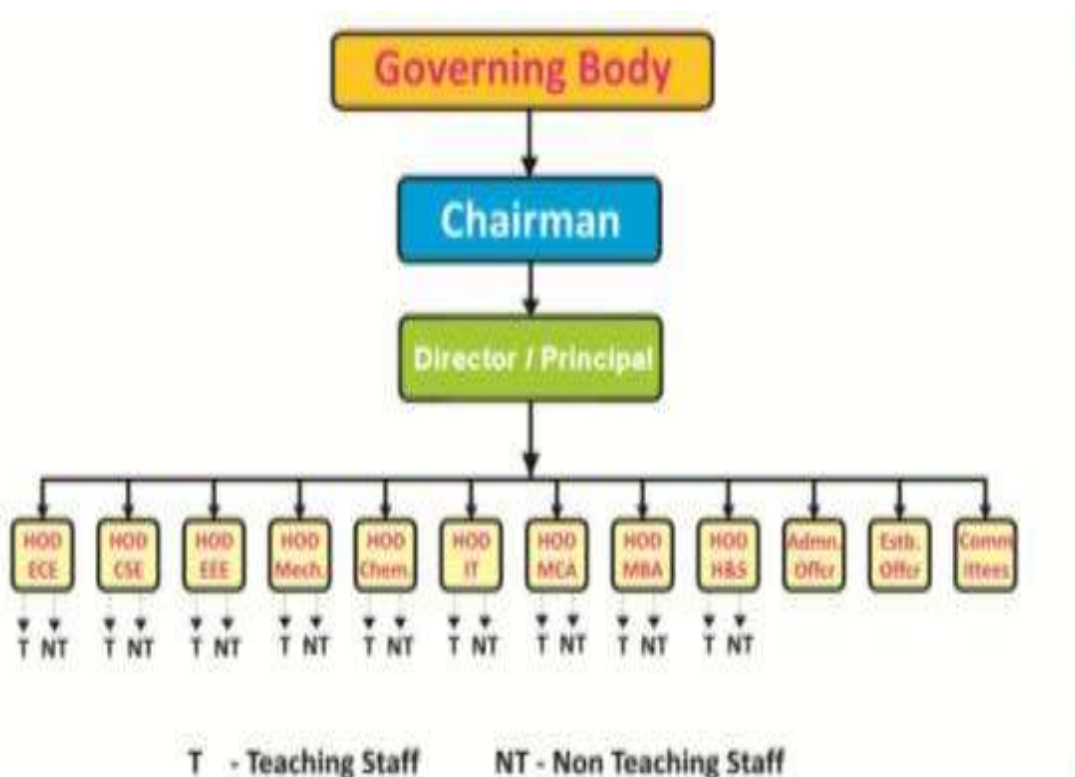


Fig.6.2.2: Internal Organizational Structure

Enunciate the internal organizational structure of the College for decision-making processes and their effectiveness.

Governing Body is the apex body that guides and approves. Vision, Mission and Quality Policy of the institute. It monitors the institutional performance. Director, Deans, HoDs and senior professors are accountable for the progress, quality, new proposals and other issues to the governing body.

Academic Committee is the best statutory body, which is responsible for various academic activities like designing and approving the curriculum with rules and regulations, analyzing results, guiding the research activities and assuring academic quality.

In addition to the above statutory bodies, the institute has the following non-statutory committees:

- Admissions Committee
- Anti-ragging Committee
- Students Welfare Committee
- Campus Facilities and Maintenance Committee
- Alumni Welfare Association
- Disciplinary Committee
- Finance and Purchase Committee
- Grievance Redressal Committee
- Library Advisory Committee
- Training and Placement Committee
- Women Welfare Committee

The above committees are functioning to facilitate successful implementation of autonomy and development of the institute.

6.2.3 Specify how many planned proposals were initiated/ implemented, during the last four years. Give details

Table 6.2.3: Planned proposals were initiated/ implemented, during the last four years.

Year	Details of the Proposal	Status
2013	MECH, CHEM, IT, ECE, EEE, CSE applied for NBA under Tier-I	- MECH, CHEM, IT got accreditation under Tier-I - ECE, EEE, CSE is due in Jan 2017
2012	PG Courses on Industrial Pharmacy, Machine Design, Structural Engineering.	sanctioned
2013	PG Courses on Wireless Mobile Communication, CNIS.	
2014	PG Courses on Construction Management	
2012	2(f) status in UGC applied	Sanctioned
2012-2013	Mechanical Engineering intake CSE intake ECE intake	180 Sanctioned 240 Sanctioned 240 Sanctioned
2013	CE intake EEE intake	120 Sanctioned 120 Sanctioned
2014	ME intake CE intake	240 Sanctioned 180 Sanctioned
2012	D-Block construction	Completed
2016	E,F, G-Block construction	Completed
2012	Establishment of Exam Branch and other infrastructure for conducting of exams	Completed
2012	University Autonomous	Sanctioned by JNTUH
2012	Procurement of Generator	1 Purchased
2013		1 Purchased

6.2.4 Does the college have a formally stated quality policy? How is it designed, driven, deployed and reviewed?

Yes. The AGI is committed to bring out and nurture the talents and skills of youth in the fields of engineering and management to cater to the challenging needs of society and industry.

The Quality Policy is:

- To provide quality technical education to the students
- To produce competent professionals and contributing citizens
- To contribute for the upliftment of the society.
- The Quality Policy was designed with the collective participation of the Director along with the Heads of the Departments, Deans and senior professors of all the departments in consultation with the management.
- The Quality Policy is designed keeping in view of the Vision, Mission statements with inputs and expectations of the stakeholders in order to contribute the growth of knowledge and addressing the social concerns.
- It is driven by active support of management, faculty members, parents and student community and Academic Administrative Research Policies.
- The Quality Policy is approved by the Governing Council. The functioning of the college hinges on the Quality Policy
- All the activities of the college focus on the Quality Policy of the college. The Quality Policy is disseminated through display at vantage points in the laboratories, verandah, library, Department and administration offices.

6.2.5 How does the College ensure that grievances / complaints are promptly attended to and resolved effectively? Is there a mechanism to analyze the nature of grievances for promoting better stakeholder-relationship?

Students bring their grievances or complaints to the notice of Grievance Cell Committee. The committee members discuss with students to find the root-causes and actions to be taken for each complaint if necessary. The grievances of the students are also addressed by the proctors/ mentors, class advisors/ class in-charges and Heads of the Departments. Feedback on the teaching-learning process is reviewed by the Heads of the Departments in the class committee meetings. Grievances of girl students are addressed through Girls' Grievance Redressal Committee and corrective actions are taken. The Anti-ragging Committee ensures that the campus is ragging-free. All the grievances/complaints are collected through suggestion boxes available in all the departments. A suggestion committee meeting is

conducted by the Director every month with student representatives from all the departments, where the suggestions received through the suggestion boxes are reviewed and corrective actions are initiated. The faculty members can post their grievances in the separate suggestion box kept for them in the college office.

6.2.6 Does the College have a mechanism for analyzing student feedback on institutional performance? If yes, what was the institutional response?

Yes, feedback of the students on the institutional performance is collected through suggestion boxes available in all the departments. A suggestion committee meeting is convened by the Director, whenever it is needed with student representatives from all the departments, where the suggestions of the students are reviewed.

6.2.7 In what way the affiliating University helped the College to identify the developmental needs of the College?

- JNTUH has nominated senior professor to the Governing Body, Academic Council, and Board of Studies.
- The Senior Faculty of the AGI are also a part of Board of studies (BoS) of the University and also acting as research supervisors

6.2.8 Does the affiliating university have a functional College Development Council (CDC) or Board of College and University Development (BCUD)? If yes, in what way college is benefited.

Not Applicable

6.2.9 How does the college get feedback from non-teaching, teaching, parents and alumni on its functioning and how it is utilized?

The Institute is very much concerned about its alumni, parents, employees and staff. As a result, it is providing complete freedom to alumni, parents, employees and staff to give their feedback on functioning of institute. The management conducts meetings frequently with parents, alumni, employees and staff to know their level of satisfaction on functioning of the institute, and to take valuable suggestions for betterment of institution. There are specific formats for each of the feedbacks.

6.2.10 Does the college encourage autonomy to its academic departments and how does it ensure accountability?

Yes. Each department of the institute has enough freedom to express its own views while designing the curriculum. The Chairperson of the BoS discusses with the faculty members and takes a collective decision in developing the curriculum from time to time. The departments can also introduce new electives, as per the current trends for the benefit of the students.

- As per the suggestions of the departments, the institute procures machinery, instruments, software and other lab components.
- The accountability is ensured by subjecting it to the critical review of the Board of Studies and Academic Council.
- The departments are given autonomy to conduct guest lectures and training programmes for the students to make them industry-ready.
- To enhance the competency of the faculty members, the departments conduct seminars, workshops and Faculty Development Programmes through the funds received from the funding agencies. The utilization of funds is audited, and the audited statements are sent to the funding agencies.

6.2.11 Does the College conduct performance auditing of its various departments?

Yes, Performance Audit is carried out through audit, result analysis meeting and stock verification. Academic activities are reviewed in meetings of Heads of the Departments, and suitable measures are taken to improve the standard.

6.3 FACULTY EMPOWERMENT STRATEGIES**6.3.1 What efforts are made by the College to enhance the professional development of teaching and non teaching staff?**

The college takes efforts to enhance the professional competency of the faculty members through various development measures, as listed below.

Teaching Staff:

- Improvement in teaching, training and learning facilities by establishing new laboratories and updating the library by the latest books, online journals and e-resources.
- Sponsorship to attend national conferences / international conferences / FDPs.
- Assistance to visit / interact with industry.

- Incentives are given to carry out research
- The institute encourages teaching faculty to register for Ph.D programmes to enhance their knowledge in subject domain.
- Conducts seminars, conferences, workshops on advanced technologies and innovative teaching-learning strategies.
- Conducts training programmes on Pedagogy and in advanced topics in collaboration with IIT, Bombay/ IIT, Kharagpur/ NIT, Warangal regularly.
- Encourages the faculty to deliver guest lectures at other institutions.
- Facilitates the faculty members to take up various roles in professional societies.
- Sponsors the staff members for attending conferences, seminars and workshops with financial assistance.

Non-Teaching Staff:

- Permission for higher studies
- Arranging training for using the latest equipment /software and sponsoring to attend skill development programs

6.3.2 What is the outcome of the review of the Performance Appraisal Reports? List the major decisions.

The performance appraisal report gives the quantitative assessment of a staff on curriculum, co-curriculum and R&D activities, administrative and extracurricular activities. Performance appraisals of the staff are used to identify their strengths and weaknesses. If the performance of a staff is found below the permissible level, the staff concerned is counselled, motivated and guided for better performance. Decision is taken for deputing the faculty members to training in Pedagogy, workshops and to additional training for the improvement of their teaching skills. Based on the performance appraisals, promotion and additional increments are granted to the faculty members and non-teaching staff.

6.3.3 What are the welfare schemes available for teaching and non-teaching staff? What percentage of staff have availed the benefit of such schemes in the last four years?

Various steps have been taken for the welfare of the faculty members and non-teaching staff.

Table No: 6.3.3: List of staff welfare schemes.

S.No	Welfare Measures	Utilization
1	Vacation leave for teaching faculty are 14 days in winter and 28 days in summer	100%
2	Vacation leave for non-teaching staff members are 7 days in winter 14 days in summer	100%

3	Free transport facility	65%
4	Incentives for securing more than 90% results in theory subjects in university semester-end examinations and 100% results in theory subjects in autonomous examinations	100%
5	Maternity Leave	10%
6	Financial support for attending conferences, seminars and workshops in India and abroad	100%

6.3.4 What are the measures taken by the Institution for attracting and retaining eminent faculty?

Measures taken for attracting eminent faculty:

- AICTE scale of pay and implementation via pay commission salaries.
- Paying the salaries regularly with increments.
- Allowing all the teaching and non teaching to avail summer and winter vacation holidays and other leavers.
- Encouraging staff to register for Ph.D and to participate in FDPs.
- Provides all basic amenities for the comfortable stay at the institute during the working hours.
- Provides excellent research facilities and academic ambience for attracting and retaining senior faculty members.
- Highest salaries are paid for the deserving faculty members with Ph.D
- Maternity Leave for women staff

6.3.5 Has the college conducted a gender audit during the last four years? If yes, mention a few salient findings.

Yes, as per Govt. of Telangana in centralized admission of all UG & PG courses 30% seats are reserved for girls. However, more than 30% of girl students are admitted in the institute-based on their individual merit also. The institute conducts sports and cultural events separately for girl students and lady staff members, and prizes and medals are given in the annual day celebrations. Among the total faculty members, lady faculty members are more than 30%.

6.3.6 Does the College conduct any gender sensitization programs for its staff?

- Yes. Women Empowerment Cell (WEC) is established to conduct gender sensitization programs. Girls' grievance committee is committed to sort out the gender related issues.
- Competitions for women staff such as throw ball, tennikoit, tug - off war, Chess, Caroms are conducted every year.

- Celebrates International Women’s Day every year by inviting eminent people.
- A special course of one semester on “Gender Sensitization” was introduced by the institute for all branches of UG programmes to create awareness on the issues of gender sensitization.

6.3.7 What is the impact of the University’s UGC-Academic Staff College Programmes in enhancing competencies of the College faculty?

The institute encourages its staff members to participate in various FDPs conducted by Academic Staff College of JNTU, Hyderabad. Faculty members who have attended those programmes are transferring their updated knowledge to other faculty and students.

6.4 FINANCIAL MANAGEMENT AND RESOURCE MOBILIZATION

6.4.1 What is the institutional mechanism to monitor effective and efficient use of financial resources?

The college prepares institutional level budget every year taking into account of the various components such as, Construction and maintenance of buildings, salary to teaching & non-teaching staff, Departmental budget (Recurring and non-recurring), Research and Development activities, Purchase of books and subscribing for journals in the library, etc.

The financial committee is constituted to monitor effective and efficient use of financial resources. The Financial Committee looks into Budget approval, Expenditure monitoring, major equipment purchases, Scrutinizes the necessities of each department, Review the utilization of allocated funds of the previous year as per budget provisions, Appointment of internal auditors and external auditors.

6.4.2 Does the college have a mechanism for internal and external audit? Give details.

Yes. Internal audits are conducted by the accounts section of the college. All vouchers are audited by an internal auditor on a daily basis. External audits are conducted by a registered Chartered Accountancy Firm.

6.4.3 Provide audited income and expenditure statement of academic and administrative activities of the previous four years.

Table 6.4.3: Audited Statement of Income & Expenditure.

S.No	Particulars	2011-12	2012-13	2013-14	2014-15
INCOME					
1	Fees Received	120033136/-	243860614/-	248444992/-	294549468/-
2	Other Income	1439369/-	6572249/-	23589194/-	20395120/-

3	Excess of Expenditure Over Income GECT	2431466/-	738705/-	225910/-	3952860/-
Total Income		123903971/-	251171568/-	272260096/-	318897449/-
EXPENDITURE					
4	Payments & Amenities to employees	71255960/-	131664011	176900429/-	208147368.00/-
5	College Expenses	3962174/-	4441755	5950932.9/-	7441194.24/-
6	Administrative Expenses	13052098/-	28223220.97/-	20907068.08/-	23850737.00/-
7	Interest & Finance Charges	1215826.15	840249.9/-	670410.64/-	586697.97/-
8	Depreciation	10686014/-	8889875/-	7666074/-	8947931.00/-
9	Other Expenses	23681532.6/-	74267064.6/-	59000246/-	69436084.83/-
10	Miscellaneous Exp	50367/-	2845392/-	1164936/-	487436.00/-
Total Expenditure		123903971.75/-	251171568.47/-	272260096.62/-	318897449.04/-

6.4.4 Have the accounts been audited regularly? What are the major audit objections and how are they complied with?

All accounts of the college are audited regularly, and no major audit objections have been raised.

6.4.5 Narrate the efforts taken by the College for resource mobilization.

Efforts are taken by the college regarding resource mobilization. The potential sources of funds are

- Tution fees
- Grants received from research funds and workshops, seminars and conferences
- Corpus Fund

6.4.6 Is there any provision for the College to maintain the 'corpus fund'? If yes, give details.

Yes. Corpus fund is maintained, as per the requirements of the Trust Act.

6.5 INTERNAL QUALITY ASSURANCE SYSTEM

6.5.1 Does the college conduct an academic audit of its departments? If yes, give details.

Yes, with a dictum for institutionalization of internationally accepted best practices, to bring quality consciousness and improve the academic and administrative performance, an Academic Committee is constituted by Senior Professors from each Department.

The AC consists of senior faculty members headed by the Director conducts the internal academic audit periodically and also at the end of each semester. The internal auditors are the members of AC members from various departments of the institute. The schedule of the audit is declared in advance. The parameters of academic assessment and the formats are provided to the faculty members. The Assessment parameters such as mapping of course outcomes with programme outcomes, course delivery, academic activities scheduled in the academic calendar, result-analysis, performance of the students, quality of question papers, mentoring report and introducing value-added courses including audit and MOOC courses, attainment of Course Outcomes, feedback reports, remedial classes, facilities in laboratories, CRT and placements are considered key factors for the internal quality. AC initiates measures to be taken for improvement of academic and administration system. In addition to the above, the cell sends its observations to various departments to improve the day-to-day teaching-learning process. The minutes of the meeting along with observations and suggestions is submitted to the statutory bodies for further processing. The committee undertakes various activities to create quality awareness among the stakeholders of the institute. The Audit Report of the Internal Academic Audits will be submitted to the director and a copy will be maintained in the respective departments.

6.5.2 Based on the recommendations of academic audit what specific measures have been taken by the College to improve teaching, learning and evaluation?

Based on the recommendations of academic audit, the following specific measures have been taken by the institute to improve teaching and learning process.

- Tutorials and remedial classes in specified subjects have been arranged
- Learner-centric interaction is implemented to make the students to be proactive and dynamic.
- Effective teaching and learning process using MOODLE
- Special lectures are arranged on specific topics by the experts from Industry.
- Extended library and laboratory working hours beyond the college timings.

6.5.3 Is there a central body within the College to continuously review the teaching learning process? Give details of its structure, methodologies of operations and outcome?

The teaching-learning process is continuously reviewed through various activities at different stages. At the college level, the academic progress of the departments is discussed in the meeting of the Heads of the Departments, which is convened by the Director. Also, the faculty meeting is convened at least once in a semester to review the results of the Semester-end examinations. The academic audit is conducted once in a semester to review the teaching-learning process, the questions papers, paper evaluation and the internal marks.

The Heads of the Departments convene faculty meetings to discuss the academic progress of the students. The performance of the students in the periodical tests, and the corrective measures for the slow learners is discussed in this meeting.

The teaching-learning process is reviewed in the class committee consisting of course instructors of the class concerned, student representatives and the Head of the Department. The committee reviews the syllabus coverage, and it tries to solve the problems experienced by the students in the class room and in the laboratories. Feedbacks are collected from the students periodically about the course, the course instructors and the Course Outcomes

6.5.4 How has IQAC contributed to institutionalizing quality assurance strategies and processes?

The Internal Quality Assurance Cell has contributed towards institutionalizing the quality assurance strategies and processes by carrying out the following functions. The contribution of IQAC in institutionalizing quality assurance strategies and process are as follows:

- Establishment and standardization of various parameters for various academic and administrative activities of the institute
- Standardization procedures to organize various activities and standard formats for their quality assessment
- Inculcating uniform database management practices in all departments and various divisions.
- Organization of seminars and workshops on quality and related themes
- Developing quality benchmarks for the college through strategic planning to achieve the vision of the college
- Monitoring the attainment of performance targets (PEOs and POs) of the programmes that are set by the respective Department Advisory Board
- Facilitating a learner-centric environment conducive for quality education

- Arranging for obtaining feedback from students, parents, alumni and employers on quality-related processes
- Organizing inter and intra-institutional workshops and seminars on quality-related themes
- Documenting the quality enhancement programmes /activities of the college
- Coordinating the quality related activities such as:
- Preparation of SAR and SSR for accreditation by NBA and NAAC respectively
- Adaption and dissemination of the best practices and development of quality culture in the institute.
- Identification of the social and industry-related issues to be introduced in the curriculum of various courses.
- Student performance evaluation mechanism
- Total quality performance of the institute

6.5.5 Does the IQAC have external members on its committees? If so, mention any significant contribution made by such members.

Yes. IQAC is formulated according to the guidelines of NAAC in the year 2014– 2015.

External members in other statutory bodies such as Governing Council, Academic Council, Board of Studies and Department Advisory Board contribute to the quality development of the institution.

Significant contribution of external members

- Strengthen the relationship between industry and institution
- Use of ICT tools in teaching and learning
- Improve the placements
- Quality awareness programmes

6.5.6 Has the IQAC conducted any study on the incremental academic growth of students from disadvantaged sections of society?

Yes. The academic growth of all the students is monitored on a regular basis by the individual departments. Performance of the students is monitored through the conduct of periodical tests, seminars, assignments and academic interactions. The analysis of periodical test marks of wards is done by the faculty advisor.

- Slow learners are identified and counselled by the mentor and the Head of the Department on need basis. Students having personal or psychological problems are counselled by the counselor of our college.
- Special coaching classes are handled by the instructor after the regular classes to improve the performance of slow learners wherein the students can interact comfortably with the faculty to clarify their doubts. Students also have the provision for working in the laboratories after regular working hours. Students are also split into groups of 25-30 each for whom a separate instructor handles tutorial hours.
- Question bank, tutorial questions, course material, university question papers and power point slides are provided to the slow learners to improve their learning capability. Parents are regularly informed about their wards' performance (test) and activities in the college through postal letters, SMS and through telephonic calls.
- Assistance is provided to the physically challenged students and disadvantaged sections of society to get government scholarships and merit-cum-mean scholarship by the management according to their academic performance.
- Economically weaker students are permitted to pay their tuition fee in installments.
- The college management provides fee concession for the selected economically weaker students.

The economically disadvantaged students are facilitated by the college to avail scholarships such as:

- BC/MBC/DNC-Scholarship
- Telangana Government fee waiver scheme for first graduates
- Backward classes and minorities welfare scholarship

6.5.7 What policies are in place for the periodic review of administrative and academic departments, subject areas, research centres, etc.?

The following committees have been constituted for the periodic review of administrative and academic department viz., Governing Body, Academic Council, IQAC, Academic Committee, Research Committee, Examination Monitoring Committee, etc.

Criterion - VII

**Innovation
and
Best Practices**

CRITERION VII: INNOVATION AND BEST PRACTICES

7.1 ENVIRONMENT CONSCIOUSNESS

7.1.1 Does the College conduct a Green Audit of its campus?

The college follows the practices which are eco-friendly and helpful in the sustenance of environment. The design, architecture, and construction of college buildings are in such a way that, maximum sunlight reaches the floors and allows the circulation of natural air. Each block is surrounded by lawns and plants to maintain a healthy environment. The administration of the AGI ensures the proper usage of electricity only where and when needed with the minimum wastage. The college initiated a campaign on “Save Energy and Save Nation” and “Clean and Green” by posting wall posters on the campus. The College also promotes procurement and installation of energy-efficient electrical systems to save electricity.

The college also organizes tree-planting activities on the campus on various occasions. Housekeeping staff clean the campus everyday and the gardeners maintain the lawns, trees and the plants in the college. The decomposable garbage and non decomposable are collected separately and disposed properly. The NSS student members spread the environment consciousness on the campus and the surrounding villages. NSS volunteers are also contributing to green environment by planting trees. Well-maintained lawns and trees add color and beauty to the campus.

7.1.2 What are the initiatives taken by the College to make the campus eco-friendly?

Many initiatives are taken to make the environment eco-friendly. The College has a green environment with a good number of trees and plants. The College strives to maintain a plastic free campus. The College has also taken several other initiatives to make the campus eco-friendly.

* Energy Conservation:

- The college has been very conscious about energy conservation. Faculty members of the college take energy conservation measures like switching off the lights and fans in the classrooms after the class hours, switch-off the lights in the corridors and toilets when not in use. A notice is circulated regularly among all the staff members and students to switch off the lights and fans whenever they leave their place.

Instruction stickers for energy conservation are also pasted in many places inside the college campus.

- Replacement of Window Air-Conditioners (ACs) with Split ACs: Window ACs are being replaced with split ACs that are star rated. Compared to window ACs, split ACs are easy to install and maintain and extremely energy-efficient, since smaller fan motors are used and individual units run at different times.
- Building structures are designed with high natural lighting and ventilation to minimize lighting loads.
- The fluorescent tube lights are being replaced with energy saving CFL bulbs and LED bulbs in each block. The streetlights on the campus are replaced with CFL bulbs. Replacing ordinary CFLs and LED lamps is extremely energy efficient as they consume four times less energy than ordinary bulbs. It also reduces carbon emissions. One bulb can reduce a half-ton of CO₂ out of the atmosphere
- Provision of master switch in individual blocks.
- Proper maintenance of UPS and other electrical equipment
- Classrooms and laboratories have adequate natural lighting and ventilation.
- An eco-friendly generator has been set-up on the campus to reduce air pollution and noise pollution.
- Reduction in fuel consumption of vehicles.
- Speed limiters have been installed in all the buses of the college for the optimum use of fuel. In addition to being a safety measure, speed limiters are fuel-efficient and could lead to substantial fuel savings.
- The college established a Solar Energy Plant with 100 KW, and is planning to establish two more Solar Energy Plats to save power, thus saving the Nation's energy.

***Water harvesting:**

- Wastage of water is avoided.
- Rain water collected from open terraces is stored in tanks and used in the gardens.

***Efforts for Carbon neutrality:**

- More trees are grown to absorb carbon dioxide
- To create a pollution free environment, vehicles are parked far away in the parking slots.
- All the college vehicles are made to undergo carbon emission test regularly and standard levels are maintained.

- The college provides bus facilities to the students, faculty and nonteaching staff from many locations to avoid the use of individual vehicles and thus reducing the carbon emission.
- Waste material, dead leaves and sheet of papers are not allowed to fire on the campus.
- All the solid waste is converted into compost by adopting composting process.

***Plantation:**

- Tree plantation programmes are organized regularly to ensure clean and green campus
- Varieties of flowering plants, fruit trees, ornamental plants and shrubs are grown.
- An awareness programme on environmental pollution and bio-diversity is conducted.
- The College strives to increase environmental awareness by developing courses related to environment. As per the UGC guidelines, a credited course on the Environmental Science has been included in the II semester syllabus for all B.E. and B.Tech courses.

***e-waste management:**

- Outdated computer systems and components are sold to the vendors who treat and dispose the e-waste, as per the norms of Central Pollution Control Board.
- Computers are purchased from the companies, which adopt the buyback system after stipulated period.

7.2 INNOVATIONS

7.2.1 Provide details of innovations introduced during the last four years which have created a positive impact on the functioning of the College.

The college has been scaling new heights ever since its inception. It has made several innovations, which has created positive impact on the functioning of the college.

Innovations in Academics

1. Introduced Outcome Based Assessment and Evaluation from academic year 2012-2013
2. Usage of NPTEL video lectures and open courseware of world class universities.
3. Subscribed to e-journals, magazines and e-books.
4. Use of MOOCS for improving academic standards.
5. Encouraging staff members to register for Ph.D.

6. Separate R&D Cell and Industry-Institute Interaction Cell are established to promote research and Institution-Industry Interaction.
7. Introduction of Audit courses in curriculum to enhance self-learning, communication skills and personality development of the students.
8. The UG programmes Mechanical Engineering, Chemical Engineering and IT are accredited by NBA for a period of two years (2016-18) under Tier 1.
9. The other branches of Engineering: CSE, ECE and EEE have already applied for NBA and waiting for the result.
10. The Institute got autonomous status in the academic year 2014-15.
11. The institute has ranked as the 8th best institute among the engineering colleges across the Telangana state based on infrastructure, library resources, eminent teaching faculty, innovations and implementations of best practices in academics etc. conducted by THE WEEK in 2016.
12. The institute has received Best Engineering College Award from ISTE based on its performance, placements, research, academic innovations etc.
13. Webinar courses are conducted for students and faculty members to gain knowledge, based on their area of specialization. Webinars are conducted in collaboration with IIT Bombay and IIT Kharagpur.
14. Internet connectivity with Wi-Fi is enhanced from 25 mbps to 65 Mbps.
15. NPTEL video courses and MIT courseware are available through digital library.
16. The classrooms are provided with LCD projectors.
17. The library is fully automated. Open access system is being followed in the central library.
18. All labs are well maintained.
19. Special labs are provided to develop communication and personality skills.
20. E-journals are regularly subscribed .The faculty members and students can access the journals to improve their research activities. E-journals help the faculty pursue their academic research. E-journals facilitate the students to know about the latest research trends and enable them to update their knowledge.
21. Access of course syllabus, course material, question bank, etc.,
22. Provides an opportunity to students to develop inter-disciplinary skills.
23. Many International Certification Programs are conducted for the benefit of students by all the departments to enhance the employability and professional competence of students.

24. A very active NSS Cell, Sports Cell followed by various professional body activities creates an academic, extra, co-curricular atmosphere on the campus.
25. The college has signed MoUs with many industries to enhance the employment opportunities.
26. Participative Management System is followed for delegation of power so that the decision making can be done quickly. With proper formation of various committees, the smooth functioning of the college is ensured.
27. Grievance Redressal Cell is formed to solve the grievances of staff members and students. Suggestion boxes are kept at various places to receive the grievances. Suggestion boxes are opened periodically, and the grievances represented by the staff and students are analyzed, and the necessary remedial measures are taken wherever the representation is genuine. Grievances are also addressed through Anti-Ragging Cell, Proctors, Class Advisors and the Professional Counsellor.

7.3 BEST PRACTICES

7.3.1 Give details of any two best practices which have contributed to better academic and administrative functioning of the College.

Best Practice I

1. The Title of the Practice

Motivating the students for academic excellence

2. Specific Objectives of the Practice:

1. To promote student's academic excellence.
2. To enhance the active learning and teaching process.
3. To change the passive learners to active learners and reproduce knowledge to produce knowledge.

The college makes consistent efforts to promote academic excellence by providing quality technical education, creating holistic ambience for learning and adopting innovative teaching methodologies. The college also gives various opportunities to improve their academic performance by providing academic and research inputs through well qualified faculty, well equipped labs, well stocked library, professional bodies, MoUs, research and consultation, seminars, workshops, symposia and industrial visits. This holistic learning ambience and motivation provided to the students make them achieve laurels. The effective usage of Information Communication Technologies (ICT) by the AGI promotes the power and

diversification of the information transfer, which allows the faculty members and the students to have access to the world beyond the classroom.

Best Practice II

Participative Management System (PMS) and Effective Information Sharing across the faculty and students

Specific Objectives of the Practice:

Participative Management System (PMS) is the practice of empowering employees to participate in organizational decision-making. PMS is to promote genuine involvement in the enunciation of vision, policies and goals of the institution in the decision making process and in the administration of the college.

The following are the objectives of Participative Management System (PMS) and Effective Information Sharing across the faculty and students:

1. To introduce participative style of management in the college.
2. To introduce decentralization and delegation of powers.
3. To facilitate the decision-making related to academic and administrative activities through open and honest discussions.
4. To share the achievements of the faculty and students
5. To create transparency in administration

Part-E
Evaluative Report of the
Civil Engineering (CIVIL) Department

1. Name of the Department & its year of establishment: Department of Civil Engineering, Year of establishment-2009

2. Names of Programmes / Courses offered (UG, PG, M. Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)

S. No.	Name of programmes offered	Remarks (UG/PG/Ph. D.)
1	B. Tech. Civil Engineering	UG
2	M. Tech. Structural Engineering	PG
3	M. Tech. Construction Management	

3. Interdisciplinary Courses and Departments Involved

S. No.	Name of Course	Name of Department offering the Course
a. Theory Course		
I	1.English-I 2.English-II	English
II	3.Mathematics-I 4.Mathematics-II 5.Mathematics-III 6.Probability and Statistics 7.Numerical Methods in Engineering	Mathematics
III	8.Engineering Physics-I 9.Engineering Physics-II	Physics
IV	1.Engineering Chemistry –I 2.Engineering Chemistry –II	Chemistry
V	10.Elements of Electrical Engineering	Electrical Engineering
VI	11.Engineering Graphics	Mechanical Engineering
VII	12.Computer Programming-I 13.Computer Programming-II 14.Data Base Management Systems 15.Operating Systems	Computer Science and Engineering
VII	16.Soft Skills 17.Entrepreneurship Development	Training & Placement
b. Practical Courses		
I	1.Soft Skills and Communication Laboratory	English
II	2.Physics Laboratory –I 3.Physics Laboratory -II	Physics
III	4.Chemistry Laboratory-I 5.Chemistry Laboratory-II	Chemistry
IV	6.Engineering Workshop –I 7.Engineering Workshop –II	Mechanical Engineering

V	8.Computer Practice Laboratory – I 9.Computer Practice Laboratory-II	Computer Science and Engineering
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4. Annual/Semester/Choice Based Credit System: Choice Based Credit System (CBCS)

5. Participation of the Department in the Courses offered by other Departments

S.No	Interdisciplinary Courses Offered	Name of Department Offered
1	Basics of Civil Engineering	Mechanical, CSE and EEE
2	Finite Element Method	Mechanical
3	Engineering Mechanics	Mechanical
4	Fluid Mechanics	Mechanical, EEE, Chemical

6. Number of Teaching Posts Sanctioned and Filled

(Professors/Associate Professors/ Asst. Professors)

Teaching Posts	Sanctioned	Filled
Professors	2	2
Associate Professors	5	5
Assistant Professors	38	38

7. Faculty Profiles with name, qualification, designation, specialization

(D.Sc./D.Litt./ Ph.D./ M.Phil. etc.)

Sr. No.	Name	Qualification	Designation	Specialization	No. of years of experience	No. of Ph.D. students guided for the last 4 yrs
1	Dr. R.S.N. Sastry	M.Sc., Ph. D.	Professor	Engineering Geology	35	10
2	Dr. K. R. C. Reddy	M. Tech., Ph. D.	Professor	Structural Engineering	27	Nil
3	Dr.B.Narender	M.Tech., Ph.D	Associate Professor	Structural Engineering	12	Nil
4	Dr.P.V.Dilip Kumar	M.Tech., Ph.D	Associate Professor	Structural Engineering	8	Nil
5	Mr. K.SaiBaba	M.Tech.	Assistant Professor	Structural Engineering	5	Nil
6	Dr.P.Suman Babu	M.Tech., Ph.D	Associate Professor	RS & GIS	4	Nil
7	Mr A.Trisulapani	M.Tech.	Associate Professor	Water Resources	12	Nil

8	Mr. P.Satyanarayana	M.Tech.	Associate Professor	Environmental Engineering	6	Nil
9	Mr. D. Venkatadri	M.Tech.	Assistant Professor	Rs & GIS	5	Nil
10	Mr. R. Sreenu	M.Tech.	Assistant Professor	Structural Engineering	3	Nil
11	Mr. K. Hajarath	M.Tech.	Assistant Professor	Structural Engineering	2	Nil
12	Mr. B.C.S. Reddy	M.Tech.	Assistant Professor	Highway Engineering	2	Nil
13	Mr. M. Manoj kumar	M.Tech.	Assistant Professor	Structural Engineering	2	Nil
14	Mr. R. Abhilash	M.Tech.	Assistant Professor	Construction Management	2	Nil
15	Mr . Md. Nisar Akram	M.Tech.	Assistant Professor	Structural Engineering	2	Nil
16	Mr. B. PremKumar	M.Tech.	Assistant Professor	Structural Engineering	2	Nil
17	Ms. M. Prema latha	M.Tech.	Assistant Professor	Structural Engineering	2	Nil
18	Ms. V. lavanya	M.Tech.	Assistant Professor	Structural Engineering	2	Nil
19	Mr. D. Shiva	M.Tech.	Assistant Professor	Highway Engineering	1	Nil
20	Ms. T. Priyanka	M.Tech.	Assistant Professor	Structural Engineering	1	Nil
21	Ms. A. Nagalakshmi	M.Tech.	Assistant Professor	Structural Engineering	1	Nil
22	Mr. K.T.V.K. Reddy	M.Tech.	Assistant Professor	Transportation Engineering	1	Nil
23	Ms. M. Sravanthi	M.Tech.	Assistant Professor	Structural Engineering	1	Nil
24	Ms. T. Shivali	M.Tech.	Assistant Professor	Environmental Engineering	1	Nil
25	Ms. P. Sruthishekar	M.Tech.	Assistant Professor	Transportation Engineering	1	Nil
26	Ms. P. Shanthi	M.Tech.	Assistant Professor	Structural Engineering	1	Nil
27	Mr. B. Sagar	M.Tech.	Assistant Professor	Structural Engineering	1	Nil
28	Ms. Y. Yamini	M.Tech.	Assistant Professor	Structural Engineering	1	Nil
29	Mr . K. Harish Kumar	M.Tech.	Assistant Professor	Structural Engineering	1	Nil
30	Mr. Ch. Rakesh Varma	M.Tech.	Assistant Professor	Structural Engineering	1	Nil
31	Mr . V.Naveen	M.Tech.	Assistant Professor	Structural Engineering	1	Nil
32	Mr R.AjayKumar	M.Tech.	Assistant	Structural	1	Nil

			Professor	Engineering		
33	Mr. G.Mrukandraj	M.Tech.	Assistant Professor	Structural Engineering	1	Nil
34	Ms Penta Mounika	M.Tech.	Assistant Professor	Structural Engineering	1	Nil
35	Mr T.Nagapurna Chandan	M.Tech.	Assistant Professor	Structural Engineering	1	Nil
36	Mr M.Madhukar	M.Tech.	Assistant Professor	Structural Engineering	1	Nil
37	Mr. Mohammed Sammuddin	M.Tech.	Assistant Professor	Structural Engineering	1	Nil
38	Mr. M.Pranav Raja	M.Tech.	Assistant Professor	Advanced Construction Mangement	1	Nil
39	Mr. Eshwar saikumar	M.Tech.	Assistant Professor	Transportation Engineering	1	Nil
40	Mr V murali	M.Tech.	Assistant Professor	Transportation Engineering	1	Nil
41	Ms B.Venkata Laxmi	M.Tech.	Assistant Professor	Transportation engineering	1	Nil
42	Mr. V.Sairam	M.Tech.	Assistant Professor	Structural Engineering		Nil
43	Mr D.Vinod Nayak	M.Tech.	Assistant Professor	Construction Management		Nil
44	Mr K.Manikanth	M.Tech.	Assistant Professor	Construction Management		Nil
45	Mr Mohammed ashfaq	M.Tech.	Assistant Professor	Geotechnical engineering		Nil

8. Percentage of classes taken by temporary faculty – programme wise information

Nil

9. Programme wise student teacher ratio

S. No.	Programme	Student Teacher Ratio
1	UG – B. Tech. Civil Engineering	14.77
2	PG – M. Tech. Structural Engineering	12.00
3	PG – M. Tech. Construction Management	12.00

10. Number of academic supporting staff (Technical) and administrative staff: Sanctioned and filled.

S. No.	Staff category	Sanctioned	Filled
1	Administrative Staff	2	2
2	Technical Staff	8	8

11. Number of Faculty with Ongoing Projects from a) National b) International Funding Agencies and c) Total Grants Received. Mention Names of Funding Agencies and Grants Received Project-wise.

1. Principal Investigator: Dr. R. S. N. Sastry

BOARD OF RESEARCH IN NUCLEAR SCIENCE (BRNS), BARC, Bombay, In collaboration with Atomic Minerals Division, Hyderabad, PROJECT ON “Integrated Geochemical Surveys in the Srisailam Formation in Chitrial and Akkavaram areas” in Nalgonda and Mahaboobnagar Districts, Andhra Pradesh: Project period: 2008 – 2012: Budget: Rs. 23.00 lakhs

2. Principal Investigator: Dr. R. S. N. Sastry

Integrated Land and Water Development for Enhancing Livelihood & Agriculture Practices at Watershed/Village Level- A Remote Sensing-GIS, Geophysical and Geochemical Approach., Duration: 2011 – 2014 Rs.3,50,000 O.U.-DST-PURSE

12. Departmental Projects Funded by DST-FIST; DBT, ICSSR, Etc.; Total Grants Received

Five Day Summer Science Camp Under INSPIRE Programme: DST Sponsored, 30th May to 3rd June, 2012.

13. Research Facility/Center with international recognition:

Nil

14. Publications:

Publication Details of the faculty.

- Number of papers published in peer reviewed international journals: 10
- Number of papers published in peer reviewed national journals: 9
- Number of papers published in international conferences: 11
- Number of papers published in national conferences:14
- One chapter published by the following
- **R.S.N. Sastry¹, K. Suryaprakash Rao², B.Srinivas³ and A.Ravi Kumar:** Observations on the gGeological and Geochemical Environment of the Major Gold Fields of South India – Book on Georesources by Prof. K.L. Shrivastava- 2014 - **ISBN: 978-81-7233-895-4**
- Editing Books: -Nil
- Books with ISBN numbers with details of publishers: -Nil
- Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host,

etc.): -Nil-

- Citation Index: Range: Min.= , Max.= and Average:
- SNIP: Range: Min.=0.14 , Max.=3.207 and Average:1.89
- SJR: Range: Min.= , Max.= and Average:
- Impact factor: Range: Min.=0,17 , Max.= 5.664. and Average:2.23

15. Details of patents and income generated

Nil

16. Area of consultancy and income generated

The following major consultancy and testing facilities are available in the department.

- Testing of cement and concrete,
- Testing of building and road material,
- Soil and water quality.
- Structural design and drawing of Buildings
- Hydro Geological Survey, Geophysical Survey

The **following laboratories** have the potential of taking up the above consultancy projects.

1. Concrete Technology
2. Soil Mechanics
3. Environmental Engineering
4. Transportation Engineering
5. Surveying

17. Faculty recharging strategies

- i. NME ICT - ISTE approved STTP on 'Introduction to Structural Engineering' during 4-9 January 2016 (one week), at the Department of Civil Engineering, AGI, Sponsored by Ministry of HRD. 31 faculty members have participated in the programme.
- ii. Dr. K R C Reddy Attended ISTE STTP at IIT Kharagpur during 28th Sept. to 2nd Oct. 2015 on 'Introduction to Structural Engineering.
- iii. Dr. K R C Reddy and P. Satyanarayana: attended 2-days ISTE workshop on 'Participatory Irrigation Management', 21-22 August 2015 at NNRG.

18. Students Projects

	UG/PG	2015-16	2014-15	2013-14	2012- 13
Percentage of Students who have done in-house projects including inter	UG	82.8	85.2	87.8	88.8
	structural	-	54.54	90.9	-

departmental	Construction	-	-	-	-
Percentage of students doing projects in collaboration with industries/institutes	UG	NIL	NIL	NIL	NIL
	PG	NIL	NIL	NIL	NIL

19. Awards / recognitions received at the national and international level by

a. Faculty: -Nil-

b. Doctoral/Post Doctoral Fellow: -Nil

c. Students:

1. Mr. A. Abhiram Reddy awarded with 'Indira Gandhi National NSS Award 2014-15' on 19th November 2015 at New Delhi by **Hon. President Shri Pranab Mukherjee**.
2. Manasvini, B. Tech. III Year student presented a paper in an International students Conference in Italy under IUCEE students SPEED chapter in November 2015.
3. B. Santhosha has selected for JNTUH 'University Kho-Kho Team' and participated in 'South zone Inter University Kho-Kho Tournament' held at TPESU Chennai during 4-5 December 2015
4. Mr. Ashok Yadav selected for JNTUH 'University Taekwondo Team and Participated in 'All India Inter University Taekwondo Championship' in Delhi University during 19-22 March 2016.
5. B. Manish Reddy and Mr. S. Nipun have participated and completed 'Learn to Meditate' offered by heartful Institution Agra during 13-19 June 2016.
6. Mr. Maniosh Reddy NSS volunteer has been awarded with state level 'The Best Volunteer' for the year 2015-16 by Osmania University Hyderabad on 2nd October 2016.

20. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any:

S. No.	Seminars/ Conferences/Workshops	Funding Sources	Date	Number of Participants
1	A short term training programme on 'Introduction to Structural Engineering'	MHRD	4-9 January 2016	31

21. Student profile course-wise

Name of the Course (Ref. Q. No. 2)	Applications Recieved	Selected		Pass percentage	
		Male	Female	Male	Female
B. Tech.	2012-16	52	18	41	17
	2011-15	52	16	44	14

	2010-14	49	17	43	15
	2009-13	44	19	38	18
M. Tech. Structural	2014-16	18	07		
	2013-15	31	09	12	05
	2012-14	08	03	08	03

22. Diversity of Students

Name of the Course (Ref. Q. No. 2)	Batch	% of students from the college	% of students from the state	% of students from other states	% of students from other Countries
B. Tech.	2012-16	-Nil-	100%	-Nil-	-Nil-
	2011-15				
	2010-14				
	2009-13				
M. Tech.	2014-16	-Nil-	100%	-Nil-	-Nil-
	2013-15				
	2012-14				

23. How many students have cleared Civil Services, Defense Services, NET, SLET,GATE and any other competitive examinations?

S. No.	Name of competitive examinations	Year	Number of students cleared
1	GATE	2016	3
		2015	5
		2014	8
		2013	11
2	Other	2016	
		2015	
		2014	
		2013	

24. Students Progression

S. No.	Student Progression	Percentage against enrolled			
		2012-2016	2011-15	2010-2014	2009-2013
1	UG to PG	26.3%	50.74%	66.6%	64.2%
2	PG to M. Phil.				
3	PG to Ph. D.				
4	Ph. D. to Post Doctoral				
5	Employed-Campus selection	4			19
6	Employed-Other than campus recruitment	2	3	5	6
7	Entrepreneurs				

25. Diversity of Staff

Percentage of Faculty who are graduates	%
Of the same parent university	77
From other university within the state	20
From other universities from other states	13

26. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period.

Nil-

27. Present details about infrastructural facilities

The Department has a separate library (apart from the central library) to cater the needs of the students.

S. No	Name of the infrastructure facility	Quantities/Details
1	Library	<ul style="list-style-type: none"> • No of Titles : 107 • No of Volumes : 310 • No of UG Project reports 180 • No of PG Project reports : 26 • Non book materials (CDs) 20 • Digital Library facility with 30 computers to enable the students to use National Program on Technology Enhanced Learning (NPTEL)
2	Computing and Internet facilities for faculty and students	<ul style="list-style-type: none"> • The department has 60 computers with internet facility in two different laboratories • The available internet band width is 65Mbps and can be extended on need basis Two internet Service Providers (ISP's) namely, Apollo Online and BSNL are operating currently • In addition to Wi-Fi connectivity is available within the campus
3	Total number of class rooms	<ul style="list-style-type: none"> • 9 Class rooms • A Digital Projector and a Desktop computers are arranged in three class room • 1 Seminar hall which accommodates over 200 students • Faculty rooms with all required facilities
4	Class rooms with ICT facility	<ul style="list-style-type: none"> • 3 Digital class rooms
5	Subject Laboratories	<ol style="list-style-type: none"> 1. Surveying Lab 2. Strength of Materials Lab 3. FM & HHM Lab 4. Concrete Technology Lab 5. Soil Mechanics Lab 6. Transportation Lab 7. Environmental engineering Lab 8. RS & GIS Lab

		9. Computer Centre with 60 Systems 10. Advanced Concrete Lab
6	Research laboratory	1. Research laboratory with 20 computers and internet facility

28. Number of students of the department getting financial assistance from College.

Nil

29. Was any need assessment exercise undertaken before the development of new program(s)? If so, give the methodology.

Yes, When the college plans to a introduce new program, an informal survey on the industrial needs, number of colleges offering the program in the state and employment prospects for the program is carried out. Based on this the College introduces the new program after obtaining approval from the statutory bodies.

30. Does the department obtain feedback from?

a. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize it?

Yes, the department obtains feedback from the faculty on curriculum and discusses it in the department faculty meetings. The necessary improvements are made in the curriculum and syllabi after discussion and approval by the Board of Studies. Faculty also gives self-evaluation about the teaching-learning-evaluation and this is used for the faculty performance appraisal and for making improvements in the teaching learning process.

b. Students on staff, curriculum as well as teaching-learning-evaluation and what is the response of the department to the same?

Feedback on Staff: Students' feedback or the faculty is obtained twice in a semester. Corrective measures are initiated based on the feedback.

Feedback on Curriculum: Feedback or the curriculum is analyzed by the department and includes as an item in agenda in Board of Studies.

Feedback on Teaching-Learning-Evaluation: Feedback from students on teaching –learning- evaluation is also dicussed.

c. Alumni and employers on the programmes and what is the response of the department to the same?

Feedback is obtained from the alumni and employers about the effectiveness of the programmes in terms of attainment of Program Outcome (POs) and Programme Educational Objectives (PEOs). The feedback is consolidated to quantify the attainment and to make necessary improvements in the programmes.

31. List the distinguished alumni of the department (maximum 10)

S. No.	Name	Batch	Current Position	Name of Company
1	K. Anusha	2009-2013	Assistant Exe. Engineer	Telangana Government
2	M. Prudwi Raj	2009-2013	Assistant Exe. Engineer	Telangana Government
3	R. Rajesh	2009-2013	Planning Engineer	Shapoorji Infrastructures Ltd
4	Baswaraj	2010-2014	Assistant Exe. Engineer	Telangana Government
5	Sridar	2010-2014	Assistant Engineer	Genco
6	R. Sai Vivek	2009-2013	Assistant Engineer	Telangana Government
7	K. Athul Reddy	2009-2013	Material Engineer	Qatar Indian Solutions
8	A.Mukesh	2009-2013	Planning Engineer	Hilti India Pvt Ltd
9	D.Anil kumar	2012-2016	Architect	Raster Engineers Pvt Ltd
10	R.Ravi Kiran Reddy	2009-2013	Assistant Engineer	Telangana Government

32. Give details of student enrichment programmes (special lectures / workshops / seminar) with external experts.
a. Activities

- NME-ICT ISTE approved Short Term Training Program conducted on 'Introduction to Structural Engineering' sponsored by MHRD during 4-9 January 2016.
- Engineers Day was celebrated in commemoration of birthday of Sir Mokshagundam Visweswarayya on 15th September 2015 in which Er. M.P.Naidu Project Director L&T Metro Rail (Hyd.) Ltd was the Chief Guest.
- Debate competitions organized on 'Metro Rail System-Boon or Bane' on 17th January 2016 and 'Urban Life and Future Requirement' on 15th February 2016.
- Two Day Workshop on 'Total Station' was conducted for final year students during 10-11 March 2016.
- An Expert lecture organized on "Overview of Geo-Informatics and its Applications' by Shri. Soma Rama Murthy, Retd. Director, GSI on 30th July 2015
- An Expert lecture was conducted on 'Boundary Layer Theory' by Dr. N. Suresh Kumar, Professor UCE, OU on 15th October 2015.
- An Expert lecture was conducted on 'Water Shed Management Systems' on 11th October 2015.
- Workshop on 'Irrigation Project in Telangana State' on 30th October 2015

b. Professional Chapters

- IE(I)-Chapter
- ISTE-Chapter

c. Technical Associations

- Civil Engineering Association
- Alumni Association
- GATE Club
- Career Guidance Cell
- Entrepreneurship Development Cell

d. Field Visits

- 'Irrigation projects in Karimnagar and Sriram Sagar dam site' during 22-23 August 2015.
- 'GHMC Sewerage Treatment Plants' in Hyderabad on 6th September 2015.
- 'Ramkey-Municipal Waste Water Treatment Plant' on 12th September 2015.
- 'Survey of India' during 31st March-2nd April 2016.

33. List the teaching methods adopted by the faculty for different programmes.

a. Lecture:

- i. Board and chalk
- ii. Power Point Presentation
- iii. Model

b. Demonstration:

- i. Conducting Seminars
- ii. Field Visits

34. How does the department ensure that programme objectives are constantly met and learning outcomes monitored?

- The attainment of programme objectives and the Learning Outcomes are ensured through proper curriculum design.
- The curriculum is designed with various theory, laboratory and elective courses to meet the Programme Educational Objectives, Programme Outcomes and Course Outcomes
- The Course Outcomes are clearly defined to ensure that the courses are aligned with the Programme Outcomes
- The attainment analysis of Programme Educational Objectives are done through the Indirect Assessment tools such as Survey, Employer Survey and collection of inputs from Focus Groups meetings

- Through regular interaction among the course instructors and domain coordinators efforts are taken to ensure the attainment of outcomes
- Programme Outcome Attainment Assessment is performed through direct assessment tools such as Course Outcome attainment, rubrics for analyzing open ended tasks, student portfolio and performance of students in national and international level exams. Indirect assessment tools such as Exit survey and Employer survey are also used.
- The attainment of Course Outcomes is monitored through the Direct Assessment tools such as Assignment, Seminar, test, mini-project, case studies, group task, presentations and lab courses

35. Highlight the participation of students and faculty in extension activities.

- Involved in Blood Donation camp.
- Participating cultural activities, symposium.
- Faculty members are attending conferences, workshops, seminars, and innovative projects
- Participating in science exhibitions.

36. Give details of “beyond syllabus scholarly activities” of the department.

- The students are encouraged to participate in intra and inter level college events.
- Organizing Guest lectures, Workshops, Seminars.
- NSS, Sports, Association activities
- In plant training for students during summer & winter vacation.
- Spoken Tutorial Workshops

37. State whether the programme/department is accredited/graded by other agencies. Give details.

No

38. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department

a. Strengths

- The faculty members with good team spirit.
- Faculty members qualified in different areas of specialization.
- Faculty members are updating themselves periodically through Faculty Development Programs.
- Well equipped lab facilities.
- Involved in commercial testing and consultancy works.

b. Weakness

- Lack of international collaboration.
- Limited number of Ph.D. holders.
- Lack of sponsored R&D projects.

c. Opportunities

- Students can be encouraged to participate in international events.
- Submission of project proposals by the faculty members.
- Faculty members can publish books and research papers in journals.
- Training for the students to become entrepreneur.

d. Challenges

- Placing students in core companies.
- Faculty adaptation to new changing technologies.
- Getting sponsored Research Projects

39. Future plans of the department.

a. Short term plans

- To conduct the National/ International level conference by getting sponsors from funding agencies.
- To get R&D projects
- To upgrade the qualification of the faculty and staff members.

b. Long Term Plans

- To receive research grants from various funding agencies for organizing workshops/ conferences/seminars.
- To sign MoU's with leading industries to promote Industry-Institute Interaction.

Evaluative Report of the Chemical Engineering (CHEM) Department

1. Name of the Department & its Year of Establishment.

Name of the Department: Chemical Engineering

Year of Establishment: 2004

2. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters, Integrated Ph.D., etc.)

S. No	Name of the Programmes Offered	Remarks (UG, PG, Ph. D.)
1.	B.Tech- Chemical Engineering	UG

3. Interdisciplinary Courses and Departments Involved

S. No	Name of the Course	Name of the Departments Offering the Course
Theory Courses		
1	1. English-I 2. English – II 3. English for Life Skills 4. Gender Sensitization	English
2	5. Mathematics - I 6. Mathematics - II 7. Mathematics – III	Mathematics
3	8. Engineering Physics-I 9. Engineering Physics-II	Physics
4	10. Analytical Chemistry 11. Applied Chemistry-II 12. Applied Chemistry-I	Chemistry
5	13. Computer Programming -I 14. Computer Programming – II	Computer science and Engg
6	15. Engineering Graphics - I 16. Engineering Graphics-II 17. Engineering Mechanics – I 18. Engineering Mechanics – II	Mechanical Engg
7	19. Basic Electrical and Electronics Engineering	Electrical & Electronics Engg
8	20. Logical Reasoning and Quantitative Aptitude	Training & Placement Cell

S.No	Name of the Course	Name of the Departments Offering the Course
Practical Courses		
1	1. English Language Communication Skills Lab– I 2. English Language Communication Skills Lab–II 3. Advanced English Communication Skills Lab	English
2	4. IT Work shop	Information Technology
3	5. Engineering Physics and Applied Chemistry Lab-I 6. Engineering Physics and Applied Chemistry Lab-II 7. Analytical Chemistry Lab	Chemistry & Physics
4	8. Computer Programming - II Lab 9. Computer Programming - I Lab	Computer science and Engg
5	10. Engineering Workshop-I 11. Engineering Workshop-II	Mechanical Engg
6	12. Electrical Engineering Lab	Electrical & Electronics Engg

According to the program structure of the autonomous syllabus, the range of credits in Humanities and Social Sciences (5-10% credits), Basic Sciences (15-20% credits) and engineering sciences (15-20 %credits) which are offered by the other departments are to be satisfied. The total credits for the subjects offered by the other departments sum to 39.59%, which is in the range of 35 to 50%.

4. Annual/ Semester/Choice Based Credit System

Choice Based Credit System (CBCS)

- The CBCS provides choice for students to select courses from core electives and open electives. The CBCS provides a cafeteria type approach in which the students can take courses of their choice, learn at their own pace, undergo additional courses and acquire more than the required credits, and adopt an interdisciplinary approach to learning. JNTU, Hyderabad has accorded autonomous status to our institution to implement CBCS.

5. Participation of the Department in the Courses offered by other Departments

S.No	Interdisciplinary Courses Offered	Name of the Departments Involved
1	Environmental Studies	CSE, ECE, EEE, MECH, IT

6. Number of Teaching Posts Sanctioned and Filled (Professors/Associate Professors/ Asst. Professors)

Teaching Post	Sanctioned	Filled
Professors	1	1
Associate Professors	2	2
Assistant Professors	10	10
Total	13	13

7. Faculty Profile with Name, Qualification, Designation, Specialization (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)
U.G. – B.Tech Chemical Engineering

S. No	Name	Qualification	Designation	Specialization	No. of years of experience	No. of PhD students guided for past 4 years
1	Prof. M. Bhagvanth Rao	Ph.D	Professor	Chemical Engg	40	Total 112 (15 in last four years)
2	Dr. N.Anil	Ph.D	Asso. Prof.	Optimization Techniques in Chem Engg	18	NIL
3	Dr. M.Mukunda Vani	Ph.D	Asso. Prof.	Chemical Reaction Engg	14	NIL
4	Dr.Ganesh Botla	Ph.D	Asst. Prof	Process Dynamics & Control	8	NIL
5	Mrs.M.Shireesha	M.Tech	Asst. Prof.	Chemical Engg	8	NIL
6	Mrs.N.Rama	M.Tech	Asst. Prof.	Chemical Engg	8	NIL
7	Mrs.Sk.Shaheda	M.Tech	Asst. Prof.	Chemical Reaction Engg	6	NIL
8	A. Manjusha	M.Tech	Asst. Prof.	Chemical Reaction Engg	2	NIL
9	V. Balachander	M.Tech	Asst. Prof.	Chemical Reaction Engg	2	NIL
10	Mrs D.Sruthi Keerthi	M.Tech	Asst. Prof.	Technology of Pharmaceuticals & Fine Chemicals	4	NIL
11	Ms K.Meenakshi	M.Tech	Asst. Prof.	Chemical Reaction Engg	4	NIL
12	Mr Abdul Raof Ahmed Razvi	M.Tech	Asst. Prof.	Chemical Reaction Engg	4	NIL

13	Mr.T.Purushotham	M.Tech	Asst. Prof	Technology of Pharmaceuticals & Fine Chemicals	6	NIL
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8. Percentage of Classes taken by Temporary Faculty – Programme-wise Information

NIL

9. Programme wise student teacher ratio (Excluding first year)

S.No	Programme	Student Staff Ratio
1	UG - B.Tech (Chemical Engineering)	1:14

10. Number of academic support staff (Technical) and administrative staff: sanctioned and filled

S.No	Staff Category	Sanctioned	Filled
1	Administrative staff	NIL	NIL
2	academic support staff (Technical)	2	2
3	Attainder	1	1
4	Driver	1	1

11. Number of faculty with ongoing projects from a) National b) International Funding Agencies and c) Total Grants Received. Mention Names of Funding Agencies and Grants Received Project-wise

2012-13

S.NO	Name of the faculty member	R&D and consultancy work with amount Funding		Holding an incubation unit
		Agency	Amount	
1.	Prof.M Bhagvanth Rao	State Agency/ Private Sector	40,000	R &D Projects and consultancy are being carried out in local industries, IICT etc
2.	Dr. Vijay Kale	State Agency/ Private Sector	30,000	Consultancy with oil industries
3.	Mr. B. Siddaiah	State Agency/ Private Sector	30,000	Consultancy Project for M/s Rhyme Organics and Chemicals Ltd
4.	Dr. Savita Belwal	State Agency/ Private Sector	30,000	Consultancy project for M/s Rhyme Organics and Chemicals Ltd
5.	Dr. N. Anil	State Agency/ Private Sector	25,000	project for M/s Prabhava Organics Ltd
6.	Mrs. M. Mukunda Vani	State Agency/ Private Sector	25,000	Consultancy project for M/s Prabhava Organics Ltd
7.	Mr. Farid Khan	State Agency/	20,000	Consultancy project with

		Private Sector		EnfabLtd.
8.	Mr. M. Chandra Mohan	State Agency/ Private Sector	20,000	Consultancy projectfor M/s Enfab Ltd
9.	Ms. M. Shireesha	State Agency/ Private Sector	20,000	Consultancy projectfor M/s Enfab Ltd
10.	Mrs.N. Rama	State Agency/ Private Sector	20,000	Consultancy projectfor M/s Enfab Ltd
11.	Mr. ShravanKumar	State Agency/ Private Sector	15,000	Consultancyprojectfor M/s Rhyme Organicsand chemicals Ltd
12.	Sk. Shaheda	State Agency/ Private Sector	20,000	Consultancy projectfor M/s Rhyme Organics and chemicals Ltd
13.	Nupur Gangal	State Agency/ Private Sector	15,000	Consultancy projectfor M/s Rhyme Organicsand chemicals Ltd

2013-14

S.NO	Name of the faculty member	R&D and consultancy work with amount Funding		Holding an incubation unit
		Agency	Amount	
1.	Prof.M Bhagvanth Rao	State Agency/ Private Sector	40,000	R &D Projectsand consultancy arebeing carriedoutinlocal industries ,IICTetc
2.	Dr. Vijay Kale	State Agency/ Private Sector	30,000	Consultancy withoil industries
3.	Dr. Savita Belwal	State Agency/ Private Sector	30,000	Consultancy projectwith EnfabLtd.
4.	Dr. N. Anil	State Agency/ Private Sector	30,000	Consultancy Projectfor M/s Rhyme Organicsand Chemicals Ltd
5.	Mrs. M. Mukunda Vani	State Agency/ Private Sector	25,000	Consultancy withoil industries
6.	Mr. M. Chandra Mohan	State Agency/ Private Sector	25,000	Consultancy projectfor M/s Rhyme Organicsand Chemicals Ltd
7.	Mrs.N. Rama	State Agency/ Private Sector	25,000	Consultancy projectfor M/s Prabhava OrganicsLtd
8.	Sk. Shaheda	State Agency/ Private Sector	20,000	projectfor M/s Prabhava Organics Ltd
9.	G.Radhika	State Agency/ Private Sector	20,000	Consultancy projectfor M/s Enfab Ltd
10.	D.Shruthi Keerthi	State Agency/ Private Sector	20,000	Consultancy projectfor M/s Enfab Ltd
11.	Mr.V.Kalyan	State Agency/ Private Sector	20,000	Consultancy projectfor M/s Enfab Ltd
12.	K.Meenakshi	State Agency/	20,000	Consultancy project for

		Private Sector		M/s Rhyme Organics and chemicals Ltd
13.	P.Aparna	State Agency/ Private Sector	15,000	Consultancy project for M/s Rhyme Organics and chemicals Ltd

2014-15

S.NO	Name of the faculty member	R&D and consultancy work with amount Funding		Holding an incubation unit
		Agency	Amount	
1.	Prof.M Bhagvanth Rao	State Agency/ Private Sector	40,000	R &D Projects and consultancy are being carried out in local industries ,IICT etc
2.	Dr. Vijay Kale	State Agency/ Private Sector	30,000	Consultancy with oil industries
3.	Dr. Savita Belwal	State Agency/ Private Sector	30,000	Consultancy Project for M/s Rhyme Organics and Chemicals Ltd
4.	Dr. N. Anil	State Agency/ Private Sector	30,000	Consultancy project with Enfab Ltd.
5.	Mrs. M. Mukunda Vani	State Agency/ Private Sector	25,000	project for M/s Prabhava Organics Ltd
6.	Mr. M. Chandra Mohan	State Agency/ Private Sector	25,000	Consultancy project for M/s Prabhava Organics Ltd
7.	Mrs.N. Rama	State Agency/ Private Sector	25,000	Consultancy project for M/s Rhyme Organics and Chemicals Ltd
8.	Sk. Shaheda	State Agency/ Private Sector	20,000	Consultancy project for M/s Enfab Ltd
9.	G.Radhika	State Agency/ Private Sector	20,000	Consultancy project for M/s Enfab Ltd
10.	D.Shruthi Keerthi	State Agency/ Private Sector	20,000	Consultancy project for M/s Enfab Ltd
11.	Mr.V.Kalyan	State Agency/ Private Sector	20,000	Consultancy project for M/s Rhyme Organics and chemicals Ltd
12.	K.Meenakshi	State Agency/ Private Sector	20,000	Consultancy project for M/s Rhyme Organics and chemicals Ltd
13.	P.Aparna	State Agency/ Private Sector	15,000	Consultancy project for M/s Rhyme Organics and chemicals Ltd

2015-16

S.No	Name of the faculty member	R&D and consultancy work with amount Funding		Holding an incubation unit
		Agency	Amount	
1.	Prof. M. Bhagvanth Rao	State Agency/ Private Sector	40,000	R &D Projects and consultancy are being carried out in local industries, IIT etc
2.	Dr. N.Anil	State Agency/ Private Sector	30,000	Consultancy with oil industries
3.	Dr. Savita Belwal	State Agency/ Private Sector	30,000	Consultancy project with Enfab Ltd
4.	Dr. M.Mukunda Vani	State Agency/ Private Sector	30,000	Consultancy Project for M/s Rhyme Organics and Chemicals Ltd.
5.	M.Shireesha	State Agency/ Private Sector	25,000	Consultancy project for M/s Enfab Ltd
6.	N.Rama	State Agency/ Private Sector	25,000	Consultancy project for M/s Prabhava Organics Ltd
7.	V.Ramanjaneyulu	State Agency/ Private Sector	25,000	Consultancy project for M/s Rhyme Organics and Chemicals Ltd
8.	Sk.Shaheda	State Agency/ Private Sector	20,000	Consultancy project for M/s Enfab Ltd
9.	G Radhika	State Agency/ Private Sector	20,000	project for M/s Prabhava Organics Ltd
10.	V.Kalyan	State Agency/ Private Sector	20,000	Consultancy project for M/s Rhyme Organics and chemicals Ltd
11.	D.Sruthi Keerthi	State Agency/ Private Sector	20,000	Consultancy project for M/s Rhyme Organics and chemicals Ltd
12.	K.Meenakshi	State Agency/ Private Sector	20,000	Consultancy project for M/s Rhyme Organics and chemicals Ltd
13.	Abdul Raof Ahmed Razvi	State Agency/ Private Sector	15,000	Consultancy project for M/s Enfab Ltd
14.	P.Aparna	State Agency/ Private Sector	20,000	Rhyme Organics and chemicals Ltd
15.	A.Jagdeesh	State Agency/ Private Sector	20,000	Consultancy project for M/s Enfab Ltd

12. Departmental Projects Funded by DST-FIST; DBT, ICSSR, Etc.; Total Grants Received

During academic year 2014-15 UGC New Delhi has approved 3 lakhs for to Mr Sikandar Baba, Associate Professor in Department of Mechanical Engg who is working for his Ph.D with Prof M Bhagvanth Rao.

S.No	Title of the Project	Name of the Faculty involved	Funding Agency	Sanctioned Amount (Rs.)	Duration
1	Heat Transfer to Nanofluids	Prof. M Bhagvanth Rao	UGC	3 lakhs	2 Years

13. Research Facility / Centre with

State Recognition

- College has been recognized as research centre by DSIR
- Department has applied for research centre to JNTU Hyderabad and application is pending

National Recognition: The National Board of Accreditation, Govt. of India has accorded accreditation to Chemical Engineering Department for 3 years starting from academic year 2015-16 under Tier-1 category as per Washington Accord

International Recognition: As mentioned above.

14. Publications:

Publication Details of the faculty.

International Journal : 46

National Journal : 2

S.No	Year	Papers published by the faculty in International / National journals	Papers published by the faculty in International / National conferences
1	2012-13	9	1
2	2013-14	6	2
3	2014-15	6	2
4	2015-16	17	4
5	2016-17	10	3

1 Citation Index- Range/ average

Range: 0-17

2 Impact Factor- Range/ average

Range:0.8-4.92

Average: 1.43

3 h- index

0-5

Details of the faculty Journal publications for the academic year
2012- 13

SNo.	Faculty Name	Topic	Journal Name	Volume,issue and Page Nos.
1	Prof M.Bhagvanth Rao	Experimental Estimation of Heat Transfer Coefficients using Helical Coil in an agitated Vessel.	International Journal of Engineering Trends and Technologies	31; 2; 113-118; 2012 ISSN:2231-5381
2	Prof M.Bhagvanth Rao	Determination of Heat Transfer Cooling Rates in a Mixing Vessel Using Kanthal Heating Element	International Journal of Engineering Trends and Technologies	31; 2; 193; 2012 ISSN:2231-5381
3	Prof M.Bhagvanth Rao	Effect of Dean Number on Heat Transfer Coefficients in a Flat Bottom Agitated Vessel.	IOSR Journal of Engineering	2; 4; 945; 2012 ISSN(Online) : 2250-3021 ISSN(Print) : 2278-8719
4	Prof M.Bhagvanth Rao	Multistage dynamic Optimization of a copolymerization reactor using differential evolution	Asia-Pacific Journal of Chemical Engineering	6; 2013 Online ISSN: 1932-2143
5	Dr. Savita Belwal	Evaluation of Disease resistance potential of diorganotin complexes in some bacteria and fungi	Journal of Chemistry	1;5; 67; 2013 ISSN Online: 2330-099X ISSN Print: 2330-0981
6	Dr. Savita Belwal	Green Revolution in Chemistry by Microwave Assisted Synthesis: A Review	Modern Chemistry	1; 3; 22; 2013 ISSN Online: 2329-180X ISSN Print: 2329-1818
7	Dr. M.Mukunda Vani	Studies on Degradation of Pectin in Solutions using Commercial Pectinase Enzyme.	International Journal of Biological Sciences and Engineering	2; 3; 235-242; 2011 ISSN No. : 0976-1519
8	Dr. M.Mukunda Vani	Kinetic Studies on Degradation of Pectin in Synthetic Pectin Solutions Using Immobilized Pectinase Enzyme	International Journal of Plant Research	24; 2; 202-207; 2011 p-ISSN: 2163-2596 e-ISSN: 2163-260X

9.	G.Radhika	Control of Continuous Stirred Tank Reactor Using Artificial Neural Networks Based Predictive Control	Advanced Materials Research	550-553, 2908– 2912; 2012 ISSN: 1662-8985
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2013- 14

S.No	Faculty Name	Topic	Journal Name	Volume, issue and Page Nos.
1	Prof M. Bhagvanth Rao	Thermal Analysis on a Finned Tube Heat Exchanger of a Two Stage Air Compressor	International Journal for Research in Applied Science & Engineering Technology (IJRASET),	2;5; 2014 ISSN: 2321-9653
2	Prof .M. Bhagvanth Rao.	A Review of Nusselt Number under Laminar Flow Condition in Heat Exchanger	Journal of Mechanical and Civil Engineering(IOSR-JMCE)	11; 2-IV; 76-80; 2014 ISSN: 2320-334X
3	Prof. M. Bhagvanth Rao,	Transformation of sewage water to potable water	Journal of Engineering And Technology Research, ,	2; 4; 63; 2014. ISSN 2348-0424
5	Dr. Savita Belwal	Transformation of sewage water to potable water,	Journal of Engineering And Technology Research, ,	2; 4; 63; 2014. ISSN 2348-0424
6	V. Ramanjaneyulu	Aerobic biodegradation of Vinegar effluent treatment plant by using Bascillus cocci	International Journal of Recent Scientific Research	4; 10; 1598-1601; 2013 1598-1601

2014- 15

S.No.	Faculty Name	Topic	Journal Name	Volume, issue and Page Nos.
1	Prof M. Bhagvanth Rao	Investigation for strength of layering of pelletized balls used as feed for gas solid reaction	International Journal of Engineering Research and Applications (IJERA)	5; 10; 60; 2015 ISSN:2248-9622
2	Dr. Savita Belwal	Investigation for strength of layering of pelletized balls used as feed for gas solid reaction	International Journal of Engineering Research and Applications (IJERA)	5; 10; 60; 2015 ISSN:2248-9622
3	Dr. Savita Belwal	Inventive Triorgano tin (IV) Complexes of Biologically Potent Schiff base Derivative	European Journal of Advances in Engineering and Technology	2; 11; 34; 2015 ISSN: 2394 - 658X
4	Dr. Savita Belwal	Synthetic, spectroscopic Characterization and Biological Evaluation of some innovative silicon Schiff base compounds	International Journal of Engineering Sciences and Research Technology (IJESRT),	4; 12; 285; 2015. ISSN: 2277-9655
5	Dr. Savita Belwal	Pharmaceutical Aspects of Intravenous Therapy: A Short Review	International Journal of Engineering Technology and Scientific innovation (IJETSI)	1; 3; 200; 2015
6	M.Shireesha	Green Chemistry & Green Engineering for a Blue planet- A Review	AP Akademi of Sciences special issue on Science for Society	16; 2; 2014

2015- 16

SNo.	Faculty Name	Topic	Journal Name	Volume, issue and Page Nos.
1	Prof M. Bhagvanth Rao	Investigation for strength of layering of pelletized balls used as feed for gas solid reaction,	International Journal of Engineering Research and Applications	5; 10; 60; 2015 ISSN: 2248-9622
2	Prof .M. Bhagvanth Rao	Dynamic optimization of copolymerization reactor using Tabu Search	International Journal of Engineering Research and Applications	5; 10; 60; 2015 ISSN: 0019-0578
3	Dr. Savita Belwal	Investigation for strength of layering of pelletized balls used as feed for gas solid reaction,	International Journal of Engineering Research and Applications	5; 10; 60; 2015. ISSN: 2248-9622,
4	Dr. Savita Belwal	Inventive Triorgano tin (IV) Complexes of Biologically Potent Schiff base Derivatives	Journal of Advances in Engineering and Technology	2; 11; 34; 2015 ISSN: 2394 - 658X
5	Dr. Savita Belwal	Synthetic, spectroscopic Characterization and Biological Evaluation of some innovative silicon Schiff base compounds	International Journal of Engineering Sciences and Research Technology	4; 12; 285; 2015 ISSN: 2277-9655
6	Dr. Savita Belwal	Pharmaceutical Aspects of Intravenous Therapy: A Short Review	International Journal of Engg. Technology and Scientific innovation	1; 3; 200; 2015
7	Dr. Savita Belwal	Quality assessment of Polluted lake water of Hyderabad in India by Analytical parameters and statistical techniques	Journal of Environmental Biology	5; 10; 60; 2015
8	Dr. M.Mukunda Vani	Identification And Chemical Characterization Of Compounds Present In Different Solvent Extracts Of Azadirachta Indica Through Thin Layer Chromatography Analysis	International Journal of Research in Engineering and Technology	5; 2; 202-207; 2016 ISSN: 2319-1163
9	Dr. M.Mukunda	kinetic studies and adsorption of organic	International Journal of Emerging Trends in	5; 6; 97-106; 2016 ISSN 2249-6149

	Vani	contaminants using activated carbon putrescible vegetable waste	Engineering and development	
10	N.Rama	Assessment of strength of granules prepared In rotary drum granulator based on their Residence time	International Journal of Chem Tech Research	9; 347-361; 2016.ISSN:2455-9555
11	Dr. N.Anil	Pretreatment process for removal of lignin in Bioethanol production	International Journal of Emerging Trends in Engineering and development – A case study	4; 6; 120-122; 2016 ISSN 2249-6149
12	K.Meenakshi	Pretreatment process for removal of lignin in Bioethanol production	International Journal of Emerging Trends in Engineering and development – A case study	4; 6; 120-122; 2016 ISSN 2249-6149
13	V.Kalyan	Design and Evaluation of Millireactor to perform reactions oatsmall scale	International Journal of Innovations in Engineering and Technology	6; 4; 689-695; 2016 ISSN:2319-1058
14	Sk.Shaheda	Design and Evaluation of Millireactor to perform reactions oatsmall scale	International Journal of Innovations in Engineering and Technology	6; 4; 689-695; 2016 ISSN:2319-1058
15	Abdul Raof Ahmed Razvi	Experimental study on properties of ternary blended self compacting concrete by adding fibre reinforcement and replacing quarry dust as sand	Global Journal of Engineering Sciences and Researches	2; 10; 849-861; 2015 ISSN 2348–8034
16	Abdul Raof Ahmed Razvi	A review of genetic Algorithms and its applications in Chemical Engineering Research	International Journal of Engg Sciences and Research Technology	5; 1; 89-97; 2016 ISSN: 2277-9655
17	Abdul Raof Ahmed Razvi	Process Intensification using phase transfer catalysts	International Journal of thesis projects and Dissertations	4; 1; 56-63; 2016 ISSN 2348-3164

Details of the faculty Conference publications for the academic year

Year 2012-13

S.No	Author	Title of the paper	Name of the Conference	year
1	V.Kalyan	Reaction Performance in micro and milli tubes	International conference WCECS ,	OCT 24 th ,2012

Year 2013-14

S.No	Author	Title of the paper	Name of the Conference	year
1	Dr M Mukunda vani	Biochemical Reaction Engineering studies on Liquefaction of Gauva Fruit Pulp using immobilized pectinase enzyme	National symposium organized by BITS Pilani, Hyderabad Campus, on Innovation in Chemical Engineering,	15-16, Nov 2013.
2	Prof. M.Bhagvanth Rao	Evolution of Automobile Catalytic Converter during last Four Decades- A Review	4 th National Conference on Advances in Mechanical Engineering (AIM)	198-209, 2013

Year 2014-15

S.No	Author	Title of the paper	Name of the Conference	year
1	Shireesha M	Kinetic Study of Esterification of Acetic Acid with Ethylene Glycol using Para Toluene Sulfonic Acid(PTSA) Catalyst	CHEMCON 2014	Paper No. CR/0037, Proc., Dec. 27th – 30th, 2014, Chandigarh
2	Shireesha M	Kinetic Study For Formation Of Ethylene Glycol Diacetate Using Para Toluene Sulfonic Acid (Ptsa) Catalyst	International Conference on New Frontiers in Chemical, Energy And Environmental Engineering	Paper No. 173, (INCEEE-2015), 20-21 March, 2015

Year 2015-16

S.No	Author	Title of the paper	Name of the Conference	year
1	Dr. M.Mukunda Vani	Determination of Effective Diffusion Coefficient of Pectin in Gauva Fruit Pulp With Immobilized Pectinase Enzyme.	National seminar organized by IICT, Hyderabad under Indian Society of Analytical Scientists, Hyderabad on Emerging Trends in Analytical Sciences (ETAS – 2016)	21-22, March 2016.
2	Dr.Savita Belwal	Quality analysis assessment of Hyderabad lake water by statistical technique- aAcase study	National seminar organized by IICT, Hyderabad under Indian Society of Analytical Scientists, Hyderabad on Emerging Trends in Analytical Sciences (ETAS – 2016)	21-22, March 2016.
3	N.Rama	Quality analysis assessment of Hyderabad lake water by statistical technique- Acase study	National seminar organized by IICT, Hyderabad under Indian Society of Analytical Scientists, Hyderabad on Emerging Trends in Analytical Sciences (ETAS – 2016)	21-22, March 2016.
4	Shireesha M	Kinetic study of Hydrogenalysis of Glycerol to 1,2-propane diol over co-zno catalyst	CHEMCON 2015	2015, Dec. 27th –30th, Guwahati

15. Details of Patents and Income Generated :

One patent is there and income is nil

Patent is on effective methods of tapping oil wells during 2012-2013

16. Areas of Consultancy and Income Generated

S.No	Name of the Faculty Member	Title of the Project	Name of the Company/Agency/others	Income Generated in Rs.
1	Prof.M.Bhagvanth Rao		Dr.Reddy's Labs	2 crores

The department has MoU with Dr.Reddy's Laboratories, Hyderabad. According to this, department trains the employees of the Dr Reddy's laboratory for a period of 3-4 months per batch. So far the department has trained 13 batches and 14th batch is in progress. The income generated is 2 crore rupees.

17. Faculty Recharging Strategies

Academic Staff Development Programs	No. of Faculty Participated			
	2015-16	2014-15	2013-14	2012-13
Conferences	12	5	2	-
Workshops	13	7	4	8
Seminars	15	12	10	5
STP/FDP/FIP	11	11	11	-

18. Student Projects

	UG/PG	2015-16	2014-15	2013-14	2012-13
Percentage of students who have done in-house projects including interdepartmental	UG	82	100	100	100
Percentage of students doing projects in Industries	UG	18	0	0	0

19. Awards / Recognitions Received at the National and International Level Faculty:

A. Prof M Bhagvanth Rao

- He was UGC National Lecturer in 1974
- He was awarded Best Teacher Award by Govt of Andhra Pradesh, 1996.
- Bhatnagar Award in 1984
- Best Research Publication by American Institute of Chemical Engineers in 2001
- Best Research Publication by Indian Institute of Chemical Engineers, 2006

B. Dr M Mukunda Vani

- She has received Best Paper Presenter award in National Symposium organized by BITS Pilani, Hyderabad Campus, in 2013
- She has received Best Paper Presenter award in National Symposium organized by Society of Applied Biotechnology, on Innovative and Modern Technologies for Agricultural Productivity, Food Security and Environmental Management on 22nd -23rd July 2011, Mangalore, Karnataka.

Doctoral / Post Doctoral Fellows:

S.No	Name of the Doctoral/Post Doctoral	Award	Awarded by	Year
1	Dr. N.Anil	Ph.D	Osmania University	2011
2	Dr. M.Mukunda Vani	Ph.D	JNTU Hyderabad	2015

Students:
Academic Year 2015-16

S.No	Name of the Student	Sex	Name of the event	Organized by, place of the event	Date of Event	Award / Participation
1.	P.Rahul	M	Paper presentation,	BV Raju Institute of Technology, Narsapur	18 th & 19 th March 2016	I
2.	P.Rahul U.Vamshi Sridhar Maqsood	M M M	Technical Quiz	Indian Institute of Chemical Technology ,Hyderabad	05-04-2016	III
3.	V.Revanth	M	Essay Writing	Indian Institute of Chemical Engineers, Hyderabad Regional Chapter, Hyderabad	05-04-2016	II
4.	Chinmayi Punna	F	Essay Writing	Indian Institute of Chemical Engineers, Hyderabad Regional Chapter, Hyderabad	05-04-2016	III
5.	E.Kiran Raj	M	Singing,	Osmania University College of Technology, Hyderabad	25-03-16	II
6.	Linisha Biswal	F	Quiz	Indian Institute of Chemical Engineers, Hyderabad Regional Centre	25-062016	Best Merit Student Award
7.	P.Harini	F		National Integration Camp ,Agra	19-06-2016	Participation
8.	Ch.Meghana K Pushpitha	F F	Elocution Competition conducted	Indian Institute of Chemical Engineers, ,Hyderabad Regional Centre	05-04-2016	III
9.	C.Vamshi	M	Paper	Anurag Group of	19th &	I

			Presentation	Institution, Hyderabad	20th March 2015	
10.	S.Susheel	M	Essay Writing	Indian Institute of Chemical Engineers, Hyderabad Regional Centre	3-7-2015	II
11.	Karthik Rao UmaMaheshwar Chary.T	M M	Energy Engineering Conference	Haldia, Kolkata	21st& 23rd Jan 2015	Participation
12.	Shubham.G	M	Poster Presentation	Anurag Group of Institution, Hyderabad	21st& 23rd Jan 2015	I
13.	N.S.V.Dinesh	M	Paper Presentation	BITS Pilani, Hyderabad	22-05-2015	Participation
14.	U.Vamshi Shreedar	M M	Singing	Anurag Group of Institution, Hyderabad	2015	I
15.	Ganesh More Sujala Bindu	M F	Compound Preparation	Anurag Group of Institution, Hyderabad	8th& 9th March 2015	I
16.	Md.Yasar, Md. Waseem Akram	M M	Model Making	Anurag Group of Institution, Hyderabad	8th& 9th March 2015	I
17.	V.Revanth K.Meghana V. Sujala Bindu Susheel	M F F M	Paper Presentation	Chaitanya Bharathi Institute of Technology, Hyderabad	10-03-2015	Participation
18.	C Vamshi	M	Paper presentation	Anurag Group of Institution, Hyderabad	8th& 9th March 2015	I
19.	T.Dheeraj	M	Aagama2k16	Poster Presentation, AGI, Hyderabad	18th& 19th March 2016	I

Academic Year 2014-15

S.No	Name of the Student	Sex (M/F)	Name of the event	Organized by, place of the event	Date of Event	Award/ Participation
1.	Ganesh Ashok More	M	Essay writing	Indian Institute of Chemical Engineers, Hyderabad Regional Chapter, Hyderabad	03-07-2015	I
2.	S.Susheel	M	Essay writing	Indian Institute of Chemical Engineers, Hyderabad Regional Chapter, Hyderabad	03-07-2015	II
3.	Sourabh Kulkarni	M	Elocution competition	Indian Institute of Chemical Engineers, Hyderabad Regional Chapter, Hyderabad	03-07-2015	I
4.	M.Harika	F	Elocution competition	Indian Institute of Chemical Engineers, Hyderabad Regional Chapter, Hyderabad	03-07-2015	II
5.	Ashwin murali K.Aashish D. Srinivas	M M M	Technical Quiz	Indian Institute of Chemical Engineers, Hyderabad Regional Chapter, Hyderabad	15-03-2015	I
6.	Azmeera Raju Venkatasai Kumar N.Pradeep	M M M M	Technical Quiz	Indian Institute of Chemical Engineers, Hyderabad Regional Chapter, Hyderabad	15-03-2015	II
7.	D.Vaishnavi	F	Merit Student Occasion	Indian Institute of Chemical Engineers, Hyderabad Regional Chapter, Hyderabad	3-07-2015	Best Merit student Award
8.	Revanth	M	Paper Presentation	Chaitanya Bharati Institute of Technology, Hyderabad	10th&11 th -03-2015	II
9.	A.Sunidhi	F	Decoding	National Institute of Technology, Warangal	25-01-2015	II
10.	P.Rahul	M	Paper presentation	BV Raju Institute of Technology, Narsapur	13-03-2014	I
11.	Kiran Raj	M	Compound Preparation	Anurag Group of Institutions, Hyderabad	14-03-2014	II

12.	Yasar Wasim Akram	M M	Model Making	Anurag Group of Institutions, Hyderabad	13-03- 2014	II
13.	U.Vamshi Sreedhar	M	Paper Presentation	Jawahar Lal Nehru Technological University, Hyderabad	13-03- 2014	Participati on

Academic Year 2013-14

S.No	Name of the Student	Sex (M/F)	Name of the event	Organized by, place of the event	Date of Event	Awar d/ Parti cipat ion
1.	V.Revanth	M	Aagama 2k14	Anurag Group of Institutions, Hyderabad	18-03-2014	II
2.	M.Harini	F	Rasayanika 2k13	Anurag Group of Institutions, Hyderabad	03-10-2013	I
3.	V.Sujala Bindu Ganesh More	F M	Rasayanika 2k13	Anurag Group of Institutions, Hyderabad	3-10-2013	II
4.	K. Chandana M. Jyothsna N. Sreenidhi	F F F	Aagama 2k14	Anurag Group of Institutions, Hyderabad	7 th & 8 th March 2014	I
5.	K Aashish Balaram Krishna	M M	Aagama 2k14	Anurag Group of Institutions, Hyderabad	7 th & 8 th March 2014	II
6.	P.Sagar Suresh B.Sai Hitesh	M M	Aagama 2k14	Anurag Group of Institutions, Hyderabad	7 th & 8 th March 2014	I

Academic Year 2012-2013

S.No	Name of the Student	Sex (M/F)	Name of the event	Organized by, place of the event	Date of Event	Award/ Participation
1	K. Sourabh Kulkarni J. Harika Mahendrakar	M F	Promethean 2k13	BV Raju Institute of Technology, Narsapur	14 th &15 th March 2013	I
2	K. Sourabh Kulkarni	M	Conflashunz 2k13	DVR College of Engineering &	27 th & 28 th Feb 2013	I

	J. Harika Mahendrakar	M		Technology, Hyderabad		
3	M. Ramakanth Reddy	M	Wrestling Championship	Jawahar Lal Nehru Technological University, Hyderabad	2-05-2013	II
4	S.Sri Ganesh P.Chaitanya Prasad	M M	Technical paper presentation	Vasavi College of Engineering, Hyderabad	28 th & 29 th July 2013	I
5	G. Srinivas	M	Technical paper presentation	Vaziv Sultan College, Hyderabad	12-08-2013	I
6	S.Sri Ganesh	M	National Level Chemical Quiz,	IIT Bombay	3-03-2013	I
7	M.Veda Deepika N.V.D. Madhuri	F F	Chemspark 2k12	Chaitanya Bharathi Institute of Technology, Hyderabad	24 th & 25 th Feb 2012	II
8	B.Rajesh Kumar A. Nagaraju	M M	Chemspark 2k12	Chaitanya Bharathi Institute of Technology, Hyderabad	24 th & 25 th Feb 2012	II

20. Seminars/ Conferences/Workshops Organized and the Source of Funding (National/ International) with Details of Outstanding Participants, If any.

International

S.No	Seminars/Conferences/Workshops	Funding Source	Date	Number of Participants
1	NIL	-	-	-

National

S.No	Seminars/Conferences/Workshops	Funding Source	Date	Number of Participants
1.	Rasayanika 2k16- Emerging trends in chemical and pharma industries	Industries	2 nd and 3 rd Decem ber 2016	450
2.	A Three Day-Faculty Development Program on Modeling, Simulation and Optimization of Chemical Processes	Industries	17 th -19 th Nov, 2016	30
3.	Recent trends in plastic Engineering	College	6 th Aug.20	200

			16	
4.	Rasayanika 2k15- Application of Chemical Engineering in Alternative sources of energy	Industries	8 th &9 th October 2015	430
5.	Aagama 2K16	College & Industries	9 th & 10 th March 2016	200
6.	Rasayanika 2k14-Unravel the Science in You	Industries	20 th &21 th October 2014	350
7.	Aagama 2K15	Self	19 th & 20 th March 2015	200
8.	Rasayanika 2k13-Alchemy, Omnipotent, Omnipresent	Industries	3 rd & 4 th October 2013	300
9.	Aagama 2K14	Self	7 th & 8 th March 2014	200
10.	one-week workshop on The Role of Chemical Engineers in the Fields of Biotechnology and Pharmacy in 21 st Century	IICHE Students Chapter, Hyderabad	6-10-2012 to 11-10-2012	400
11.	2-week ISTE workshop on Engineering Thermodynamics	IIT-Bombay	11-12-2012 to 21-12-2012	350
12.	Growth of Chemical Engineers in Pharma Industry by Dr. Ramesh, Executive Director, Sparkvee Chemicals Private Limited	IICHE students Chapter, Hyderabad	30-12-2013	120
13.	Recent Separation Techniques in Bio Pharma companies by Spark fine chemical Pvt ltd	IICHE students Chapter, Hyderabad	16-05-2012	120
14.	Role of Chemical Engineers in Controlling Air Pollution by Mr Deepak Kumta, MD, Sweetech Environ(India) Private Limited	IICHE students Chapter, Hyderabad	23-02-2013	120
15.	Rasayanika 2k12-The Role of chemical Engineers in the Fields of Biotechnology	Industries	12 th &13 th Oct	350

	& Pharmacy in 21 st Century		2012	
16.	Aagama 2K13	Self	3 rd & 4 th April 2013	200

21. Student Profile Course-wise

Name of the Course (refer question No.2)	Batch	Applications Received	Selected		Pass Percentage	
			Male	Female	Male	Female
UG	2015-16	Since the applications are processed by the State Council of Higher Education of the Telangana State Government, The number of applications received is not applicable but 67% seats are filled	26	13	92.3	100
	2014-15		41	11	68.29	90.9
	2013-14		41	21	80.48	100
	2012-13		48	13	84.2	90.9

22. Diversity of Students

Name of the course (refer question no.2)	Batch	% of students from the college	% of students from the state	% of students from other states	% of students from other countries
1	2012-13	-	95.24	4.76	-
2	2013-14	-	91.18	8.82	-
3	2014-15	-	97.6	2.4	-
4	2015-16	-	96.97	3.03	-

23. How many Students have cleared Civil Services, Defense Services, NET, SLET, GATE and any other Competitive Examinations?

S.No.	Name of the Competitive Examinations	Number of Students Cleared	Year
1.	GATE, PGCEt, GRE/TOEFL	19	2012-13
2.		22	2013-14
3.		15	2014-15
4.		13	2015-16

24. Students Progression

Students Progression	Percentage Against Enrolled				
		2015-16	2014-15	2013-14	2012-13
UG to PG		13	15	22	19
Employed: Campus Selection	UG	20	29	32	33
Employed: Other than Campus Selection	UG	-	-	-	-
Entrepreneurs		1	1	-	-

25. Diversity of Staff

Percentage of faculty who are graduates	UG	PG	Ph.D
of the same parent university	40%	20%	6.7%
from other universities within the state	33.33%	53.33%	6.7%
from other universities from other states	26.7%	26.7%	13.3%

26. Number of Faculty who were Awarded Ph.D., D.Sc. and D.Litt. during the assessment period

Academic Year	No of faculty who were awarded Ph.D	Details of faculty
2013	NIL	-
2014	NIL	-
2015	1	Dr. M. Mukunda Vani
2016	NIL	-

27. Present details about Infrastructural Facilities

S.No	Name of the Infrastructural Facility	Quantity/Details
1	Library	No. of Volumes – 4233 No. of Titles – 489 No. of Project Reports – 265 No. of Non Book Material – 65 CDs & NPTEL Vedio Lessons E-books – 45
2	Internet facility for staff and students	Available
3	Total number of classrooms	3
4	Classrooms with ICT facility	3 & one seminar hall
5	Students laboratories	1. Analytical Chemistry 2. Chemical Reaction Engineering 3. Process Heat Transfer 4. Chemical Engineering Fluid Mechanics 5. Mass Transfer Operations 6. Mechanical Unit Operations

		7. Process Dynamic Control 8. Process Modeling Simulation
6	Research Laboratories	One Research Laboratory

28. Number of Students of the Department getting Financial Assistance from College/Govt./other funding agencies

UG/PG	No. of Students Receiving Financial Assistance from the college	Events
UG		

29. Was any Need Assessment Exercise undertaken before the Development of New Program(s)? If so, Give the Methodology.

Yes, When the college plans to a introduce new program, an informal survey on the industrial needs, number of colleges offering the program in the state and employment prospects for the program is carried out. Based on this the College introduces the new program after obtaining approval from the statutory bodies.

30. Does the Department obtain Feedback from

a. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize it?

Yes, the department obtains feedback from the faculty on curriculum and discusses it in the department faculty meetings. The necessary modifications are made in the curriculum and syllabi after discussion and approval by the Board of Studies. Faculty also gives self-evaluation about the teaching-learning-evaluation, and this is used for the faculty performance appraisal and for ensuring improvement in the teaching learning process.

b. Students on staff, curriculum as well as teaching-learning-evaluation and what is the response of the department to the same?

Feedback on Staff:

- Students’ feedback on the faculty is obtained twice in a semester.
- Corrective measures are initiated based on the feedback.

Feedback on Curriculum:

- Feedback on the curriculum is analyzed by the Department

Feedback on Teaching-Learning-Evaluation:

- Feedback from students on teaching –learning-evaluation is used for making improvements in the teaching learning process and evaluation.

c. Alumni and employers on the programmes and what is the response of the department to the same?

- Feedback is obtained from the alumni and employers about the effectiveness of the programmes in terms of attainment of Program Outcome (POs) and Programme Educational Objectives (PEOs) to quantify the attainment and to make necessary improvements in the programmes.

31. List the Distinguished Alumni of the Department (Maximum 10)

S.No	Name of the Alumni	Batch	Current Position	Name of The Company
1	Sreevalli	2008-12	Director of Research & Development	Geo-Tech Polymers, Ohio, USA
2	Lavanya Alladi	2009-13	Sr. Executive	Water Health International, Hyderabad
3	M Trilokesh	2009-13	Asst Engineer	NeuLand Pharma Research Pvt Ltd, Hyderabad
4	CH Satyanarayana	2010-14	Jr Engineer	Hetero Labs Ltd, Medak
5	Sayyad Rafiya Tazheen	2010-14	Associate Technical Support	Tech Mahindra Business Service Group, Hyderabad
6	K Raviteja	2010-14	Graduate Engineer Trainee	Sree Rayalaseema Alkalies & Allied Chemical Pvt Ltd, Kurnool
7	NDV Madhuri	2010-14	Sr. Executive Manager	Reliance Life Science Pvt Ltd, Mumbai
8	Laxmi Padmaja	2011-15	Assistant Engineer	Biomax, Hyderabad
9	K Bharath Kumar	2011-15	Executive Trainee	Granuels India Ptd Ltd, Hyderabad
10	T Mani Kumar	2012-16	Quality Control Manager	Vandana Life Sciences Pvt Ltd, Hyderabad

32. Give details of Student Enrichment Programmes (Special Lectures / Workshops / Seminar) with External Experts

2016-17

S.No	Seminar/Workshop /Special Lecture	Title of Programme	Name & Designation of External Experts	Date of Programme
1.	Guest Lecture	Opportunities for chemical Engineering in Plastic Industry	Mr. V Kiran Kumar, Director and Head of Central Institute of Plastics	July 16 th 2016
2.	Guest Lecture	Recovery of waste heat and role of Chemical Engineers in Plastic Industry	Mr. Ullas V Parlikir, Deputy Head of geocycle India	22 th Sept, 2016

2015-16

S.No	Seminar/Workshop/ Special Lecture	Title of Programme	Name & Designation of External Experts	Date of Programme
1	Guest Lecture	Cement Industry Scenario in India	Mr. Sriranganaidu, Consultant to Cement Industry	25-07-2015
2	Guest Lecture	Future of Plastic in India	Mr. Ravi kumar Agarwal Managing Director Premier Plastic Industries, Hyderad	22-08-2015
3	Guest Lecture	Species, Herbs, Extract & Technopreneurship	Mr. Francis Kunjumin, Director-R&D for Holy Grace Academy of Engineering & Management, Hyderabad	09-09 2015
4	Invited Lecture	Energy from Waste	Dr.K.Sainath, Managing Director, Clair Industry Pvt Ltd, Hyderabad	8-10-2015
5	Invited Lecture	Role of Chemical Engineering in Alternative Sources of Energy	Mr. G.V.Sethu Raman, Chairman, Indian Institute of Chem Engineers, Hyderabad	8-10-2015
6	Invited Lecture	Importance of Solar Energy	Mr. Dr.Vijaykale, Chairman, Hyderabad Regional Center of Indian Institute of Chemical Engineers, Hyderabad	8-10-2015
7	Invited Lecture	Production of Bioethanol from Waste Materials	Mr. P. Gopal Puranik, Vice President, Biomax Life Sciences Ltd, Hyderabad	9-10-2015
8	Invited Lecture	Global Warming and its Effect on the Environment	Mr. Ramulu Scientist, Indian Institute of Chemical Technology, Hyderabad	9-10-2015
9	Workshop	Applications of Matlab & Simulink in Engineering Education	Mr. J.Prem Kumar Capricot Technologies Pvt Ltd	30-10-2015 to 31-10-2015
10	Guest Lecture	Nano technology in Chemical	Prof V Ganeshan, IIT Mumbai	23-01-2016

		Engineering		
11	Guest Lecture	Generation of Electricity from Municipal waste	Dr.Sasidhar Gumma, IIT Guwahati	20-02- 2016
12	Guest Lecture	Role of chemical engineers in pharma industry	Mr. Ravi Managing Director, Reliable Remedies Pvt Ltd, Hyderabad	19-03-2016
13	Guest Lecture	Latest trends in chemical reaction Engineering	Prof R.Krishaih, IIT Chennai	2-04-2016

2014-15

S.No	Seminar/Workshop /Special Lecture	Title of Programme	Name & Designation of External Experts	Date of Programme
1	Guest Lecture	Role of chemical Engineers in Pesticide Industry Ltd,Lucknow	Mr. D.K.Jain. President, India Pesticides Ltd, Kolkata	22-08-2014
2	Guest Lecture	Development of Enzymes for Conversion Sugar Canes to Bio Diesel	Mr.Pradeep Kumar, Senior Scientist, Indian I nstitute of Chemical Technology, Hyderabad	19-09-2014
3	Guest Lecture	Water Purification using Silver Nanoparticles on plasma research	Mr. V Srikanth , Scientist, ACC Cement Ltd, Wadi	22-09-2014
4	Invited Lecture	Importance of Chemical Engineers in nuclear field	Dr.Sheela, Scientist Nuclear Fuel Complex, Hyderabad	20 -10-2014
5	Invited Lecture	Motivation for Young Engineers	Dr. Rama Reddy	20 -10-2014
6	Invited Lecture	Chemical Engineers in bio Technology industry	Dr. Vijaya Kale Vice chairman IChE, Hyderabad Regional Chapter.	21-10-2014
7	Invited Lecture	Role of Chemical Engineers in Pharma industry	Prof. R. Sridhar Rao, Vice chairman, IChE, Hyderabad Regional Chapter, Hyderabad	21-10 -2014

8	Guest Lecture	Role of Chemical Engineers in Pharma Industry	Dr. P. Ramesh, Managing Director Spark-Vee Chemicals Ltd, Hyderabad	30-01-2015
9	Guest Lecture	Enterpreunership in chemical Industry	Mr.Vijay kumar, Managing Director, AVA BioTech Ltd , Hyderabad	27-02-2015
10	Guest Lecture	Catalysis	Prof Ganeshan, IIT Bombay	13-03-2015
11	Guest Lecture	Role of Chemical Engineers in Biotechnoly	Dr.Sainath , Managing Director, Clair Engg Pvt Ltd, Hyderabad	26-03-2015

2013-14

S.No	Seminar/Wor kshop/Special Lecture	Title of Programme	Name & Designation of External Experts	Date of Programme
1	Guest Lecture	Chemical engineers role in Pharma industry	Dr. Rama Rao, Dr Reddy's Laboratories Ltd, Hyderabad	27-07-2013
2	Guest Lecture	Role of Chemical Engineering in bio-tech industries	Mr. Kiran Kumar President GVK-Bio tech Ltd, Hyderabad	24-08-2013
3	Guest Lecture	Chemical Engineers role in Fabrications	Mr. Bhaskar Reddy, Enfab Ltd, Hyderabad	28-09-2013
4	Guest Lecture	Enzymes in bio-tech industries	Mr. Vijay AVA Bio-Tech Ltd, Hyderabad	28-12-2013
5	Guest Lecture	Chemical Engineers and Environment	Dr. Sai Nath, Sr Scientist, Indian Institute of CVchemical Technology, Hyderabad	25-01-2014
6	Guest Lecture	Bio-Technology and Chemical Engineers	Dr. R. Ravinder, Celestial Bio-Lab Ltd, Hyderabad	22-02-2014
7	Guest Lecture	Innovation in Chemical Engineering	Dr. S. K. Joshi Director, International Advanced Research Centre for Powder Metallurgy & New Materials, Hyderabad	29-03-2014

2012-13

S.No	Seminar/ Workshop/ Special Lecture	Title of Programme	Name & Designation of External Experts	Date of Program me
1	Guest Lecture	Entrepreneurship for Chemical Engineers	Vijay, Managing Director, AVA Biotech Ltd, Hyderabad	07-07-2012
2	Guest Lecture	Role of Chemical Engineers in Pharmaceutical Industries	Dr Kiran Kumar, President, GVK Biotech, Hyderabad	21-07-2012
3	Guest Lecture	Role of Chemical Engineers in Nanotechnology	Srikanth Joshi, Director, ASRC, Hyderabad	6-10-2012
4	Guest Lecture	Role of Chemical Engineers in Controlling Air Pollution	Mr Deepak Kumta, MD, Sweetech Environ(India) Pvt Ltd, Hyderabad	10-02-2013
5	Guest Lecture	Growth of Chemical Engineers in Pharma Industry	Dr. Ramesh, Executive Director, Sparkvee Chemicals Pvt Ltd, Hyderabad	22-02-2013

33. List the Teaching Methods adopted by the Faculty for Different Programmes.

Implementing ICT Techniques, Chalk and Board, NPTEL, MOOC, tutorials and remedial classes , seminars, workshops, field visits, etc.

34. How does the Department Ensure that Programme Objectives are constantly met and Learning Outcomes monitored?

The attainment of programme objectives and the learning outcomes are ensured through proper curriculum design.

The curriculum is designed with various theory, laboratory and elective courses to meet the Programme Educational Objectives, Programme Outcomes and Course Outcomes.

The Course Outcomes are clearly defined to ensure that the courses are aligned with the Programme Outcomes.

The attainment analysis of Programme Educational Objectives are done through the indirect assessment tools such as Survey, Employer Survey and collection of inputs from Focus Groups meetings

Through regular interaction among the course instructors and domain coordinators, the efforts are more to ensure the attainment of outcomes

Programme Outcome Attainment Assessment is performed through Direct Assessment Tools such as Course Outcome attainment, rubrics for analyzing open ended tasks, student portfolio and performance of students in national and international level exams. Indirect Assessment Tools such as Exit Survey and Employer survey are also used.

The attainment of Course Outcomes is monitored through the Direct Assessment tools such as Assignment, Seminar, test, mini-project, case studies, group task, presentations and lab courses

Highlight the Participation of Students and Faculty in Extension Activities.

As a part of co-curricular activities, the department is conducting many fests such as National Level Technical Fest at the departmental level, Rasayanika and National Level Technical Fest at the institute level, Agama, sports activities, NSS activities etc. to attain our Program Educational Objectives. We believe that these technical fests are meant for attaining better knowledge of the subjects and which leads to the better communication skills among the students. These fests gear up and encourage Group Discussion etc among students. so that they can design a system, component process to meet desired needs within realistic constraints such as economic and environmental, social, political, ethical, health and safety, manufacturability and sustainability. Staffs are encouraged to participate in seminars and symposia.

Students:

Students from the department have a very active participation in several extension events as a part of National Service Scheme (NSS).

National Integration Camp by Regional Directorate of NSS, Lucknow was conducted from 13th to 19th June 2016 in collaboration with Dr. B. R. Ambedkar University, Agra at Dr. M. P. S. Memorial College of Business Studies, Agra. Out of 10 students from Telangana State 5 students belong to our college and one of the students is Ms. Harini, III year is from Chemical Engineering Department.

Our II-year students of chemical engineering organized a summer camp named AARAMBH from 2nd May to 11th May 2016 for the children of Zilla Parishad High School, Koremmula Village educating them in several aspects. 20 students from the class have participated in the event.

S.No	Details of programs organized	Activity	Participation	Guest details
1	Blood Donation Camp	53rd National Pharmacy Week BLOOD DONATION CAMP on 21-11-2014 and donated 161 units Blood.	Anurag Group of Institution & School of Pharmacy in Association with NSS volunteers	Prof. M. Bhagvanth Rao, Dr. Vasudha Principal Lalitha Pharmacy, Dr. A. P. Rao, S. Krishna NSS Officer
2	National Unity Day	National Unity Day celebrated by National Service Scheme at Anurag Group of Institutions on 30-10-2014	NSS volunteers	T. Ravinder CI Ghatkesar and D. Lingaiah SI Ghatkesar
3	Eco-Friendly Ganesha	Anurag NSS Organised Eco-Friendly Ganesha Environment Protection Awareness Rally on 26-08-2014	NSS volunteers and students of AGI	

And many other events are also organized.

35. Give details of “beyond syllabus scholarly activities” of the Department.

- Special courses based on industrial needs
- Self study electives
- Value added courses beyond office hours National Conferences
- Student Project contests
- Paper Presentation
- Contest for industry defined problems
- Industry internships
- Industrial visits
- Mini projects
- Technical seminars
- Open house exhibitions

36. State whether the Programme /Department is Accredited/Graded by the other Agencies. Give details

B. Tech Chemical Engineering has been accredited under Tier-I for three years by NBA with effect from 2015.

37. Detail any Five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the Department

Strengths

- Good visionary management, highly qualified, committed, experienced faculty.
- Focused towards Research activities and more number of PhD holders in the department.
- Active participation of students in professional bodies such as Indian Institute of Chemical Engineers, Indian Society for Technical Education and participation in national level competitions like student CHEMCON.
- Autonomous status, NBA accreditation, Research Center, research programs in the department.
- Well-equipped department library and digital library facility to access e-books and journals.
- Sufficient industrial visits and value added courses like MATLAB to enrich the practical knowledge of the students.
- Good campus placements and achievement in the past years.

Weakness

- Introducing and Strengthening PG programs
- Best students of the region are not opting for Chemical Engineering Course

Opportunities

- Starting new cutting-edge post graduate programs
- Enhance research activities through sponsored R&D projects. Establishing the centre of excellence in emerging areas.
- Possible to change the curriculum as and when required.
- Networking with premier institutes and Industry for advanced, applied research and academic interaction through MoUs.
- Catering to all sections of the society
- Alumni Networking for Academic and placement activities.
- Many alumni are offering substantial support to the Alma Maters.

Challenges

- Mushrooming of to new upcoming private Engineering colleges leading to more competition
- Possibility of declining quality of students admitted because of the extremely large number of institutes that are being setup.
- Decrease in availability of quality faculty with passion for teaching

38. Future Plans of the Departments

- To establish center of excellence in different fields of Chemical Engineering and Chemical Technology.
- To conduct FDPs, Work Shops and Conferences to strengthen skills among faculty member.
- To carrying out at least 8 consultancy projects from Industries
- To have 100% of the faculty members with PhD qualification in 4 years
- Obtaining at least two funded projects per year

Evaluative Report of the Computer Science and Engineering (CSE) Department

1. Name of the Department & its Year of Establishment:

Name of the Department : Computer Science and Engineering

Year of Establishment : 2002

2. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters, Integrated Ph.D., etc.)

S No	Name of the Programmes offered	Remarks
1	B.Tech Computer Science & Engg.	UG
2	M.Tech Computer Science & Engg.	PG
3	M.Tech Computer Science	
4	M.Tech Software Engineering	

3. Interdisciplinary courses and departments involved

S.No	Name of the Course	Name of the Department offering Course(s)
B.Tech. Computer Science and Engineering		
Theory Courses		
1	1. English – I 2. English – II 3. Essential English & Employability Skills (Open Elective-II) 4. Business English(Open Elective-II)	English
2	5. Mathematics – I 6. Mathematics – II 7. Mathematics – III 8. Probability and Statistics 9. Discrete Mathematics	Mathematics
3	10. Engineering Physics –I 11. Engineering Physics –II	Physics
4	12. Engineering Chemistry	Chemistry
5	13. Environmental Studies	Chemical Engineering
6	13. Electronic Devices and Circuits 14. Digital Logic Design	Electronics & Communication Engineering
7	15. Logical Reasoning and Quantitative Aptitude – I (Mandatory Course) 16. Logical Reasoning and Quantitative Aptitude – II(Mandatory Course)	Training & Placement Office
8	17. Basic Electrical Engineering	Electrical & Electronics Engineering
9	18. NSS/NSO(Mandatory Course) 19. Gender Sensitization(Mandatory Course) 20. Management Science (Open Elective-I)	MBA

	21. Entrepreneurship Development (Open Elective-I) 22. Managerial Economics and Financial Analysis(Open Elective-I) 23. Fundamentals of Budget (Open Elective-II) 24. Project Management(Open Elective-II) 25. Project Management (Open Elective-III) 26. Negotiation Skills (Open Elective-III) 27. Value Engineering(Open Elective-III)	
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S No	Name of the Course	Name of the Department offering Course(s)
B.Tech. Computer Science and Engineering		
Practical Courses		
I.	1. English Language Communication Skills Lab – I 2. English Language Communication Skills Lab - II 3. Advance English Communication Skills Lab 4. Personality Development and Soft Skills Lab 5. Personality Development and Career Building Lab	English
II.	6. Engineering Chemistry Lab	Chemistry
III.	7. Engineering Physics Lab	Physics
IV.	8. Engineering Workshop 9. Engineering Graphics	Mechanical Engineering
V.	10. Electronic Devices and Electrical Circuits Lab	Electronics & Communication Engineering, Electrical & Electronics Engineering

4. Annual/ Semester/Choice Based Credit System:

- Implementation of semester wise Choice-Based Credit system.

5. Participation of the department in the courses offered by other departments

S. No	Interdisciplinary Courses offered	Name of the Departments Involved
1	Computer Programming – I Computer Programming – II Computer Programming – I Lab Computer Programming – II Lab Object Oriented Programming through Java Computer Networks Relational Data Base Management System Cloud Computing & Internet of Things	Electronics & Communication Engineering

	Software Engineering Operating Systems Computer Organization Real Time Operating Systems (Elective)	
2	Computer Programming – I Computer Programming – I Lab Computer Programming – II Computer Programming – II Lab Principles of Data Base Management Systems Object Oriented Programming and Java	Electrical & Electronics Engineering
3	Computer Programming – I Computer Programming –I Lab Computer Programming –II Computer Programming – II Lab	Mechanical Engineering, Civil Engineering, Chemical Engineering, B. Pharmacy

6. Number of Teaching Posts Sanctioned and Filled

(Professors/Associate Professors/ Asst. Professors)

S. No	Teaching Post	Sanctioned	Filled
1	Professors	5	5
2	Associate Professor	10	10
3	Assistant Professors	50	50

7. Faculty Profile with Name, Qualification, Designation, Specialization (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

S. No.	Name of the Faculty	Qualification	University	Designation	Specialization	Total Experience in Years	Ph. Ds guided in last 4 years
1	Prof V. Vijaya Kumar	Ph.D	JNTUH	Professor	Image Processing and Big Data Analytics	30	12
2	Dr. G.Vishnu Murthy	Ph.D	JNTUH	Professor	Software Engineering	18	
3	Dr. M.VaraprasadRao	Ph.D	SVU	Professor	Big Data	16	
4	Dr. ShireenaSamreen	Ph.D.	JNTUH	Professor	Network Security	12	
5	Dr. A.Prashantha Rao	Ph.D.	JNTUH	Professor	Data Engineering	22	
6	D V R Prasad	M.Tech	OU	Asso Prof	Image Processing	16	
7	Mrs.M.Sridevi	M.Tech	JNTUH	Asso Prof	Data Mining	12	
8	Mrs M.Madhavi	M.Tech	JNTUH	Assoc Prof	Data Security	12	
9	Mrs N.SwapnaGoud	M.Tech	JNTUH	Asso Prof	Data Mining & Security	11	

10	Ms.B. Jyothi	M.Tech	JNTUH	Asso Prof	Data Mining	8	
11	Mr.V Rama Krishna	M.Tech	JNTUH	Asso Prof	Data Mining	8	
12	Mrs P.Srilatha	M.Tech	JNTUH	Asso Prof	BigData	8	
13	MsP.Rajeshwari	M.Tech	OU	Asst Prof	Cloud Computing and Big Data	11	
14	Mr.P.RajaSekhar Reddy	M.C.A., M.Tech.	JNTUH	Asst Prof	Cloud Computing, Big Data	10	
15	Mr.K.Shailaja	M.Tech	JNTUH	Asst Prof	Image Processing	10	
16	Mrs V.Jyothi	M.Tech	JNTUH	Asst Prof	Image Processing & Big Data	9	
17	Mrs G. Sudeepthi	M.Tech	ANU VIJAY WADA	Asst Prof	Data Warehousing and Data Mining	9	
18	Mrs B. Ujwala	M.Tech	JNTUH	Asst Prof	Image processing	9	
19	Mr.A. Obulesu	M.Tech	JNTUH	Asst Prof	Image Processing	9	
20	Mr. Madar Bandu	M.Tech	JNTUH	Asst Prof	Data Structures	9	
21	Mr.J. Shiva Prashanth	M.Tech	JNTUH	Asst Prof	Network Security	8	
22	Mr.G Bala Krishna	M.Tech	JNTUH	Asst Prof	Digital Image Processing	8	
23	Mr.G. Balram	M.Tech	JNTUH	Asst Prof	Data Mining	8	
24	Mr.Jayendra Kumar	M.Tech	JNTUH	Asst Prof	Data Mining	8	
25	Mr.K.RaghavendraRao	M.Tech	JNTUA	Asst Prof	Networking	8	
26	Mr.C Rama Krishna	M.Tech	ANU	Asst Prof	Big Data	8	
27	Mr.Ch. Naveen Kumar Reddy	M.C.A., M.Tech.	JNTUH	Asst Prof	Data Security	8	
28	Mr.P.RavinderRao	M.Tech	IETE DELHI	Asso Prof	Cloud Computing	7	
29	Mr.V. Amarnadh	M.Tech	JNTUH	Asst Prof	Big Data	7	
30	Mr.B.Ravinder Reddy	M.Tech	OU	Asso Prof	Cloud Computing	6	
31	Ms A.Jyothi	M.C.A., M.Tech.	JNTUH	Asso Prof	Cloud Computing	6	
32	Ms G Lavanya	M.Tech	JNTUH	Asst Prof	Cloud and Software Engineering	6	
33	Mr.G Kiran Kumar	M.Tech	JNTUH	Asst Prof	Digital Image Processing	6	
34	Ms G.BinduMadhavi	M.C.A., M.Tech.	JNTUH	Asst Prof	Information Retrieval	6	
35	Mr.A Mallikarjuna Reddy	M.Tech	NIT Calicut	Asst Prof	Digital Image Processing	5	
36	Mr.K.Srinivas	M.Tech	JNTUH	Asst Prof	Big Data	5	
37	Mr.R.RavinderNaik	M.Tech	JNTUH	Asst Prof	Big Data Analytics	5	
38	Ms P.VinayaSree	M.Tech	JNTUH	Asst Prof	Data Mining	5	
39	Ms T.Veda Reddy	M.Tech	JNTUH	Asst Prof	Data Structures	4	
40	Ms A.DurgaBhavani	M.Tech	JNTUH	Asst Prof	Distributed Computing	4	

41	Mr.M.Ravi Kishore	M.Tech	JNTUK	Asst Prof	Big Data	3	
42	Ms A. Spandana	M.Tech	JNTUH	Asst Prof	Cloud Computing	2	
43	Mr.K.Naresh	M.Tech	JNTUH	Asst Prof	Big Data	1	
44	Mr.P.Praveen	M.Tech	JNTUH	Asst Prof	Data Mining	1	
45	Ms K.Jyothirmai	M.Tech	JNTUH	Asst Prof	Cloud Computing	1	
46	Ms K.SrujanaSree	M.Tech	JNTUH	Asst Prof	Big Data	1	
47	Ms Ch.Hyma	M.Tech	JNTUH	Asst Prof	Image Processing	1	
48	Ms K.Sravani	M.Tech	JNTUH	Asst Prof	Data Mining	1	
49	Mr.K.Sravan Kumar	M.Tech	JNTUH	Asst Prof	Data Mining	1	
50	Mr.N.Ravi	M.Tech	JNTUH	Asst Prof	Software Engineering	1	
51	Ms J.Jeeshitha	M.Tech	JNTUK	Asst Prof	Computer Networks	1	
52	Ms M.Sowjanya	M.Tech	JNTUH	Asst Prof	Data Security	0	
53	Ms K.Shanthi Latha	M.Tech	JNTUH	Asst Prof	Big Data	0	
54	Ms S.Shiva Kumar	M.Tech	JNTUH	Asst Prof	Cloud Computing	0	
55	Mr.D.Suresh	M.Tech	JNTUH	Asst Prof	Big Data	0	
56	Ms.E.Lakshmi Prasanna	M.Tech	OU	Asst Prof	Computer Networks	0	
57	Mr.Boya Hussain	M.Tech	JNTUH	Asst Prof	Networking	0	
58	Ms M.Supriya	M.Tech	JNTUH	Asst Prof	Data Security	0	
59	Ms G.Sreeja	M.Tech	JNTUH	Asst Prof	Data Mining	0	
60	Mr.P.Sreenivasulu	M.Tech	JNTUH	Asst Prof	Big Data	0	
61	Ms K.V.V.S.Pravallika	M.Tech	JNTUH	Asst Prof	Big Data	0	
62	Ms S.Deepika	M.Tech	JNTUH	Asst Prof	Computer Networks	0	
63	Mr.T Satish	M.Tech	JNTUH	Asst Prof	CSE	0	
64	K.Revathi	M.Tech	JNTUH	Asst Prof	CSE	0	
65	S.Swetha	M.Tech	JNTUH	Asst Prof	CSE	0	

8. Percentage of Classes taken by Temporary Faculty – Programme-wise Information

Nil

9. Programme-wise Student Teacher Ratio

S.No.	Programme	Student Teacher Ratio
1	U.G – B.Tech Computer Science and Engineering	15:1
2	P.G – M.Tech Computer Science and Engineering	12:1
3	P.G – M.Tech Computer Science	12:1
4	P.G – M.Tech Software Engineering	12:1

10. Number of Academic Support Staff (Technical) and Administrative Staff: Sanctioned and Filled

S No	Staff Category	Sanctioned	Filled
1	Administrative Staff	2	2
2	Academic Support Staff (Technical)	11	11

11. Number of Faculty with ongoing Projects from a) National b) International Funding Agencies and c) Total Grants Received. Mention Names of Funding Agencies and Grants Received Project-wise.

S. No	Tittle of the Project	National Funding Agency	Grant Received	Year
1	Online Messenger Identification Based on Stylometric Features of the Author	UGC	1.3 Lakhs	Oct 2016

12. Departmental Projects Funded by DST-FIST; DBT, ICSSR, Etc.; Total Grants Received

Nil

13. Research Facility / Centre with

State Recognition

- The department has well equipped separate R&D laboratory named “Centre for Advanced Computational Research” (CACR). At present the research work going on various domains such as Computer Vision, Image & Video processing and Image Analytics, Security in Cloud and Data analytics in CACR. Dr. G. Vishnu Murthy, Professor and Head completed his Ph.D, under the guidance of Dr. V. Vijaya Kumar, Dean CSE from JNTUH, under CACR, AGI.
- Twelve research scholars/faculty of various institutes of Telegana and Andhra Pradesh state worked in CACR Labs under the guidance of Dr.V.Vijaya Kumar and obtained Ph.D degree from reputed universities.
- More than 50 research papers are published through CACR.

National Recognition

- Dr. V. Vijaya Kumar is the recognized supervisor by JNTUH, JNTUK, ANU, JNTUA, and Mysore University etc.

International Recognition:

- The papers published under the research centre are indexed in Google Scholar, Scopus and Thomson Reuters.

14. Publications

Publication Details of the faculty.

S No	Year	Papers published by the faculty in International / National Journals	Papers published by the faculty in International / National Conferences
1	2012-13	39	01
2	2013-14	34	01
3	2014-15	47	01
4	2015-16	27	14
5	2016-till date	20	15

1	Book Chapters	02
2	Citation Index- Range/ average	Range: 0-41
3	Impact Factor- Range/ average	Range:0.2 to 4.34 Average: 1.62
4	h- index	0-16

Faculty Publications for the Academic Year 2012-13

International Journals				
SNo	Author	Title of the paper	Name of the Journal	Volume no; issue no; pages; year of publication; ISSN number
1	Mr. G. Vishnu Moorthy, Mr.V.Amarnath	Using Network Security Management to Solve Boolean Satisfiability Problem	International Journal of Computer Science and Information Technologies	3;2; 3672-3677; 2012; 0975-9646
2	Mr. J Shiva Prashanth, Mr. G. Vishnu Moorthy	Automation of Network Protocol Analysis	International Journal of Computer Trends and Technology	3;3; 458-462 2012; 2231-2803
3	Mrs. Swapna Goud.N, Mr. G. Vishnu Moorthy	Simple Overview on Cloud Computing	International Journal of Computer Science and Information Technologies	3;5; 5071-5073; 2012; 0975-9646
4	Mr. Ch. Naveen Kumar Reddy, Mr. G. Vishnu Moorthy	Evaluation of Behavioral Security in Cloud Computing	International Journal of Computer Science and Information Technologies	3;2; 3328-3333 2012; 0975-9646
5	Dr. V. Vijaya Kumar	Texture Analysis and Classification based on Fuzzy Triangular Grey Level Pattern and Run-Length Features	Global Journal of Computer Science and Technology Graphics & Vision	12;15; 16-23; 2012; 0975-4172
6	Dr.V.Vijaya Kumar	A New Texture based Segmentation Method to Extract Object from Background	Global Journal of Computer Science Technology Graphics & Vision,	12;15; 46-54; 2012; 0975-4172
7	Dr.V.Vijaya Kumar	Local Content based Image Authentication for Tamper Localization	International Journal of Image, Graphics and Signal Processing,	9; 30-36, 2012; 2074-9082

8	Dr.V.Vijaya Kumar	Texture Synthesis based on Image Resolution Enhancement Using Wavelet Transforms	(IJCSIS) International Journal of Computer Science and Information Security	10; 4; 60-64; 2012; 1947-5500
9	Dr.V.Vijaya Kumar	A New Logical Compact LBP Co-Occurrence Matrix for Texture Analysis	International Journal of Scientific & Engineering Research	3;2; 1-5; 2012; 2229-5518
10	Dr.V.Vijaya Kumar	Novel Texture Synthesis Algorithm Using Patch Matching by Fuzzy Texture Unit	International Journal on Computer Science and Engineering (IJCSE)	4; 01; 79-86; 2012; 0975-3397
11	Dr.V.Vijaya Kumar	A Significant Root Leaf Wavelet Tree (SRLWT) Image Watermarking Technique based on Tree Quantization	International Journal of Scientific and Research Publications,	2; 4; 1-5; 2012; 2250-3153
12	Dr.V.Vijaya Kumar	A Simple Block based Content Watermarking Scheme for Image Authentication and Tamper Detection	International Journal of Soft Computing and Engineering (IJSCE)	2; 4; 113- 117; 2012; 2231-2307
13	Dr.V.Vijaya Kumar	Block based Image Fusion Technique Using Lifting Wavelet Transform and Neural Networks on Medical Images	International Journal of Computer Science and Information Technology & Security (IJCSITS)	2;5; 980-986; 2012; 2249-9555
14	Dr.V.Vijaya Kumar	Fuzzy based Chaotic and Logistic Method for Digital Watermarking Systems	International Journal of Scientific & Engineering Research	3;6, 1-7; 2012; 2229-5518
15	Dr.V.Vijaya Kumar	Learning Number of Clusters in Unlabeled Dataset using Rotation Estimation	International Journal of Engineering Research and Applications (IJERA)	2;2; 041-045; 2012; 2248-9622
16	Dr.V.Vijaya Kumar	Image Classification based on Centre Symmetric Fuzzy Texture Unit Matrix	International Journal of Scientific & Engineering Research	13;11; 5- 12; 2012; 2229-5518
17	Dr.V.Vijaya Kumar	Medical image Denoising based on Multi Resolution Analysis Using Wavelet	(Coimbatore Institute of Information Technology) International journal of Digital Image processing	4;1; 44-48 2012;
18	Dr.V.Vijaya Kumar	Innovative Segmentation Approach based on Left Right Texture Matrix	International Journal of Soft Computing and Engineering (IJSCE)	2;5; 229- 233; 2012; 2231-2307
19	Dr.V.Vijaya Kumar	Integrated Normalized Content System for Efficient Watermarking	International Journal of Computer Applications	53;15; 33- 39, 2012; 0975-8887

20	Dr.V.Vijaya Kumar	Texture Analysis and Classification based on Fuzzy Triangular Grey Level Pattern and Run-Length Features	Global Journal of Computer Science and Technology Graphics & Vision	2;15; 16-24; 2012; 0975-4172
21	Dr.V.Vijaya Kumar	A Novel Hybrid Clustering Algorithm: Integrated Partitional and Hierarchical Clustering Algorithm for Categorical Data	International Journal of Computer Science and Emerging Technology	3;5; 138-146; 2012; 2044-6004
22	Dr.V.Vijaya Kumar	Innovative Modified K-Mode Clustering Algorithm	International Journal of Engineering Research and Applications (IJERA)	2; 4; 390-398; 2012; 2248-9622
23	Dr.V.Vijaya Kumar	Text based Shape Features on Local Binary Pattern for Age Classification	International Journal of Image, Graphics and Signal Processing	7; 54-60; 2012; 2074-9082
24	Dr.V.Vijaya Kumar	Texture Classification based on Text on Features	International Journal of Image, Graphics and Signal Processing	8; 36-42; 2012, 2074-9082
25	Dr.V.Vijaya Kumar	Intelligent & Adaptive Image Denoising based on Wavelets with Shrinkage Rule	International Journal of Information & Computation Technology	2; 2; 89-101; 2012; 0974-2239
26	Dr.V.Vijaya Kumar	Video Denoising based on SWT & DWT Implemented with Soft Shrinkage Rule	(Coimbatore Institute of Information Technology) International Journal of Digital Image Processing	4;6; 317-326, 2012; 0974-9691
27	Dr.V.Vijaya Kumar	Improved Block based Feature Level Image Fusion Technique Using Multi Wavelet with Neural Network	International Journal of Soft Computing and Engineering (IJSCE)	2; 4; 265-271, 2012, 2231-2307
28	Dr.V.Vijaya Kumar	An Efficient Block based Feature Level Image Fusion Technique using Wavelet Transform and Neural Network	International Journal of Computer Applications	52;12; 13-19, 2012; 0975 – 8887
29	Dr.V.Vijaya Kumar	Improved Block based Feature Level Image Fusion Technique Using Contourlet with Neural Network	International Journal Signal & Image Processing (SIPIJ)	3;4; 203-214, 2012; 2229 – 3922
30	Dr.V.Vijaya Kumar	Image Watermarking based on Simplified Significant Wavelet Tree Quantization	International Journal of Computer Science and Information Security	10; 2; 64-70; 2012; 1947-5500

31	Dr.V.Vijaya Kumar	Sorted Pixel Value Difference on Fuzzy Watermarking Scheme	Global Journal of Computer Science and Technology	12; 4; 40-46; 2012; 0975-4172.
32	Dr.V.Vijaya Kumar	Significant Wavelet Hierarchical Approach Using Even Odd Method for Watermarking	International Journal of Scientific & Engineering Research	3; 4; 1-4; 2012; 2229-5518
33	Dr.V.Vijaya Kumar	Complete Qualified Significant Wavelet Tree Quantization for Image Watermarking	International Journal of Computer Science and Technology	3; 2; 527-533; 2012; 0976-8491
34	Dr.V.Vijaya Kumar	Region based Even Odd Watermarking Method with Fuzzy Wavelet	International Journal of Computer Science Engineering (IJCE)	2; 8; 16-22, 2012; 2250-3439
35	Dr.V.Vijaya Kumar	Medical Image Denoising based on Stationary Wavelet transform and Soft shrinkage Rule	International Journal of Digital Signal Processing	4;3; 106- 110; 2012; 0974-9705
36	Mrs. Swapna Goud.N, Dr. G. Vishnu Moorthy	An Efficient Approach for Template Extraction	International Journal of Computer Science and Engineering Technologies	3;8; 348-352; Aug 2012; 2229-3345
37	Mr. P.Ravinder Rao, Mr. P.Raja Sekhar Reddy	Query Decomposition and Data Localization Issues in Cloud Computing	International Journal of Advanced Research in Computer Science and Software Engineering	2; 9; 429-437; Sep 2012; 2277 128X
38	Mr. B. Ravinder Reddy	Computing cluster over multi clouds	International Journal of Advanced Information and Research	1;5; 95-97; Oct -2012; 2278-7784
39	Mr. B. Ravinder Reddy	Efficient Usage of Infrastructure Clouds	International Journal of Advanced Information and Research	2;5; 87-89; Oct 2012; 2278-7784

Conferences				
1.	Mr.J.Shiva Prashanth	Revised Genetic Hash Algorithm -256	Pearl Jubilee International Conference on Navigation & Communication", NAVCOM	2012

Faculty Publications for the Academic Year 2013-14

International Journals				
S No	Author	Title of the paper	Name of the Journal	Volume no; issue no; pages; year of publication; ISSN number
1	Dr.V.Vijaya Kumar	Pattern based Dimensionality Reduction Model for Age Classification	International Journal of Computer Applications	79; 13; 14- 20; 2013; 0975-8887
2	Dr.V.Vijaya Kumar	Morphology based Technique for Texture Enhancement and Segmentation	Signal & Image Processing : An International Journal (SIPIJ)	4; 1; 49-56; 2013; 2229 - 3922
3	Dr.V.Vijaya Kumar	Hierarchical-Edge based Torus Automorphism for Digital Watermarking	International Journal of Science, Engineering and Technology Research (IJSETR)	2; 2; 390-395; 2013; 2278-7798
4	Dr.V.Vijaya Kumar	Fuzzy based Image Dimensionality Reduction using Shape Primitives for Efficient Face Recognition	Journal on Image and Video Processing	04; 02; 695-701; 2013; 0976-9102
5	Dr.V.Vijaya Kumar, Mr.A. Obulesu	Age Classification based on Simple LBP Transitions	International Journal on Computer Science and Engineering (IJCSE)	5; 10; 885-893; 2013; 0975-3397
6	Dr.V.Vijaya Kumar	A Novel Approach for Texture Segmentation based on Rotationally Invariant Patterns	International Journal of Computer Engineering & Science	2; 2; 1-6; 2013; 2231-6590
7	Dr.V.Vijaya Kumar	Generation of An Efficient Digital Watermark Key based on Honey Comb Polynomial Interpolation Approach	International Journal of Computer Network and Information Security	3; 47-55; 2013; 2074-9090.
8	Dr.V.Vijaya Kumar	A New Texture Segmentation Approach for Medical Images	International Journal of Scientific & Engineering Research	4;1; 1-5; 2013; 2229-5518
9	Dr.V.Vijaya Kumar	A New Approach for Texture Segmentation Using Gray Level Textons	International Journal of Signal Processing, Image Processing and	6;3; 81- 89; 2013;

			Pattern Recognition	2005-4254
10	Dr.V.Vijaya Kumar	Wavelet based Histogram Method for Classification of Textures;	International Journal of Computer Engg&Tech (IJCET)	4;3; 149-164; 2013; 0976- 6375
11	Dr.V.Vijaya Kumar	A Color-Texture based Segmentation Method To Extract Object From Background	International Journal of Image, Graphics and Signal Processing	3; 19-25; 2013; 2074-9074
12	Dr.V.Vijaya Kumar	Age Classifications based on Second Order Image Compressed and Fuzzy Reduced Grey Level (SICFRG) Model	International Journal on Computer Science and Engineering (IJCSE)	5; 06; 481- 492; 2013; 0975-3397
13	Mr. B. Ravinder Reddy	Secure Verification Using Data Possession in Cooperative Network	Global Journal for Advanced Engg Technologies (GJAET)	2; 4; 2013; 2277-6370
14	Mr. Dasu Vaman Ravi Prasad	Improving Integer Operation based Reversible Data Hiding by Proposed Binary Codes.	International Journal of Computer Science Information and Engineering.	3;3; 1-7; 2013; 2277-4408
15	Mrs. N.Swapna Goud	Software Security Architectures-Architecture Mining	International Journal of Computer Applications (IJCA),	2;3; 32-36; 2013; 2320-0804
16	Mr. G. Balram	Optimization-based Distributed Algorithms for Mobile Data Gathering in Wireless Sensor Networks	International Journal of Communication Network and Security	2;2; 30-37; 2013; 2231-8182
17	Dr. G. Vishnu Moorthy	An Efficient Strategies of Assurance based Data Deletion	International Journal on Review of Recent Electronics Science	1;4; 362-366; Aug 2013; 2321-5461
18	Mrs. V. Jyothi	An Effective Strategy of Vote based Streaming and Interactive Performance	International Journal of Reviews on Recent Electronics and Computer Science	1;4; 358-361; Aug 2013; 2321-5461
19	Mr. V. Rama Krishna	Internet Routing with Light Weight Route Attestation	International Journal of Engineering and Computer Science	2;8; 2565-2568; Aug 2013; 2565-2568
20	Ms V. Jyothi	An Effective Strategy of VOD based Strategy Interactive Performance	International Journal of Reviews on Recent Electronics and Computer Science	1;4;358-361; Aug 2013; 2321-5461
21	Mr. G. Prabhakar Raju	Anonymization Techniques for Data Privacy in Social Networks	International Journal of Latest Trends in Engineering and Technology	3;1; 358-364 Sep 2013; 2278-621x
22	Mr. Dasu Vaman Ravi Prasad	An Improved Invisible Watermarking Technique	International Journal of Advance Research In	3;9; 284-290;

		for Image Authentication	Computer Science and Software Engineering	Sep 2013 2277-128x
23	Mr. Dasu Vaman Ravi Prasad	Lung Cancer Detection using Image Processing Techniques	International Journal of Latest Trends In Engineering and Technology	3;1; 372-378 Sep 2013 2277-128x
24	Mr. Dasu Vaman Ravi Prasad	An Improved Invisible Watermarking Technique for Image Authentication	International Journal of Research in Commerce, IT and Management.	3;9; 76-82; Sep 2013; 2231-5756
25	Mrs. S. Kalyani	Document Clustering Using Multi-View Points	International Journal of Latest Trends in Engineering and Technology	3,1; 283-287; Sep 2013; 2278-621x
26	Mrs. B. Ujwala	Answering Xml Query using Tree based Association Rules	International Journal of Latest Trends in Engineering and Technology	3;1; 326-333; Sep 2013; 2278-621x
27	Mrs. G.Lavanya	Effective Mechanism for Secure Query Processing using an Efficient Protocol	International Journal of Engineering Research & Technology	2;10; 438-449; Oct 2013; 2278-0181
28	Mrs. G. Bindhu Madhavi	Social Networking and its Collective Behavior	International Journal of Engineering Research & Technology	2;10; 903-909; Oct 2013; 2278-0181
29	Mrs. B.Jyothi	Implementation of Application-Level Semantics in Data Compression	International Journal of Engineering Research & Technology	2;10; 1403-1407; Oct 2013; 2278-0181
30	Mrs. N. Swapna Goud	A Framework for Multidimensional Queries over Personal Information Management through Fuzzy Search	International Journal of Scientific Research Engineering & Technology	2;7; 411-419; Oct 2013; 2278-0882
31	Mrs. N.Swapna Goud	Automatic Query Recommendation using Collaborative Filtering	International Journal of Computer Science Information and Engineering	3;3; 1-6; Oct 2013; 2277-4408
32	Mr. G. Balram	Video Multicasting Framework for Extended Wireless Mesh Networks Environment	International Journal of Scientific Research Engineering and Technology	2;7; 427-434; Oct 2013; 2278-0882
33	Ms.G. Lavanya	Effective Mechanism for Secure Query Processing using an Efficient Protocol	International Journal of Engineering Research and Technology	2;10; 438-449; Oct 2013; 2278-0181
34	Mrs. M. Sridevi	Organizing User Search Histories Dynamically	International Journal of Latest Trends in	3;2; 132-135;

			Engineering and Technology	Nov 2013 2278-621x
Conferences				
1	Mr. G. Vishnu Moorthy, Mr. C. Pavan Kumar , Dr. V. Vijaya Kumar	Trends in Image Representation using Picture Languages	International Conference on "Innovations in Computer Science & Engineering (ICICSE)	2013

Faculty Publications for the Academic Year 2014-15

International Journals				
S no	Author	Title of the paper	Name of the Journal	Volume no; issue no; pages; year of publication; ISSN number
1	Dr. G. Vishnu Moorthy, Dr.V.Vijaya Kumar	Employing Simple Connected Pattern Array Grammar for Generation and Recognition of Connected Patterns on an Image Neighborhood.	Graphics Vision and Image Processing Journal.	14;1; 39-44, 2014; 1687-398X
2	Dr.V.Vijaya Kumar	Wavelet based Text on Cross and Diagonal Shape Descriptors for Discrimination of Texture	International Journal of Digital Signal and Image Processing (IJDSIP)	2;3; 11-26; 2014; 2347-4521
3	Dr.V.Vijaya Kumar	Age Classification based on Integrated Approach	International Journal of Image Graphics and Signal Processing,	7;50-57; 2014; 2074-9082
4	Mr.G.Vishnu Moorthy, Dr.V.Vijaya Kumar, A. Obulesu	A Grammar for Representing Uniform Local Binary Patterns (ULBP)	International Journal of Computers & Technology	14;1; 5329-5336; 2014, 2277-3061
5	Mr.G.Vishnu Moorthy, Dr.V.Vijaya Kumar	Overwriting Grammar Model to Represent 2D Image Patterns	Graphics Vision and Image Processing Journal	14; 2,1-7; 2014; 1687-398X.
6	Dr.V.Vijaya Kumar	Optimal Cost Region Matching Similarity Measure for Region based Image Retrieval	International Journal of Multimedia and Ubiquitous Engineering	9; 4; 327-342; 2014; 1975-0080
7	Dr.V.Vijaya Kumar	Facial Expression Recognition based on Features Derived From the Distinct LBP and GLCM	International Journal of Image, Graphics and Signal Processing	2;1; 68-77; 2014, 2074-9082
8	Dr.V.Vijaya Kumar	Classification of Facial	Global Journal of	14; 1;

		Expressions based on Transitions Derived From Third Order Neighborhood LBP	Computer Science and Technology	1-11; 2014; 0975-4350
9	Dr.V.Vijaya Kumar	An Effective Age Classification using Topological Features based on Compressed and Reduced Grey Level Model of the Facial Skin	International Journal of Image, Graphics and Signal Processing	6;1; 9-17; 2014; 2074-9082
10	Dr.V.Vijaya Kumar	Wavelet based Shape Descriptors using Morphology for Texture Classification	Global Journal of Computer Science and Technology	14; 1; 21-27, 2014; 0975-4350
11	Dr.V.Vijaya Kumar	Texture Classification based on Binary Cross Diagonal Shape Descriptor Texture Matrix (BCDSDTM)	Graphics Vision and Image Processing Journal	14;1; 45-51; 2014, 1687-398X
12	Dr.V.Vijaya Kumar	Texture Classification based on Cross and Diagonal Shape Descriptor Co-Occurrence Matrix	International Journal of Digital Image Processing	6;6; 45-51; 2014; 0974-9691
13	Dr.V.Vijaya Kumar	Morphological Multi-Scale Stationary Wavelet Transform based Texture Segmentation	International Journal of Image, Graphics and Signal Processing,	8;1; 32-39; 2014; 2074-9082
14	Mr.A Mallikarjuna Reddy	A Survey on Several Clustering Algorithms	International Journal of Research in Advent Technology	2;6; 205-211; June 2014; 2321-9637
15	Mr.A Mallikarjuna Reddy	An Optimum Method for Enhancing the Computational Complexity of K-Means Clustering Algorithm with improved Initial Centers	International Journal of Science and Research	3;6; 764-768; June 2014; 2319-7064
16	Mrs. A.Jyothi	A Cloud Approach for Secure Multi Data Sharing Between the Users	International Journal of Science and Research	3;6; June 2014; 2319-7064
17	Mr. Dasu Vaman Prasad	Design of Bilateral Filter for Shadow Removal	International Journal of Reviews on Recent Electronics and Computer Science	2;8; 2851-2855; Aug 2014; 2851-

				2855
18	Mr. Dasu Vaman Prasad	Face and Expression Recognition using Local Directional Number Pattern	International Journal of Science and Research	3;8; 741-746; Aug 2014; 2319- 7064
19	Mr.P. Anjaiah	Design of Ad Hoc Network Using Probability Rebroadcasting	International Journal of Advanced Research in Engineering and Science	2;8; 1305- 1309; Aug 2014; 2347- 9337
20	Mr.A Mallikarjuna Reddy	Design of Indexed Preservance using Clustering	International Journal of Advanced Research in Engineering and Science	2;8; 1286- 1289; Aug 2014; 2347- 9337
21	Mr.A Mallikarjuna Reddy	Design of Similarity Measure under Multi View Point Clustering	International Journal of Reviews on Recent Electronics and Computer Science	2;8; 2923- 2927; Aug 2014; 2321- 5461
22	Mr. G.Balram	Implementation of TARF under Framework of Trust Routing	International Journal of Advanced Research in Engineering and Science	2;8; 1300- 1304; Aug 2014; 2347- 9337
23	Mr. G.Balram	Performance Improvisation In Distributed Environment Systems	International Journal of Reviews on Recent Electronics and Computer Science	2;8; 2873- 2878; Aug 2014; 2321- 5461
24	Mrs. G Bindhu Madhavi	Design of Behavioral Outcome for Predicting Crowd Sourcing	International Journal of Reviews on Recent Electronics and Computer Science	2;8; 2918- 2922; Aug 2014; 2321- 5461
25	Mr. V.Rama Krishna	An Exposure towards Defending Against	International Journal of Reviews on Recent	2;8; 2866-

		Attacks in Vehicular Systems	Electronics and Computer Science	2872; Aug 2014; 2321-5461
26	Mrs.B Ujwala	Design of Virtual System by Intrusion Detection	International Journal of Advanced Research in Engineering and Science	2;8; 1295-1299; Aug 2014; 2347-9337
27	Mrs.V.Jyothi	Design of MANETS under Secure Detection System	International Journal of Reviews on Recent Electronics and Computer Science	2;8; 2861-2865; Aug 2014; 2321-5461
28	Mrs.V Jyothi	Design of Neighbor Discovery under Wireless Networks	International Journal of Advanced Research in Engineering and Science	2;8; 1271-1275; Aug 2014; 2347-9337
29	Mr. Dasu Vaman Prasad	Achieving Location Privacy through the Impact of Changing Pseudonyms	International Journal of Science and Research	3;9; 391-394; Sep 2014; 2319-7064
30	Mr. G.Balram	Reversible Data Hiding In Encrypted Images	International Journal of Science and Research	3;9; 762-767; Sep 2014; 2319-7064
31	Mrs. G Bindhu Madhavi	Fast and Efficient Approach for Nearest Neighbor Search	International Journal of Science and Research	3;9; 2246-2251; Sep 2014; 2319-7064
32	Mrs. P.Srilatha	Enhancing Security and Authentication of Single Sign on Mechanism of Distributed Computer Networks	International Journal of Science and Research	3;9; 1281-1284; Sep 2014; 2319-7064

33	Mrs. M.Sridevi	A Comprehensive Survey of Personalized Recommender Systems	International Journal of Computer Science and Technology	5;3, 139-144; Sep 2014; 0976-8491
34	Mr. V.Rama Krishna	Malware Detection and Tracer Approach for Operating System	International Journal of Science and Research(IJSR)	3;9; 1779-1783; Sep 2014; 2319-7064
35	Mrs. A.Jyothi	Mobile Cloud Computing Applied in Social TV	International Journal of Science and Research	3;9; Sep 2014; 2319-7064
36	Mr.P. Anjaiah	Recovering Multiple Failure Nodes in Wireless Sensor-Actor Networks With Least Distance Movements	International Journal of Science and Research	3;10; 435-439; Oct 2014; 2319-7064
37	Mr. G.Kiran Kumar	A Novel Routing Protocol to Enhance Trust in P2P Networks	International Journal of Science and Research	3;10; 1637-1642; Oct 2014; 2319-7064
38	Mr.T.Venkateswarlu	Usage of Attribute based Encryption for Scalable and Secured Sharing of Personal Health Records in Cloud Paradigm	International Journal of Advanced Technology and Innovative Research	6; 9; 851-853; Oct 2014; 2348-2370
39	Dr. M. Varaprasad Rao	Mining on Mobile Applications using K-Means Algorithm	International Journal of Research in Computer Applications and Information Technology	2;6, 62-66; Nov 2014; 2348-0009
40	Dr.V.Vijaya Kumar	Age Classification based on Features Extracted from Third Order Neighborhood Local Binary Pattern	ICTACT Journal on Image and Video Processing	5;2; Nov 2014; 0975-3397
41	Mr. G.Kiran Kumar	A Better Approach for Privacy Preserving Data Publishing by Slicing	International Journal of Science and Research	3;12; 658-661; Dec 2014; 2319-7064

42	Mr. Jayendra kumar	A Study on Measurement and Classification of Twitter Accounts	International Journal of Science and Research(IJSR)	3;12; 1459-1464; Dec 2014; 2319-7064
43	Mrs. G. Sudeepthi	Privacy Preserving Nested Sub Queries over Relational Databases	International Journal for Development of Computer Science and Technology	3;2; 5-10; Jan 2015; 2320-7884
44	Mr. Jayendra kumar	Enhanced Certificate Revocation Method in Mobile Adhoc Networks	International Journal of Science and Research(IJSR)	4;2; 1315-1318; Feb 2015; 2319-7064
45	Dr.M.Varaprasad Rao	Secured Smart System Implementation in Pervasive Computing using VCS	International Journal of UbiComp;	6; 2; 13-19; April 2015; 0975-8992
46	Dr.V.Vijaya Kumar	A New Approach to Cluster Datasets without Prior Knowledge of Number of Clusters	Journal of Scientific & Industrial Research	4; 261-264; May 2015; 0975-1084
47	Dr. Shirina Samreen	Dynamically Adaptive Recommender Filtering Scheme to Defend against Dishonest Recommenders in a MANET	International Journal of Science and Research(IJSR)	4; 5; 388-398; May 2015; 2319-7064

International Conferences

S No	Author	Title of the paper	Title of the conference	Year of publication
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1	Mr.Dasu Vaman Ravi Prasad, Mr.Gujjari Balram	Technology-Enhanced Learning through ICT Tools Using Aakash Tablet	International Conference on Transformations in Engineering Education: (ICTIEE) Springer India	2014
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Faculty Publications for the Academic Year 2015-16

International Journals				
Sno	Author	Title of the paper	Name of the Journal	Volume no; issue no; pages; year of publication; ISSN number
1	Dr. V.Vijaya Kumar	Cellular Automata Clustering based on Morphological Reconstruction(CACMR)	Graphics, Vision and Image Processing Journal	15:2; 1-8; 2015; 1687-398X
2	Dr V Vijaya Kumar Mr. A.Mallikarjun Reddy	Histograms of Term Weight Feature (HTWF) Model for Authorship Attribution	International Journal of Applied Engineering Research	10;16; 36622-36628 2015; 0973-4562
3	Dr. V Vijaya Kumar	Face Recognition using Prominent LBP Model	International Journal of Applied Engineering Research	10; 2; 4373-4384; 2015; 0973-4562
4	Dr.V.Vijaya Kumar	Face Recognition based on Texture Features using Local Ternary Patterns;	International Journal of Image, Graphics and Signal Processing	10; 37-40; 2015; 2074-9082
5	Dr.V.Vijaya Kumar	Dual Transition Uniform LBP Matrix for Efficient Image Retrieval	International Journal of Image, Graphics and Signal Processing	8; 50-57; 2015; 2074-9082
6	Dr.V.Vijaya Kumar	Age Classification of Facial Images using Third Order Neighborhood Local Binary Pattern;	International Journal of Applied Engineering Research	10;15; 35704-35713; 2015 ; 0973-4562
7	Dr.V.Vijaya Kumar	A New Optimized Data Clustering Technique using Cellular Automata and Adaptive Central force Optimization (ACFO)	Research Journal of Applied Sciences Engineering and Technology	10;5; 522-531, 2015; 2040-7467
8	Mrs. G. Sudeepthi	Perfect Secrecy Design for Contracted Rule Mining	International Journal of Advanced Research In Science and Technology	4;3; 348-352; 2015; 2319-1783
9	Dr. Shirina Samreen	A Novel Uncertainty Reasoning based Trust Model Robust to on-off Attacks and its Application in Trust based	International Journal of Advanced Computing,	48; 1; 1647-1654; June 2015; 2051-0845

		Routing	Recent Science Publications	
10	Dr. Shirina Samreen	Design of a Novel Trust Model and Its Application in Trust based Routing to Defend against Dishonest Recommenders,	International Journal of Computer Applications – IJCA	122; 2; pp:16-23; July 2015; 0975-8887
11	Mr. V. RamaKrishna	Efficient and Revocable Data Access Control for Multi-Authority Cloud Storage	International Journal of Computers Electronics Electrical and Management Research	4; 431-435; Aug 2015; 2348-6845.
12	Mr. V. RamaKrishna	Distributed Synchronous, and Independent Access to Encrypted Database in Cloud	International Journal of Research (IJR)	2; 9; 802-807; Sep 2015; 2348-795X;
13	Mr. V. RamaKrishna	Implementation of Secure Sharing of Data for Dynamic Multi-Owner in Cloud	International Journal of Research (IJR)	2; 09; 743-746; Sep 2015 2348-795X
14	Mrs. A. Jyothi	Bandwidth Shifting and Redistribution in Mobile Clouds	International Journal of Research	2;9; Sep2015; 2348-795x
15	Mr.Jayendra Kumar	Security based Optimizing Design to Migrate Cloud	International Journal of Research	01;08; 465-471; Sep 2015; 2348-6848
16	Mr.Jayendra Kumar	Outsourcing Cloud Data Privacy-Preserving based on over Encryption	International Journal of Research	2;9; 738-742; Sep 2015; 2348-795x
17	Ms. N Swapna Goud	K- Zero Day Safety Metric for Measuring the Risk of unknown Vulnerabilities	International Journal of Research	2;9;552-555; Sep 2015; 2348-6848
18	Mr.Jayendra Kumar	Multi Cloud Architecture to provide Data Security	International Journal of Research (IJR)	2;10; 931-933; Oct 2015; 2348-795X
19	Mr. P.Raja Sekhar Reddy, Mr. G. Kiran Kumar	Privacy Preserving Public Auditing for Shared Data in Cloud	International Journal of Research (IJR)	2;10; Oct 2015; 2348-6848;
20	Mr. A. Malli karjun Reddy	Scalable Data Sharing in Cloud Storage by using Key Aggregate Cryptosystem	International Journal of Research (IJR)	2;10; 1111:1115; Oct 2015; 2348-6848
21	Mrs. M Madhavi	Enhanced Security to Deanonymization Attacks	International Journal of Research (IJR)	2;10; 991-994;

		in Online Social Networks		Oct 2015; 2348-6848
22	Mrs. A. Jyothi	Improving Performance and Scheduling of High Performance Computing Applications in Cloud	International Journal of Research (IJR)	4;10; 661-669; Nov 2015; 2348-795X
23	Dr. Shirina Samreen	Trust based Data Plane Security Mechanism for a Mobile Ad Hoc Network through Acknowledgement Reports	International Journal of Computer Applications – IJCA	129; 6; 6-13; Nov 2015; 0975-8887
24	Mrs. P. Rajeshwari	A Survey on Security Challenges in Vehicular Cloud Computing	International Journal of Scientific Research and Education	4;1; 4848-4853; Jan 2016; 2321-7545
25	Mrs. P. Rajeshwari	Efficient Role based Encryption in Hybrid Clouds	International Journal of Scientific Research and Education	4;1; 4854-4861; Jan 2016; 2321-7545
	Mr.P.Anjaiah, Dr.G.Vishnu Moorthy	Data Collection from a Sensor Node in Ad-Hoc Sensor Network by using Zigbee	International Journal of Innovative Technologies	4;3;548-558; Mar 2016; 2321-8665.
27	Dr.M Varaprasad Rao, Dr G Vishnu Moorthy	Increase Security in Cloud Computing using HMAC and Kerberos Algorithms	International Journal of Research in Engineering and Technology (IJRET)	5; 5; 31-33 ; Mar 2016;; 2321-7308
International Conferences				
S No	Author	Title of the paper	Title of the conference	Year of publication
1	Dr.V.Vijaya Kumar	Trends in Image Representation using Picture Languages	International conference on Innovations in Computer Science & Engineering (ICICSE)	2015
2	Dr.V.Vijaya Kumar	A Novel Approach for Feature Selection	Information System Design and Intelligent Applications, Advances in Intelligent Systems and Computing	2015
3	Dr. Shirina Samreen	A Novel Approach to Secure Routing through Path Allegiance Metric in a Mobile Adhoc Network	International Conference on Electronics, Computing and Communication Technologies (CONECCT 2015)	July 2015
4	Dr. Shirina Samreen	Data Plane Security	International	Aug 2015

		through Trust Based Routing Utilizing a Path Allegiance Metric in a Mobile Adhoc Network	Conference on Innovations in Computer Science and Information Technology – ICICSIT 2015	
5	Dr. V.Vijaya Kumar Mr. A.Obulesu	Facial Image Retrieval Based on Local and Regional Features, ,	IEEE- 2015 International Conference on Applied And Theoretical Computing And Communication Technology (ICATCCT)	Oct. 2015
6	A.Mallikarjuna Reddy	Classification of Child and Adulthood Using GLCM Based on Diagonal LBP	IEEE- 2015 International Conference on Applied and Theoretical Computing and Communication Technology (ICATCCT)	Oct. 2015
7	Dr. Shirina Samreen	Robustness to on-off Dishonest Recommenders in a Trust Management Framework for a Mobile Ad hoc Network	2015 IEEE International Conference on Computational Intelligence and Computing Research- ICCIC 2015	Dec 2015
8	Dr. Shirina Samreen	Defense against on-off Packet Droppers in a Trust Management Framework for a Mobile Ad hoc Network	International Conference on Internet of Things and Applications- IOTA 2016	Jan 2016
9	Dr.M.Varaprasad Rao Mrs. G Sudeepthi	Impact of Cloud Computing in Entrepreneurship and Startups	International Conference on Entrepreneurship In Cloud Computing (ICEC-2016) at SR Engineering College Warangal.	March 2016
10	Mr Pallam Ravi,Mr Madar Bandhu	Computing Frequent Item Sets using Signature	National Conference on Research in Emerging Areas(NACORE-16) at BITS Warangal	Jan 2016
11	Dr.M Varaprasad Rao, Dr G Vishnu Murthy	Increase Security in Cloud Computing using HMAC and Kerberos Algorithms	International Conference on Innovations and Advancements in Computing (ICIAC)	March 2016

			at GITAM University, Hyderabad	
12	Mr V Rama Krishna, Ms B. Jyothi	Efficient Load Rebalancing Problem in Hadoop Distributed File System	National conference on Big Data Analytics at KLU Vijawada	Mar 2016
13	Dr. Shirina Samreen	Enhanced RecommFilter scheme to efficiently filter out Dishonest Recommenders in a Mobile Ad hoc Network	1 st International Conference on Computational Intelligence & Informatics (ICCI-2016)	May 2016
14	Mr.P.Raja Sekhar Reddy, Mr. A. Malli Karjun Reddy, Ms.B.Ujwala	Identity Preserving in Dynamic Groups for Data Sharing and Auditing In Cloud.	International Conference on Innovations and Advancements in Computing	2016

Book Chapters

S No	Author	Title of the chapter & Book	Publication	Details of publication
1.	Dr.M.Varaprasad Rao	Architecture for Improving Security in Web Environment in book titled "Advances in Web Technologies and Engineering"	IGI Publications	pages: 316-333 Jan 2016
2	Dr.M.Varaprasad Rao	Web Analytics for Web Site Quality Improvement in a book titled "Design solutions for improving website quality and effectiveness"	IGI Publications	pages: 276-294 Jan 2016

Faculty Publications for the Academic Year 2016-Till Date

International Journals				
S No	Author	Title of the paper	Name of the Journal	Volume no; issue no; pages; year of publication; ISSN number
1	Dr. V.Vijaya Kumar	Authorship Attribution of Telugu Texts based on Syntactic Features and Machine Learning Techniques	Journal of Theoretical and Applied Information Technology,	85; 1; 95-103, 2016; 1992-8645
2	Dr. V.Vijaya Kumar	Author based Rank Vector Coordinates (ARVC) Model for Authorship Attribution;	International Journal of Image, Graphics and Signal Processing	5; 68-75; 2016, 2074-9082
3	Dr. V.Vijaya Kumar	A Dynamic Transform Noise Resistant Uniform Local Binary Pattern (Dtnr-Ulbp) for Age Classification;	International Journal of Applied Engineering Research	11; 1; 55-60; 2016; 0973-4562
4	Mrs.B Ujwala, Mr.P Raja Sekhar Reddy	An Effective Mechanism for Integrity of Data Sanitization Process in the Cloud	European Journal of Advances in Engineering and Technology	3;8; 82-84; 2016; 2394 - 658X
5	Dr.M.Varaprasad Rao	A Survey on Recommended Systems	International Journal of Computer Science and Information Security	14; 5; 265-272; June 2016; 1947-5500
6	Mr. Ravinder Naik R, Mr.P.Ravinder Rao , Mr. Madar Bandu	Cleaning of Sensitive Data in the Cloud using Monitoring as a Service	International Journal of Computing, Communications and Networking	5;3; Jul 2016 2319-2720
International Conferences				
S No	Author	Title of the paper	Name of the Journal	Volume no; issue no; pages; year of publication; ISSN number
1	Dr. Shirina Samreen	Survey on Data Plane Security Solutions in a Mobile Ad hoc Network	5th International Conference on Innovations in Electronics and Communication Engineering (ICIECE - 2016)	July 2016

2	Dr. Shirina Samreen	Impact of Trust Management Framework on the performance of Path Allegiance Metric based routing protocol in a Mobile Ad hoc Network	IEEE International Conference on Automatic Control and Dynamic Optimization Techniques (ICACDOT 2016)	Sep 2016
3	Dr. Shirina Samreen	Performance of Path Allegiance Metric based routing protocol under varying Disbelief Threshold of a Trust Management Framework	IEEE International Conference on Circuits, Control, Communication and Computing (I4C 2016)	Oct 2016
4	Dr. Shirina Samreen	Refinement of Recommendation trust for accurate detection of dishonest recommenders with on-off attack pattern	IEEE International Conference on Circuits, Control, Communication and Computing (I4C 2016)	Oct 2016
5	Dr. Shirina Samreen	Intelligent network intrusion detection using alternating decision trees	IEEE International Conference on Circuits, Control, Communication and Computing (I4C 2016)	Oct 2016
6	Dr. Shirina Samreen	Heart disease prediction system based on hidden naïve bayes classifier	IEEE International Conference on Circuits, Control, Communication and Computing (I4C 2016)	Oct 2016
7	Mrs.M.Sridevi	An Enhanced personalized Recommender System utilizing Expert Opinion via Clustering algorithm	International Conference on "Inventive Computation Technologies"(ICIC 2016)	Aug 2016
8	Mrs.G.Sudeepthi	Semantic Model for Building Integrated Ontology Database	7th IEEE International Conference on "Software Engineering and Service Science"(ICSESS 2016)	Aug 2016

9	Mrs.P.Srilatha	User Behavior based Link Prediction in Online Social Networks	International Conference on "Inventive Computation Technologies"(ICIC 2016)	Aug 2016
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15. Details of Patents and Income Generated

NIL

16. Areas of Consultancy and Income Generated

S.No.	Name of the Faculty Member	Title of the Project	Company /Agency /others	Generated in Rs.
1	Mr G Bala Krishna	E-Akshaya	Wings Solutions	2,00,000
2	Mr G Balaram	E-Schools	Coign Consultancy	2,00,000
Total Income in Rs.				4,00,000

Rupees 4 lakhs only

17. Faculty Recharging Strategies

S.No	Type of Recharging Strategies	2012-13	2013-14	2014-15	2015-16	2016-till date
1	FDP	1	10	43	5	20
2	Conferences	3	5	4	24	9
3	Workshops /Seminars	92	15	10	48	24

List is enclosed

Academic Year 2016-17

1. Faculty Development Program:

S.No	Name of The Faculty	Event Attended on	Organized by/Venue/Place.	Date
I	1. Dr.V.Vijaya Kumar 2. Ms.B.Jyothi 3. Mr.C.Rama Krishna 4. Mrs.G.Mamatha 5. Mr.G.Balaram 6. Mr.G.Kiran Kumar 7. Mr.Madar Bandu 8. Mrs.M.Madhavi 9. Mr.A.MalliKarjuna Reddy 10. Mr.Ch.naveen kumar Reddy 11. Mr.P.Raja Shekar Reddy 12. Mr.P.Ravi 13. Mrs.B.Ujwala	Four Week “FDP on - Use of ICT in Education for online and Blended Learning”	IIT Bombay, AGI, Hyderabad.	2 nd May to 10 th July 2016
II	14. Mrs.N.Swapna Goud 15. Mr. P.Ravi	Faculty Enablement Program on “Best Practices in Python Programming and RDBMS”	Infosys Ltd,Vasavi College of Engineering ,Hyderabad.	25 th - 29 th July 2016
III	16. Mr.A.Mallikarjuna Reddy 17. Mr.P.Rajshekar Reddy 18. Mr.Ravinder Naik 19. Mr.G.Bala Krishna 20. Mr.C.Rama Krishna	FDP on “Soft Skills”	AGI, Hyderabad.	11 th - 16 th July 2016.

2. Conferences

S.No	Name of The Faculty	Event Attended on	Organized by/Venue/Place.,	Date
I	Mrs. M. Sridevi Mrs. P. Srilatha	International Conference on "Inventive Computation Technologies"(ICIC 2016)	IEEE,RVS Technical Campus, Coimbatore, Tamilnadu	26 th &27 th August 2016
II	Mrs. G. Sudeepthi	7 th IEEE International Conference on "Software Engineering and Service Science"(ICSESS 2016)	IEEE, Beijing, China.	26 th -28 th August 2016
III	Dr. Shirina Samreen	5th International Conference on Innovations in Electronics and Communication Engineering (ICIECE - 2016)	Gurunanak Technical Campus,Hyderab ad	2016
IV	Dr. Shirina Samreen	IEEE International Conference on Automatic Control and Dynamic Optimization Techniques (ICACDOT 2016)	IIIT,Hinjawadi, Pune, India.	2016
V	Dr. Shirina Samreen	IEEE International Conference on Circuits, Control, Communication and Computing (I4C 2016)	MSRIT, Bangalore, India.	2016
VI	Dr. Shirina Samreen	IEEE International Conference on Circuits, Control, Communication and Computing (I4C 2016)	MSRIT, Bengaluru,India	2016
VII	Dr. Shirina Samreen	IEEE International Conference on Circuits, Control, Communication and Computing (I4C 2016)	MSRIT, Bengaluru,India	2016
VIII	Dr. Shirina Samreen	IEEE International Conference on Circuits, Control, Communication and Computing (I4C 2016)	MSRIT, Bengaluru,India	2016

3. Workshops/Seminars

S.No	Name of The Faculty	Event Attended on	Organized by/Venue/Place.	Date
I	1. Dr.G.Vishnu Murthy 2. Dr.M.Vara Prasad Rao 3. Mr.V.Rama Krishna 4. Mr.G.Balaram 5. Mrs.G.Mamatha 6. Mrs.P.Rajeshwari 7. Mr.Ch.Naveen kumar Reddy	Two Day Workshop on "Cloud App Development using IBM Bluemix"	IBM, AGI, Hyderabad.	16 th &17 th September 2016.

	8. Mr.Madar Bandu 9. Mr.P.Rajashekar Reddy 10. Dr.Shirina Samreen 11. Mr.Ravi Kishore 12. Ms.B.Jyohi 13. Mr.A.Mallikarjuna Reddy 14. Mrs.B.Ujwala 15. Mrs.Sudeepthi Govathoti 16. Mr.P.Ravinder Rao 17. Mrs.M.Madhavi 18. Mr.J.Shiva Prashanth 19. Mr.G.Kiran Kumar 20. Mr.C.Rama Krishna 21. Mr.G.Balakrishna 22. Mr.p.Anjaiah 23. Mr.Jayendra Kumar			
II	24. Mr.B.Ravinder Reddy	NEN "Entrepreneurship Educator Program"	NEN, Aurora's Business School, Hyderabad	14 th - 16 th Jul 2016.

Academic Year 2015-16

1. Faculty Development Program

S.No	Name of The Faculty	Event Attended on	Organized by/Venue/Place.	Date
I	1. Mr. P. Anjaiah 2. Mr.A.Mallikarjuna Reddy	Three Days FDP on "Finite Languages & Automata Theory".	VJIT, Hyderabad	22 nd - 24 th February 2016.
II	3. Mr. P.Ravi	FDP on "Cloud and Big Data at Research Insights in Cloud and Big Data"	KITS, Warangal.	19 th &20 ^t h September 2015
III	4. Mrs. V. Jyothi 5. Mrs. N.Swapna Goud	FDP on "Best Practices In Programming and Web Technologies "	Infosys Ltd, at CMR Technical Campus, Hyderabad	6 th - 8 th July 2015

2. Conferences

S.No	Name of The Faculty	Event Attended on	Organized by/Venue/Place.	Date
I	Dr. G.Vishnu Murthy Dr. M. Vara PrasadRao Mrs. B.Ujwala Mr.A.Mallikarjuna Reddy Mr. P.Raja Sekhar Reddy	ICIAC-2016 International Conference on "Innovations And Advancements In Computing "	GITAM University, Hyderabad.	18 th &19 ^t h March 2016
II	Ms.B.Jyothi Mr. V.Ramakrishna	National Conference on "Big Data	KL University, Vijayawada	18 th & 19 th

		Analytics”(NCBDA)		March 2016
III	Mr.Dr. M. Vara Prasad Rao Mrs. G.Sudeepthi	International Conference on “Next Generation Entrepreneurship”	SREC, Warangal.	9 th &10 th March 2016
IV	Dr. M. Vara Prasad Rao Mrs. G.Sudeepthi	3rd International Conference on “TIEE 2016”	IUCEE, Pune	9 th -12 th January 2016
V	Dr. M. Vara Prasad Rao Mrs. B.Ujwala	4th International Conference on “Big Data Analytics”	NIT, Warangal	15 th - 18 th December 2015
VI	Mr.A.MallikarjunaReddy Mr. A. Obulesh	International Conference on “Applied And Theoretical Computing And Communication Technology”	BIET,Davangere,Karnataka.	29 th - 31 st October 2015
VII	Dr.V.Vijaya Kumar	International conference on Innovations in Computer Science & Engineering (ICICSE)		2015
VIII	Dr.V.Vijaya Kumar	Information System Design and Intelligent Applications, Advances in Intelligent Systems and Computing		2015
IX	Dr. Shirina Samreen	International Conference on Electronics, Computing and Communication Technologies (CONECCT 2015)	IIIT-Bangalore, India, IEEE Bangalore Section	July 2015
X	Dr. Shirina Samreen	International Conference on Innovations in Computer Science and Information Technology – ICICSIT 2015	Mahatma Gandhi Institute of Technology, Hyderabad, India	Aug 2015
XI	Dr. Shirina Samreen	2015 IEEE International Conference on	Vickram College of Engineering, Madurai,	Dec 2015

		Computational Intelligence and Computing Research-ICCIC 2015	India	
XII	Dr. Shirina Samreen	International Conference on Internet of Things and Applications-IOTA 2016	Maharashtra Institute of Technology, Pune, India.	Jan 2016
XIII	Mr Pallam Ravi, Mr Madar Bandhu	National Conference on Research in Emerging Areas(NACORE-16)	BITS Warangal	Jan 2016
XIV	Dr. Shirina Samreen	1st International Conference on Computational Intelligence & Informatics (ICCII-16)	JNTUH College of Engineering, Hyderabad, India	May 2016

3. Workshops/Seminars

S.No	Name of The Faculty	Event Attended on	Organized by/Venue/Place.	Date
I	1. Mrs. P.Srilatha 2. Mr.G.Kiran Kumar 3. Mr.A.Mallikarjuna Reddy 4. Mrs. B.Ujwala 5. Mrs. N.Swapna Goud	Workshop on "Digital Design Through Arduino"	AGI, Ghatkesar, Hyderabad.	30 th April 2016
II	6. Mr. Dr. G.Vishnu Murthy 7. Mr.Dr. M. Vara Prasad Rao	Workshop on "Teaching Learning Centre" (TLC)	IIT, Hyderabad	1 st April 2016
III	8. Ms.B.Jyothi 9. Mr. V.Ramakrishna	one Day Workshop on " Big Data Analytics"	KL University, Vijayawada	17 th March 2016
IV	10. Mrs. G.Sudeepthi 11. Mr. B.Ravinder Reddy	Workshop on "Mentor Development Programme"	Bharatiya Yuva Shakti Trust, Hyderabad	24 th & 25 th February 2016
V	12. Mr. Dr. G.Vishnu Murthy 13. Mr. Jayendar Kumar 14. Mr.Ch.Naveen Kumar Reddy 15. Mrs.M.Madhavi	Workshop on "Short Term Training Program on Android App Development"	COIGN Consultant Pvt.Ltd, Hyderabad.	8 th -17 th January 2016

VI	16. Mrs. M.Sridevi 17. Mr. P.Raja Sekhar Reddy	Workshop on "Student Centered Learning" By IIDEA	KG Reddy College,Hyderabad	5th & 6th Jan 2016
VII	18. Mr.P. Rajashekar Reddy 19. Mrs. M. Madhavi	one Day Engagement Program on "Digital Forces "	TCS, Hyderabad.	16 th Decemb er 2015
VIII	20. Mr.V.Rama Krishna	50th Golden Jubilee Convention on "Digital Life"	CSI, New Delhi	2 nd -5 th Decemb er 2015
IX	21. Mr.K.Raghavendra Rao 22. Mr. B. Ravi Raju	"Associateiate Analytics & Security Analyst Master Training Program "	JNTUH NASSCOM & TASK.	21st - 25th Novem ber 2015
X	23. Mr.K.Raghavendra Rao	Workshop on "Ipv6 For Enterprises"	C-DAC, Bangalore	19 th Novem ber 2015
XI	24. Dr. M. Vara Prasad Rao	Workshop on " Cloud Awesome Day"	Amazon Web Services, Hyderabad.	17 th Novem ber 2015
XII	25. Ms.G.Lavanya	Workshop on " FSIT Master Training Program"	JNTUH-NASSCOM	2 nd -6 th Novem ber 2015
XIII	26. Mr P.Anjaiah 27. Ms.G.Lavanya 28. Mrs. P.Srilatha 29. Mrs. G.Sudeepthi 30. Mr.K.Raghavendra Rao 31. Mrs.M. Madhavi 32. Mr.T.Venkateshwarlu 33. Mr.B.Raviraju 34. Mrs. M.Sridevi	Two Day Workshop on "Applications of Matlab & Simulink In Engineering Education"	AGI, Ghatkesar, Hyderabad.	30 th &31 st October 2015
XIV	35. Ms.G.Lavanya	Workshop on "Section Student Congress'15"	IEEE, Hyderabad	3 rd &4 th October 2015
XV	36. Mr. Dr. G.Vishnu Murthy 37. Mr. P.Raja Sekhar Reddy 38. Mr. B.Ravinder Reddy 39. Mrs. M.Sridevi 40. Mrs. S.Kalyani	Workshop on "Outcome Based Education And Accreditation"	JNTUH Under TEQIP-II	14 th Septem ber 2015
XVI	41. Mr.G.Balaram	Work Shop on "CSISBC"	Osmania University, Hyderabad.	8 th Septem ber 2015
XVII	42. Mrs.B.Jyothi 43. Mr.Jayandra Kumar	Workshop on "IBM	IBM, MLRIT, Hyderabad.	27 th July 2015

	44. Mr.P.Ravi 45. Mr.A.Mallikarjuna Reddy 46. Mr.P. Rajashekar Reddy 47. Mr.T.Venkatash	Blue Mix”		
XVIII	48. Mr.G.Balaram	JNTUH-EXCITE “Summer Product Engineering Workshop”	JNTUH	28 th May – 27 th June 2015

Academic Year 2014-15
I. Faculty Development Program:

S.No	Name of The Faculty	Event Attended on	Organized by/Venue/Place.	Date
I	1. Prof. P. Subba Reddy 2. Dr. V.Vijaya Kumar 3. Mr.G.Vishnu Murthy 4. Mr. S.Ravi Kumar 5. Mr. P.Anjaiah 6. Mr. V.Amarnadh 7. Mrs. N.Swapna Goud 8. Mrs. S.Kalyan 9. Ms. B.Jyothi 10. Mr.Ankush Jain 11. Mrs. P.Srilatha 12. Mr. G Prabhakar Raju 13. Ms.G.Lavanya 14. Mr.D. Vaman Ravi Prassd 15. Mrs. M.Sridevi 16. Mrs. Bindu Madhavi 17. Mrs. B.Ujwala 18. Mrs. V .Jyothi 19. Mr. V.Ramakrishna 20. Mr. A.Mallikarjuna Reddy 21. Mr. G.Balaram 22. Mr. G.Kiran Kumar 23. Mr. G. Bala Krishna 24. Mr. Jayender Kumar 25. Mr. A. Obulesu 26. Mr. B.Ravinder Reddy 27. Mr. Sai Pavan 28. Mr. K. Raghavendra Rao 29. Mrs. G. Sudeepthi 30. Mr. P. Raja Sekhar Reddy 31. Mrs. A. Jyothi 32. Mr. P. Ravinder Rao	FDP on “ C program Skills”	Department of CSE, AGI, Hyderabad.	1 st & 2 nd August 2014

	33. Mr. Ch Naveen Reddy 34. Mrs. M. Madhavi 35. Mr. Madar Bandu 36. Mr. T. Pandu Ranga 37. Mr. C. Rama Krishna			
II	38. Mr. Ch Naveen Reddy 39. Mr. Pavan kumar 40. Mr. P Srilatha 41. Mr.C Ramakrishna	FDP on “JNTUH e – Learning Solutions and Two-Way HD Delivery Mechanism for Teachers and Students” (Elsdm)	Globarena Technologies Pvt. Ltd. , Sreenidhi Institute of Technology and Science, Hyderabad	26 th July 2014.
III	42. Mr. V. Rama Krishna 43. Mr.G.Balaram	FEP on “Mobile App Development”	Infosys Limited Pune, Shri Ramdeobaba College of Engineering and Management , Nagpur	14 th – 18 th July 2014

2.Conferences:

S.No	Name of The Faculty	Event Attended on	Organized by/Venue/Place.	Date
I	1. Mrs. M.Sridevi 2. Mr. V. Rama Krishna 3. Mrs. V .Jyothi	International Conference on “Emerging ICT for Bridging Future”	CSI Hyderabad Chapter in Association with JNTUH & DRDO, Hyderabad	12 th - 14 th December 2014
II	4. Dr.V.Vijaya Kumar	IEEE International Conference on “Contemporary Computing and Informatics”	Sri Jayachamarajendra college of Engineering, Mysore, Karnataka.	27 th – 29 th November 2014

3.Workshops/Seminars

S.No	Name of The Faculty	Event Attended on	Organized by/Venue/Place.	Date
I	1. Mr. G.Kiran Kumar 2. Mr.Jayender Kumar 3. Mr.Madar Bandu 4. Mr. Rama Krishna Chithari	ISTE Workshop “Introduction to Design of Algorithms”	IIT Kharagpur and AGI, Hyderabad	27 th Apr-30 th May 2015
II	5. Mrs. S.Kalyani	Workshop on “ NAAC Accreditation and Assessment in higher Education Institutions” under TEQIP- II	AGI, Hyderabad	11 th March 2015
III	6. Mr.Jayendra Kumar	Two-week ISTE Short Term Training on “Pedagogy for	IIT Bombay, AGI, Hyderabad	5 th -7 th & 19 th - 21 st

		Effective use of ICT in Engineering Education”.		January , 2015
IV	7. Mr.D.Vaman Ravi Prasad	Work Shop on “Effective Teaching pedagogies a in stem Discipline”.	IUCEE, Department of CSE, AGI, Hyderabad	6 th -7 th August 2014
V	8. Mrs. G.Sudeepthi 9. Mr.D. Vaman Ravi Prasad 10. Mrs. V .Jyothi	A National Work Shop on “Active Learning project -Based Learning methods in Engineering”	Vidya Jyothi Institute of Technology, Hyderabad	14 th - 15 th July 2014

Academic Year 2013-14

I. Faculty Development Program:

S.No	Name of The Faculty	Event Attended on	Organized by/Venue/Place.	Date
I	1. Mr.G.Vishu Murthy	FDP on “MHRD’s National Mission for Teachers and Administrators Management Capacity Enhancement Programme”.	IIM, Indore	16 th - 22 nd June 2014
II	2. Mr.D. Vaman Ravi Prassd 3. Mrs. G.Sudeepthi 4. Mr. Jayendra Kumar	FDP on “Net Beans”	IIT Bombay, AGI, Hyderabad	29 th March 2014
III	5. Mr. P.Anjaiah	Two-Day FDP on “ Research Issues & Methodologies in CSE ”	CMR College of Engineering, Dept. of CSE, Hyderabad	4 th &5 th October 2013
IV	6. Mr.G.Vishu Murthy 7. Mr.P.Rajashekar Reddy 8. Mr.G.Balaram	Two-Day FDP on “Big Data”	Center for Research &Innovation Exchange, Hyderabad	20 th &21 st September 2013
V	9. Mrs. M.Sridevi 10. Mr.P.Rajashekar Reddy	Two- Day FDP on “Big Data: Challenges”	Department of CSE, Kakatiya Institute of Technology and Science, Warangal	6 th &7 th September 2013

2. Conferences

S.No	Name of The Faculty	Event Attended on	Organized by/Venue/Place.	Date
I	1. Mr.K.Raghavender Rao	National conference and workshop on “Renewable Energy Sources”	Anurag college of Engineering, Hyderabad	22 nd & 23 rd March 2014
II	2. Mr.G.Balaram	International conference on “Next Generation Education for Entrepreneurial Engineering”	SR Engineering College, Warangal.	10 th & 11 th March 2014
III	3. Mr.D. Vaman Ravi Prasad. 4. Mr.G.Balaram	2 . International conference on “ Transformations in Engineering Education”	B.V.B College of Engineering , Hubli, India	16 th – 18 th January 2014
IV	5. Mr.G.Vishu Murthy	International conference on “ Innovations in Computer science and Engineering “	Guru Nanak Institutional Technical Campus, Hyderabad	20 th &21 st September 2013

3. Workshops/Seminars

S.No	Name of The Faculty	Event Attended on	Organized by/Venue/Place.	Date
I	1. Mrs.Ujwala 2. Mr.P.Rajshekar Reddy	Two-week ISTE Work shop on “ Computer Networks”	IIT Bombay, AGI, Hyderabad	30 th Jun- 5 th July 2014
II	3. Mr.D. Vaman Ravi Prassd 4. Mr. V Rama Krishna 5. Mr. P.Anjaiah 6. Mr.K.Raghavendra Rao 7. Mr. B.Ravinder Reddy 8. Mr.G.Balaram	Two-week ISTE Work shop on “ Computer Programming”	IIT Bombay, AGI, Hyderabad	20 th May- 21 st June 2014
III	9. Mr.P.Rajashekar Reddy 10. Mr.K.Raghavendra Rao	Work shop on “ PHP and MySQL”	IIT Bombay, AGI, Hyderabad	14 th March 2014
III	11. Mr.D. Vaman Ravi Prassd 12. Mr.G.Balaram	Work shop on “Innovative Hands on Lab Techiques with Quanser Equipment”	B.V.B College of Engineering , Hubli, India	16 th – 18 th January 2014
IV	13. Mrs. N.Swapna Goud 14. Mrs. B.Ujwala	Work shop on “Bussiness	Infosys Limited, Aditya Engineering	27 th - 29 th

		Intelligence & it's Applications"	College, Kakinada	November 2013
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Academic Year 2012-13

1. Faculty Development Program:

S.No	Name of the faculty	Event attended and on	Organized by/Venue/place.	Date
I	1. Mrs.N.Swapna Goud	One day-FDP on "Service Oriented Architecture"	CSI, AGI, Hyderabad	18 th - 19 th July 2014

2. Conferences:

S.No	Name of the faculty	Event attended on	Organized by/Venue/ place.	Date
I	1.Mr.J.Shiva Prashanth	3 day - "Pearl Jubilee International Conference on Navigation & Communication"	NAVCOM, Osmania University, Hyderabad.	20 th &21 st December 2012
II	2.Mrs.G.Santoshi 3.Mrs.A.Jyothi	2-day National workshop on "Cloud Computing & Security Issues"	University College of Engineering, OU in collaboration with Cipher Cloud India Pvt Ltd, Hyd.	12 th & 13 th July 2012

3. Workshops/Seminars

S.No	Name of the faculty	Event attended and on	Organized by/Venue/ place.	Date
I	1. Mr.Ankush jain 2. Mr.P.Rajasekhar Reddy 3. Mr.CH.Naveen kumar Reddy 4. Mr.G.Balaram 5. Mr.G.Balakrishna 6. Mr.A.Malikarjuna Reddy 7. Mrs.G.Sudeepthi 8. Mr.V.Ramakrishna 9. Mrs.B.Ujwala 10. Mr.D.V Ravi Prasad 11. Mr.Ravinder Reddy 12. Mr.V.Amarnadh 13. Mr.P.Anjaiah 14. Ms.B.Jyothi 15. Mrs.S.Kalyani 16. Mr.P.Anjaiah 17. Mrs. N.Samatha 18. Mr.B.Vemkateshwar	Two day workshop on "Aakash for Education"	IIT Bombay, AGI, Hyderabad.	10 th &11 th November 2012

	Reddy 19. Mr.C.Pavan Kumar 20. Mrs.P Srilatha 21. Mrs.V.Jyothi 22. Mr.V.amarnadh 23. Mr.Prabhakar raju 24. Mr.B.Balaram 25. Mrs.A.Jyothi 26. Mrs.M.Sridevi 27. Mrs.Swapna Goud 28. Mrs.G.lavanya 29. Mrs.Bindu Madavi			
II	30.Mrs.N.Samatha	Two day workshop on "Recent Trends in Data mining & Network Security"	VJIT, Hyderabad	28 th &29 th December 2012.
III	31. Mr.D.V.Ravi Prasad	Two Day workshop on "Research Methods in Educational Technology"	IIT Bombay, AGI, Hyderabad	2 th -9 th December 2012
IV	32.Mr.Ch.Naveen Kumar 33.Mr.V.Rama Krishna	Two Day Workshop on "Research Aspects in Information Security"	JNTUHCE, Hyderabad.	6 th & 7 th December 2012
V	34.Mr.G.Balaram	Three Day workshop on "Mobile App Development using android"	Infosys Ltd, CBIT, Hyderabad.	19 th -21 th March 2013.
VI	35.Mr.B.Venkateshwar Reddy	Three Day workshop on "Outcome based Education & its Importance in present Technical Education."	AGI, Hyderabad.	20 th -22 th December 2012.
VII	36.Mr.G.Balaram 37.Mr.V.Rama Krishna 38.Mr.D.V.Ravi Prasad	Four day -workshop on " Orientation workshop for Aakash Technical Assistant"	IIT Bombay, AGI, Hyderabad	25 th -26 th & 29 th -30 th October 2012
VIII	39.Mr.J.Shiva Prashanth	Five day- International workshop on " Information Security"	CSE Dept, BITS Pilani, Hyderabad	15 th -19 th December 2012

IX	40.Mr.Ankush jain 41.Mr.P.Rajasekhar Reddy 42.Mr.CH.Naveen kumar Reddy 44.Mr.G.Balaram 45.Mr.G.Balakrishna 46.Mr.A.Malikarjuna Reddy 47.Mrs.G.Sudeepthi 48.Mr.V.Ramakrishna 49.Mrs.B.Ujwala 50.Mr.Ravinder Reddy 51.Mr.P.Anjaiah 52.Ms.B.Jyothi 53.Mrs.S.Kalyani 54.Mr.P.Anjaiah 55.Mrs.P.Srilatha 56.Mrs.M.Sridevi 57.Mrs.S.Kalyani 58.Mrs.N.Samatha 59.Mr.C.Pavan Kumar 60.Mr.G.Prabhkar Raju 62.Mr.B.Venkateshwar Reddy 64.Mrs.A.Jyothi 65.Mr.J.Shivaprashanth 66.Mr.D.V Ravi Prasad 67.Mr.V.Amarnadh	Two Week ISTE workshop on "Introduction to Research Methodologies"	IIT Bombay, AGI, Hyderabad	25 th June – 4 th July 2012.
X	68.Mr.Ankush jain 69.Mr.P.Rajasekhar Reddy 70.Mr.CH.Naveen kumar Reddy 71.Mr.G.Balaram 72.Mr.G.Balakrishna 73.Mr.A.Malikarjuna Reddy 74.Mrs.G.Sudeepthi 75.Mr.V.Ramakrishna 76.Mrs.B.Ujwala 77.Mr.D.V Ravi Prasad 78.Mr.Ravinder Reddy 79.Mr.V.Amarnadh 80.Mr.P.Anjaiah 81.Ms.B.Jyothi 82.Mrs.S.Kalyani 83.Mr.P.Anjaiah 84.Mrs.P.Srilatha 85.Mrs.M.Sridevi 86.Mrs.S.Kalyani 87.Mrs.N.Samatha 88.Mrs.A.Jyothi 89.Mr.J.Shivaprashanth 90.Mrs. N.Swapna Goud	Two Week ISTE workshop on "Database Management Systems"	IIT Bombay, AGI,Hyderab ad.	21 st - 31 st May 2013

	91.Mrs.Bindhu Madhavi			
XI	92.Mr.G.Balram	one week Training Program on "Training Programme for the Teachers of Engineering College"	APSCHE in Association of JNTUH, BIET College, Hyderabad.	9 th -14 th July 2012

18. Student Projects

	UG/PG	2015-16	2014-15	2013-14	2012- 13
Percentage of Students who have done in-house projects including inter departmental	UG	40	34	20	NIL
	PG	100	24	NIL	NIL
Percentage of students doing projects in collaboration with industries/institutes	UG	60	66	80	100
	PG	NIL	76	100	100

19. Awards / Recognitions Received at the National and International Level
Faculty Awards

S.No	Name of the faculty	Designation	Award	Received From	Year
1	Dr.V.Vijaya Kumar	Professor, Dean-Dept. of CSE & IT	Meritorious Teachers- 2009	JNTUK, Kakinada	2009
2	Dr.V.Vijaya Kumar	Professor, Dean-Dept. of CSE & IT	JNTUK Researcher-2009	JNTUK, Kakinada	2009
3	Dr.V.Vijaya Kumar	Professor, Dean-Dept. of CSE & IT	Leading Scientist of the WORLD -2009	International Biographical Centre, Cambridge, England	2009
4	Dr.V.Vijaya Kumar	Professor, Dean-Dept. of CSE & IT	Gold Plated Silver Medal Award	Indian Red Cross Society From Governor of Andhra pradesh	2009
5	Dr.V.Vijaya Kumar	Professor, Dean-Dept. of CSE & IT	Top 100 Scientists 2010	International Biographical Centre,	2010

				Cambridge, England	
6	Mr.Ch.Naveen Kumar Reddy	Assistant Professor, Dept. of CSE	Microsoft Technology Associate-Web Development	Microsoft Innovation Center	2013
7	Dr.G.Vishnu Murthy	Professor, HOD- Dept. of CSE	Best Paper Award (Trends in image representation using picture language)	International conference on innovations in computer science & engineering (ICICSE-2013)	2013
8	Dr.V.Vijaya Kumar	Professor, Dean- Dept. of CSE & IT	Best Paper Award (Trends in image representation using picture language)	International conference on innovations in computer science & engineering (ICICSE-2013)	2013
9	Mr.G.Prabhakar Raju	Associate Professor	Best Mentor for TGMC Projects Awarded by IBM	IBM	2013
10	Dr. Shirina Samreen	Associate Professor- Dept of CSE	Best Paper Award (Robustness to on-off Dishonest Recommenders in a Trust Management Framework for a Mobile Ad hoc Network),	IEEE International Conference on Computational Intelligence and Computing Research ICCIC 2015.	2015
11	Dr.G.Vishnu Murthy	Professor	Longest Continuous SBC Award	CSI	2015
12	Dr.V. Vijaya Kumar	Professor-Dept of CSE	Acting as BOS member for Dept. of CSE,	SIT,JNTUH,GIET& ACE.	

			SIT,JNTUH, Hyderabad,GIE T,Rajahmundry ,ACE Kodad		
13	Dr.M. Varaprasad Rao	Professor -Dept. of CSE	Acting as BOS member for Dept. of CSE, VJIT& AGI.	VJIT& AGI.	2016
14	Dr.G. Vishnu Murthy	Professor & HOD- Dept. of CSE	Acting as BOS member for Dept. of CSE, VJIT& AGI.	VJIT& AGI.	2016
15	Mrs.M.Sridevi	Associate Professor- Dept of CSE	Best Teacher Award	Anurag Group of Institutions	2016
16	Dr.G.Vishnu Murthy	Professor & HOD- Dept. of CSE	Significant Contribution Award (Student Branch Coordinator)	CSI	2016
17	Dr.G.Vishnu Murthy	Professor & HOD- Dept. of CSE	Longest Continuous SBC Award	CSI	2016
18	M Ashish Kumar Singh	Network & Systems Engineer-Dept of CSE	Best Non- Teaching staff Award	AGI	2016
19	Dr. M. Varaprasad Rao	Professor-Dept of CSE	Reviewer member for IJMPIC T,IJU,IGI- global,ICICSE & IJCAC	IJMPIC T,IJU,IGI- global,ICICSE & IJCAC	2014
20	Dr. Shirina Samreen	Professor-Dept of CSE	Acted as a reviewer for various IEEE and ICCERC Conferences.	ICCERC	2015
21	Dr. M .Varaprasad Rao	Professor-Dept of CSE	Certified by Cloud U Certified Professional	Rack Space	2015
22	Mr.K.Ragavendr a Rao	Assistant Professor- Dept of CSE	Certified RHCSA	Red Hat	2015

23	Mr.K.Ragavendra Rao	Assistant Professor- Dept of CSE	Certified RHCE	Red Hat	2015
24	Dr. Shirina Samreen Mr.B Ravinder Reddy	Associate Professor- Dept of CSE	Certified Big Data Fundamentals and Hadoop Fundamentals	Big Data University	2016
25	Mrs.B.Jyothi	Assistant Professor- Dept of CSE	IBM certified application developer cloud platform v1	IBM	2016

Student Achievements

S No	Name of the Student	Award	Awarded by	Academic year 2012-13
1.	Ms. S.Shravanthi Ms.V.V.S.Keeriti Ms. M.Nagarjun	Best Academic Project "Windows Compendium"	CMC Ltd, Hyderabad	20/03/2013
2.	Ms.Namburi Sruthi	Secured Top-33 rd position in Imagine Cup for idea & coding	Microsoft Corporation, Hyderabad	2013
3	Mr. Ramesh Chowdary	2 nd prize in Aakash Android Programming Contest	IIT, Bombay	2013
4	Ms. K.Tejaswi	1 st prize in Aakash Android Programming Contest	IIT ,Bombay	2013
5	Ms. Shrvanathi Satyavarapu	Best Computer Science Student award	ISTE , Hyderabad	2013

S No	Name of the Student	Award	Awarded by	Academic year 2013-14
1	Ms. K. Bhagyasree	Blue Star	Community Award by SHIKSHA.COM	2014
2	Mr. Shravan	Microsoft Office Specialist Certification – MOS Competition Compudon	Microsoft Corporation, Hyderabad	2014

S No	Name of the Student	Award	Awarded by	Academic year 2014-15
1	Mr. KSSK Rohith Sharma (BTECH III CSE)	They Won IUCEE Partial Sponsorship from Anurag Group of Institutions and IUCEE To Attend The 10 th Global Student Forum, Dubai	IUCEE-SPEED	2014
2	Mr P Surya Subhash	Google Hall of Fame award	Google Security Team, Google	2015
3	Mr. Rajender Sirvi Mr. Vamshi Krishna	Best project Award in 4th National Student Project contest -2015	CSI-India, At Raja Lakshmi Engineering College, Chennai.	2015

S.No	Name of the Student	Award	Awarded by	Year 2015-2016
1	Mr.Rajender Sirvi Mr.Vamshi Krishna	Best project Award 4 th National Student Project contest -2015	CSI-India, Raja Lakshmi Engineering College, Chennai.	2015
2	Mr. Puneeth Mr. Karthik Ms. Rakshitha	Winners of Grand Video Challenge contest and awarded with sponsorship from IUCEE to attend 2nd Indian Student Forum	IUCEE-SPEED	2015
3	Mr jatn Bharadwaj (BTECH III CSE) Ms Manaswini (BTECH III Civil)	They Won IUCEE Partial Sponsorship from college and IUCEE To Attend 11th Global Student Forum at Florence, Italy	IUCEE-SPEED	2015

S No	Name of the Student	Award	Awarded by	Academic year 2016-17
1	Mr. KSSK Rohith Sharma	IUCEE Young Leader Award	IUCEE-SPEED	2016
2	Mr. Kaushik Mr.Surya Subhash	Winners of Smart Cities Hackathon -The Tech Fest	JNTUH, Hyderabad	2016
3	Ms R Vashnavi	Top 3 all Girls Team	IBM-TGMC	2016

Oracle Certified Professionals in JAVA SE 6 Programmer

S No	Year of Certification	Count
1.	2014-2015	10
2.	2015-2016	31
3.	2016-2017	Nil

Spoken Tutorial (FOSS Certifications)

Batch/Technology	Linux-Ubuntu	C Programming	Java	PHP & MySQL
2010-2014	75	--	55	68
2011-2015	86	--	79	118
2012-2016	137	159	151	180
2013-2017	175	191	214	Nil
2014-2018	202	220	Nil	Nil
2015-2019	Nil	197	Nil	Nil

MIC Certifications

Batch	MTA	MOS
2013-14	98	Nil
2014-15	Nil	85
2016-17	68	27

IBM Certifications

Batch	IBM DB2	IBM RAD	IBM Lotus Dominio
2011-12	154	56	Nil
2012-13	Nil	Nil	38
2013-14	Nil	Nil	Nil

20. Seminars/ Conferences/Workshops Organized and the Source of Funding (National/ International) with Details of Outstanding Participants, If any
National Workshops:

S No	Seminars / Conferences /workshops	Funding source	Date	Number of Participants
1.	Four Week AICTE approved FDP on – “Use of ICT in Education for Online and Blended Learning” Organized in collaboration with IIT Bombay.	Self	2nd May to 10th July 2016	153
2.	Two week ISTE workshop on “Computer Networking” Organized in collaboration with IIT Bombay.	IIT Bombay (MHRD Govt of India)	30th June 2014 to 5th July 2014	45
3.	Two week ISTE workshop on “Computer Programming” Organized in collaboration with IIT Bombay.	IIT Bombay(MHRD Govt of India)	20th May 2014 to 21st June 2014	70

4.	Two week ISTE workshop on “Data Base Management Systems” Organized in collaboration with IIT Bombay.	IIT Bombay(MHRD Govt of India)	21st May 2013 to 31st May 2013	62
5.	42th ISTE Annual Convention on “ Achieving Excellence in Technical Education- Opportunities and Threats”	Funded by Anurag Group of Institutions.	20th -22nd December, 2012.	45
6.	Two day workshop on "Aakash for Education" Organized in collaboration with IIT Bombay.	IIT Bombay(MHRD Govt of India)	10th &11th November 2012	135
7.	Two week ISTE workshop on “Introduction to Research Methodologies” Organized in collaboration with IIT Bombay.	IIT Bombay(MHRD Govt of India)	24th June 2012 to 4th July 2012	120

21. Student profile course-wise

Name of the Course (refer question NO.2)	Batch	Applications Received	Selected		Pass Percentage	
			Male	Female	Male	Female
B. Tech	2012-16	Since the applications are processed by the State Council for Higher Education of the State Government, the number of applications received are not known but allotted seats are 100% filled	147	75	91.83	89.33
	2011-15		125	69	93.60	94.20
	2010-14		83	54	96.38	98.14
	2009-13		94	38	92.55	92.10
M.Tech CSE	2014-16		-	-	-	-
	2013-15		28	16	77.7	80
	2012-14		36	20	83.33	80
	2011-13		37	24	67.26	58.33
M.Tech CS	2014-16		-	-	-	-
	2013-15		7	5	85.71	100
	2012-14		6	4	100	100
	2011-13		6	4	50	50
M.Tech SE	2014-16		-	-	-	-
	2013-15		-	-	-	-
	2012-14		8	5	87.5	80
	2011-13		7	4	85.7	75
	2010-12	7	5	71.4	60	
M.Tech CNIS	2014-16	-	-	-	-	
	2013-15	9	5	75	80	

22. Diversity of Students

Name of the Course (refer question no. 2)	Batch	% of students from the college	% of students from the state	% of students from other States	% of students from other countries
B.Tech	2013-17	Not Applicable	98.75	1.25	Nil
	2014-18		98.73	1.23	Nil
	2015-19		98.54	1.46	Nil
	2016-20		97.72	2.28	Nil
M.Tech CSE	2016-18	Nil	Nil	Nil	Nil
	2015-17	Nil	100	Nil	Nil
	2014-16	Nil	100	Nil	Nil
	2013-15	Nil	100	Nil	Nil
	2012-14	Nil	100	Nil	Nil
	2011-13	Nil	100	Nil	Nil
M.Tech SE	2016-18	---	---	--	--
	2015-17	Nil	100	Nil	Nil
	2014-16	Nil	100	Nil	Nil
	2013-15	Nil	100	Nil	Nil
	2012-14	Nil	100	Nil	Nil
	2011-13	Nil	100	Nil	Nil
M.Tech CNIS	2014-16	Nil	100	Nil	Nil
	2013-15	Nil	100	Nil	Nil

23. How many students have cleared Civil Services, Defense Services, NET, SLET, GATE and any other competitive examinations?

S.No.	Year	Name of the Competitive Examinations	Number of students cleared
1	2012-2013	GRE	27
	2013-2014		28
	2014-2015		49
	2015-2016		30
2	2012-2013	GATE	2
	2013-2014		4
	2014-2015		3
	2015-2016		2

24. Student progression

Students Progression		Percentage Against Enrolled			
		2012-13	2013-14	2014-15	2015-16
/UG to PG		6.67	24.4	27.6	15.5
PG to M.Phil		-	-	-	-
PG to Ph.D		-	-	-	-
Ph.D to Post Doctorial		-	-	-	-
Employed: Campus Selection	UG	30	48	55	59
	PG	-	-	-	-
Employed: other than campus recruitment	UG	15.83	21	6.5	12.2
	PG	-	-	-	-
Entrepreneurs		-	-	1.5	2.3

25. Diversity of Staff

Percentage of faculty who are graduates	UG	PG	Ph.D
of the same parent University	48/66=72.9	52/66=78.7	3/67=4.47%
From other Universities within the State	6/66=9	4/66=6	----
From other Universities from other States	12/66=18.1	10/66=15.3	1/67=1.49%

26. Number of faculty who were awarded Ph.D., D.Sc., and D.Litt. during the assessment period.

Academic Year	No. of faculty who were Awarded Ph.D	Details of the Faculty
2015-16	2	Dr. G Vishnu Murthy
		Dr. Shirina Samreen

27. Present details about infrastructural facilities

S No.	Name of the Infrastructural Facility	Quantity / Details
1	Library	<p>Floor Space : 12,000 sft. Reference Area: 3,000 sft. No of Volumes: 10284 No of Titles: 1498 No of Project Reports: 407 Courseware: NPTEL & MOOCs Non book materials: 801(CDs) (including CDs E-books): 37500 Digital Library facility with 4 systems to enable the students to use NPTEL and other online courses: 347 Subjects (3.5 TB)</p>
2	Internet facilities for faculty and students	All the faculty rooms have individual computer with Internet facility with a speed of 65Mbps. The department has 380 computers with internet facility in 7 different laboratories and faculty rooms for the benefit of faculty and students. In addition, Wi-Fi(Reliance) connectivity is available throughout the campus.
3	Total number of class rooms : 23	<p>12 Class rooms (II, III & IV Years) 4 Class rooms (I Year) 3 Class rooms(M.Tech) 3 Tutorial Rooms and 1 Seminar hall</p>
4	Class rooms with ICT facility	10 Class Rooms
5	Students' laboratories	<ol style="list-style-type: none"> 1. Computer Lab-I --- Utilized for conducting Data Warehouse and Data Mining Lab, Java Programming Lab and Android Lab. 2. Computer Lab-II --- Utilized for conducting DataBase Management System Lab and Web Technologies Lab. 3. Computer Lab-III --- Utilized for conducting Computer Networks & Operating System Lab and Software Testing Lab. 4. Computer Lab-IV --- Utilized for doing mini projects. 5. Computer Center-I --- Utilized for Computer Programming-I and Computer Programming-II Labs. 6. Computer Center-II --- Utilized for Computer Programming-I and Computer Programming-II Labs.
6	Research Lab	Center for Advanced Computing and Research Laboratory

28. Number of students of the department getting financial assistance from college

UG/PG	No. of Students Receiving Financial Assistance from the College	Academic Year
UG	18	2016-17
	12	2015-16
	8	2014-15
	3	2013-14

29. Was any need assessment exercise undertaken before the development of new program(s)? If so, give the methodology.

Yes, When the college plans to a introduce new program, an informal survey on the industrial needs, number of colleges offering the program in the state and employment prospects for the program is carried out. Based on this the College introduces the new program after obtaining approval from the statutory bodies.

30. Does the department obtain feedback form

a. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize it?

Yes, the Department obtains feedback from the faculty on curriculum and discusses it in the department faculty meetings The Board of Studies of Department of Computer Science and Engineering was established in 2012 to improve and sustain the educational standards in the department. The Board of Studies Department of Computer Science and Engineering with the advice of the Departmental Advisory Board introduced many new courses that are helpful to enrich the quality logical aptitude skills.

The BoS members after critical discussion approves the course structure of B.Tech/M. Tech and also the breakup of percentage of credits and mandatory courses are verified by the Board. The necessary improvements if any are made in the curriculum and syllabi after discussion and due approval by the Board of Studies. Faculty also give self-evaluation about the teaching-learning-evaluation and this is also used for the faculty performance appraisal and for making improvements in the teaching learning process.

b. Students on faculty, curriculum as well as teaching-learning-evaluation

Student’s feedback on the faculty is obtained twice in a semester for all the courses. The feedback collected is analyzed by the senior faculty and Head of the Department. Based on

the feedback, the faculty member is rewarded by a letter of appreciation by HoD. The faculty performing below average are counselled and trained by senior faculty members to improve the performance. Corrective measures are initiated in the department. The performance of the faculty with respect to subject knowledge, sincerity, and devotion to work contributes to achieving the PEOs.

Feedback on Curriculum:

Yes, the Department obtains feedback on curriculum from the students, alumni, industry experts and is analyzed by the Department and put before the BoS for discussion and incorporation in the curriculum, if required. The Programme Assessment Committee (PAC) will prepare the Course Objectives and Course Outcomes well in advance and disseminate the same to all the stakeholders. The PAC assesses the attainment of Programme Outcomes, Programme Specific Outcomes.

c. Alumni and employers on the programmes and what is the response of the department to the same?

Feedback is obtained from the alumni and employers about the effectiveness of the programmes in terms of attainment of Program Outcomes (POs) and Programme Educational Objectives (PEOs). The feedback is consolidated by the Programme Assessment Committee (PAC) to quantify the attainment and to make necessary improvements in the programmes.

31. List the distinguished alumni of the department (maximum 10)

S.No	Name of the Alumni	Passing Year	Current Position/Designation	Name of the Company	Location
1	B.Shruthi	2011	Software Associate Engineer	Accenture	Hyderabad
2	Diviseema Nithya	2012	Quality Assurance Engineer	Virtusa	Hyderabad
3	Ravula Anusha	2012	Associate Consultant	Infosys	Pune
4	N.Akhilesh Kumar	2013	Data Architect	Mission Health,	Asheville, North Carolina 28803, Usa
5	Thoom Anusha	2013	HR Associate	Middle Earth HR	Hyderabad
6	Cheedhalla Pavitra	2014	Associate Software Engineer	Accenture	Noida

7	Pinthepu Haripriya	2014	Developer	Cigdem	Bangalore
8	M.Sai Kiran Reddy	2014	Developer	Mphasis	Hyderabad
9	G.Swetha	2015	Software Engineer	Infosys	Pune
10	S. Sai Srujan	2015	Software Engineer	TCS	Hyderabad

32. Give details of student enrichment programmes (special lectures/ workshops / seminars) with external experts
Academic Year 2012 -13

S No	Seminar/ Workshop/ Special Lecture	Title of the Programme	Name & Designation of External Experts	Date of the programme
1	Seminar	Inauguration of ISTE Student Chapter	Prof. D.N.Reddy Former V.C., JNTUH, Chairman ISTE, A.P. Section, And UGC Board Member	23/04/2012
2	Workshop	Research Methodologies	Conducted by IIT Bombay	25/06/2012 to 04/07/2012
3	Workshop	Data mining Tool (Weka)	Prof. T.V.Rajnikanth GRIET, Hyderabad	28/7/2012, 4/08/2012
4	Seminar	IEEE Student Chapter Inauguration	Dr.Atul Negi, Professor, Dept. of Computer and Information Sciences, University of Hyderabad & Chair of IEEE Hyderabad Section	28/07/2012
5	Workshop	Research Methodologies	Conducted by IIT Bombay	25/06/2012 to 04/07/2012
6	Workshop	Two day workshop on Aakash for education in Engineering	Conducted by IIT Bombay	10/11/12 & 11/11/12
7	Workshop	Web Designing	Mr.M.Ravi Kumar, Rainbow Finishing School, Hyderabad	15/02/2013
8	Workshop	Adobe Photoshop	Mr.M.Ravi Kumar, Rainbow Finishing School, Hyderabad	16/02/2013

10	Workshop	Digital Image Processing	Dr .G R Sinha Professor(EC),SSTI,BHILAI	25/02/2013, 26/02/2013
11	Workshop	Workshop on Aakash Android Application Programming	Conducted by IIT Bombay	23/02/13 & 24/02/13 & 02/03/13 & 03/03/13
12	Seminar	Inauguration of ACM Student Chapter	Mr. Madhan Kumar Srinivas ,Senior Member of Education And Research Unit, Infosys Ltd , Hyderabad	2/2/2013
13	Workshop	Workshop on Cloud Computing	Mr. Madhan Kumar Srinivas ,Senior Member of Education And Research Unit, Infosys Ltd , Hyderabad	2/2/2013
14	Workshop	2-Day Workshop on "Design and Analysis of Algorithms	Dr. Khaleel Ur Rahman Khan, Professor and Dean(Academics),Ace Engineering College	13/03/2013 &16/03 2013
15	Seminar	Artificial Intelligence using Computers	Dr.Suryakanth Gangashetty, Assistant Professor, International Institute of Information Technology (IIIT), Hyderabad.	18/03/2013
16	Workshop	Workshop on Adobe Photoshop	Mr .V. Raj Kumar, Cg Artist Dhaksha Interactive, Hyderabad.	07/08/2013 & 08/08/2013
17	Workshop	Workshop on Adobe Photoshop	Mr .V. Raj Kumar, Cg Artist Dhaksha Interactive, Hyderabad.	26/09/2013 & 27/09/2013
18	Seminar	Cyber Security and Malware Analysis	Mr. Sai Satish, CEO, Indian Servers	10/09/2013 & 11/09/2013
19	Seminar	Career Planning and Development	Mr.Kashyap Palivela, Product Manager, HP Academy, Hyderabad.	16/09/2013
20	Seminar	Career Planning and Development	Mr. Kasyap Palivela, Product Manager, HP Academy, Hyderabad.	30/12/2013

Academic Year 2013 - 14				
1	Seminar	Information Security and Education Awareness	Mr. P.Ram Consultant Software Architect, Hyderabad	25/02/2014
2	Seminar	First Webcast of Satya Nadella	Mr.Satya Nadella, CEO of Microsoft Corporation, Hyderabad, India	06/02/2014.
3	Seminar	Information Security and Education Awareness	Mr. P.Ram Consultant Software Architect, Hyderabad	25/02/2014
4	Seminar	Seminar on Ethical Hacking	Mr. Baba Shaheer CEO of Vaultrix, Hyderabad	8/8/2014.
5	Workshop	Workshop on Adobe Photoshop	Mr V Raj Kumar, CG Artist Dhaksha Interactive ,Hyderabad	28/10/2014 & 29/10/2014
				05/11/2014 & 06/11/2014
6	Workshop	Workshop on Blender	Mr V Raj Kumar, Cg Artist Dhaksha Interactive ,Hyderabad	05/03/2015 & 06/03/2015
7	Seminar	Cyber Security and Malware Analysis	Mr. Sai Satish, CEO, Indian Servers, Hyderabad	10/09/2013 & 11/09/2013
8	Seminar	Career Planning and Development	Mr.Kashyap Palivela, Product Manager, HP Academy, Hyderabad	16/09/2013
9	Special	Technical Quiz Contest	CSI student coordinators AGI, Hyderabad	9/10/2014
10	Special	A Talk on IEEE benefits and conducted an event "Technical Dumshal arts and Technical Quiz"	MR. John, Hyderabad section IEEE student member, VBIT, Hyderabad.	10/10/2014
11	Seminar	Guest Lecture On " Design Analysis And Algorithms"	Mrs. S.Durga Bhavani, Dept of Computer and Information Sciences, Hyderabad Central University.	8/10/2014

1 2	Special	Technical quiz contest	CSI student coordinators AGI, Hyderabad	9/10/2014.
1 3	Seminar	Enhancing the skills & creating more jobs	Mr.Balarama K.Varanasi PMP, President & founder, PSPI	5/11/2014.
1 4	Special	Tech Quiz	Milestone Tech hub pvt ltd.	23/12/2014
Academic Year 2014 - 15				
1	Workshop	Workshop on Case tools lab	Mr.Anirban, TechMahindra, Hyderabad	30/01/2015
2	Workshop	Training on html	Mr. M.Pavan Kumar Reddy Senior System Analyst, ebase Interactive, Hyderabad.	24/01/2015
3	Seminar	“Motivational skills”	Mr. Santosh Sridhar, Wipro Technologies, Hyderabad.	23/01/2015
4	Seminar	“Copy aptitude rights shortcuts”	Mr.Anil Nair, Ratriya Pvt Ltd., Hyderabad	26/02/2015
5	Workshop	Workshop on Blender	Mr V Raj Kumar, Cg Artist Dhaksha Interactive ,Hyderabad	05/03/2015 & 06/03/2015

33. List the teaching methods adopted by the faculty for the different programmes

- Chalk and Board
- Classroom lecture with demonstration
- Class room lecture with Power Point Presentation
- Lecture with Tutorial support
- Active Learning (Think-Pair-Share)
- Problem Based Learning
- Project Based Learning
- Group Discussion
- Assignment/Group Assignment
- Activity- based Learning
- Case Study
- Seminar
- NPTEL
- MOOCs

34. How does the department ensure that Programme Objectives are constantly met and Learning Outcomes monitored?

The attainment of Programme Objectives and the Learning Outcomes are ensured through proper curriculum design. The curriculum is designed with various theory, laboratory and elective courses to meet the Programme Educational Objectives, Programme Outcomes and Course Outcomes. Programme Outcomes are desirable graduate attributes at the time of graduation. Course Outcomes are the skills demonstrated by the students at the end of each course in the programme. Tools used to assess Course Outcome/Programme are Direct Assessment and Indirect Assessment is as follows: The Direct Measurement of Course Outcomes/Programme Outcomes are measurable based on the marks like mid exams, semester end exams, technical seminars, mini projects, major projects etc.

The Indirect Measurement of Course Outcomes is based on case studies are evaluated through CSP rubrics.

The Programme Educational Objectives are attained through Indirect Assessment tools such as Exit Survey, Alumni Survey and Employer Survey. Through regular interaction among the course instructors and course coordinators the efforts are taken to ensure the attainment of Course Outcomes.

35. Highlight the participation of students and faculty in extension activities

Students

S.No	Name of The Certification	In-charge Faculty Name
1	Microsoft Technology Associate	B. Ravindra Reddy
2	Spoken-Tutorial (FOSS)	K. Raghavendra Rao
3	Oracle	V. Jyothi
4	IBM DB2, RAD, LOTUS DOMINIO	P. Rajasekhar Reddy

36. Give details of “beyond syllabus scholarly activities” of the department

The following Value added Course are part of the curriculum

- Logical Reasoning and Quantitative Aptitude I & II
- Personality Development
- Free Open Source Software tutorials.
- Gender Sensitization
- Soft Skills

Students are encouraged to attend the training/ Workshops

- Windows 8 App Development programme
- Web Design

- Adobe Photoshop
- Web Application Development using RAD and DB2
- IBM lotus Domino
- Machine Learning
- IBM Bluemix
- IBM Work light
- Codevita Contest
- Mini projects
- Certifications such as Oracle, Microsoft, Redhat Linux, Big Data University and Rackspace
- Industrial visit

37. State whether the programme / department is accredited / graded by other agencies. Give details.

B.Tech CSE is accredited by NBA in the year 2009.

38. Detail any five strengths, weaknesses, opportunities and challenges (SWOC) of the department

Strengths

- Well established Infrastructure
- Teaching Learning Process through ICT
- Well experienced faculty
- Self-motivation among faculty members
- Better Rank holders
- Good Placements
- Outcome-based curriculum for Industry readiness
- MoU with Industry

Weakness

- R&D Projects
- Patents

Opportunity

- National/International Workshop/Seminar
- e-journals available
- Industry- based curriculum
- Research Publications

Challenges

- Establishing Multi-disciplinary Lab
- Adopting new technologies

39. Future plans of the department

- Number of Funded Projects from various National agencies
- Establishment of Big Data Analytics Laboratory
- Number of Patents
- Collaboration with foreign universities

Evaluative Report of Electronics and Communication Engineering (ECE) Department

1. Name of the department & its year of establishment.

Name of the department : Electronics and Communication Engineering

Year of Establishment : 2002

2. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)

S. No.	Name of the Programmes offered	Remarks (UG, PG, Ph.D)
1	B.Tech-Electronics and Communication Engineering	UG
2	M.Tech-VLSI System Design	PG
3	M.Tech-Embedded Systems	

3. Interdisciplinary Courses and Departments Involved

S. No.	Name Of the Course	Name of the Department Offering the course
Theory Courses		
I	1.English-I	English
	2.English-II	
II	3.Mathematics-I	Mathematics
	4.Mathematics-II	
	5.Mathematics-III	
	6.Mathematics-IV	
III	7.Engineering Physics-I	Physics
	8.Engineering Physics-II	
IV	9.Engineering Chemistry	Chemistry
V	10.Engineering Graphics	Mechanical Engineering
	11.Mechtronics	
VI	12.Computer programming	Computer Science and Engineering
	13.Object Oriented Programming through Java	
	14.Computer Networks	
VII	15.Electrical Circuits	Electrical and Electronics Engineering
	16.Principles of Electrical Engineering	
VIII	17.Environmental Studies	Chemical Engineering
IX	18.Gender Sensitization	MBA
	19.Management Science	
	20.Managerial Economics and Financial Accounting	
	21.Human values and Professional Ethics	

S. No.	Name Of the Course	Name of the Department Offering the course
Practical Courses		
I	1.Computer programming Lab-I	Computer Science and Engineering
	2.Computer programming Lab-II	
II	3.Principles of Electrical Engineering Lab	Electrical and Electronics Engineering

4. Annual/ Semester/Choice Based Credit System

Annual/semester/ : UG –Semester system
 Choice based credit system : PG-Semester system
 (Program wise)

5. Participation of the department in the courses offered by other departments.

S.No	Interdisciplinary Courses offered	Name of the Departments Involved
1	Electronic Devices and Circuits	Computer science Engineering
2	Microprocessor and Interfacing	
3	Digital Logic Design	
4	Electronic Devices and Circuits	Electrical and Electronics Engineering
5	Switching Theory and Logic Design	
6	Microprocessor and Microcontroller	
7	Microprocessor and Microcontroller Lab	Information Technology
8	Electronic Devices and Circuits	
9	Basic Electrical and Electronics	Mechanical Engineering

6. Number of Teaching Posts Sanctioned and Filled (Professors/Associate Professors/Asst. Professors)
Number of teaching posts

Teaching Post	Sanctioned	Filled
Professors	2	2
Associate Professors	10	10
Asst. Professors	49	49

7. Faculty Profile with Name, Qualification, Designation, Specialization (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

S. No	Name	Qualification	Designation	Specialization	Total experience in years	Ph.Ds guided in last 4 years
1	Dr. K. S. Rao	M.Tech(E&I), Ph.D	Professor	Biomedical Signal processing, Low Power VLSI	28	5
2	Dr. Satees Kumaran	ME(VLSI system Design),Ph.D	Asso. Prof	Image processing, Communications, VLSI	16	4
3	Prof. N. Renuka Chary	M.Tech (Embedded communications), Ph.D	Professor	Satellite Communications,	35	4
4	Prof. C. Raja Kumar	ME(Optical Communications), Ph.D	Asso. Prof	Image processing, Digital communications	15	4
5	Dr. Md. Farukh Hashmi	M.Tech (Image processing), Ph.D	Asso. Prof	Embedded systems, Speech and signal processing	5	4
6	Mr. Hari Shankar Srivatsva	M.Tech(VLSI and Embedded) ,Ph.D	Asst. Prof	Low Power VLSI, Analog Circuit Design, Video Signal Processing	9	NIL
7	Mrs. A. KrishnaKumari	M.Tech(Electronics and Instrumentation) .(Ph.D)	Asso. Prof	Signal Processing, Electronic Circuit analysis	30	NIL
8	Mrs. M. Santhosh	M.Tech(ECE),(Ph.D)	Assoc Prof	Image processing, Signal and Speech Processing	16	NIL
9	Mrs. K. HariPriya	M. Tech(ECE),(Ph.D)	Assoc Prof	Embedded Systems, Low power VLSI	11	NIL
10	Mr. D. Narender Singh	M.Tech(Embedded systems) ,(Ph.D.)	Asso. Prof	Microcontrollers, Embedded Systems	7	NIL
11	Mr. V. Vinay Kumar	M.Tech (DSCE)	Assoc Prof	Embedded Systems, Microcontrollers	6	NIL

12	Mr. G. SrinivasRaju	M.Tech (VLSI system design)	Assoc Prof	Microwave Engineering, Satellite Communication	6	NIL
13	Mr. K. Haripal Reddy	M.Tech (DSCE)	Assoc Prof	Signal processing, Probability theory and stochastic process	4	NIL
14	Ms. T. Annamani	M.Tech (DSCE)	Asst Prof	Computer Networks, Microwave Engineering	12	NIL
15	Mrs. M. Kusuma Sri	M.Tech (SSP)	Asst Prof	Signal Processing, Microwave Engineering	11	NIL
16	Mr. T. Rajesh	M.Tech (VLSI system design)(Ph.D)	Asst Prof	Power Electronics, Low power VLSI	9	NIL
17	Mr. M. Murali Krishna	M.Tech (VLSI system design)	Asst Prof	Computer networks ,Electromagnetic theory	9	NIL
18	Mrs. Neethu Srivatsava	M.Tech (Digital Communication)	Asst.Prof of	Electronic Devices,Digital Electronics	9	NIL
19	Mrs. Naga Swetha R	M.Tech (Embedded systems)	Asst Prof	Microcontrollers, Electronic Instrumentation	8	NIL
20	Mr. K. Sai Krishna	M.Tech (DECS)	Asst Prof	Image processing, Integrated circuits	8	NIL
21	Mr. B. Harish	M.Tech (Embedded systems)	Asst Prof	Probability theory and stochastic process, Embedded systems	8	NIL
22	Mrs. M. Vijaya Lakshmi	M.Tech(DECS)	Asst Prof	Digital Communication, Digital system design	8	NIL
23	Mrs.B. Pavitra	M.Tech(Embedded systems)	Asst Prof	Linear Integrated Circuits, Microprocessors and microcontrollers	8	NIL

24	Mr. E Srinivas	M.Tech (VLSI System design),(Ph.D)	Asst Prof	Low power VLSI, Digital Design	7	NIL
25	Mr. A.Madhusudan	M. Tech (Lasers and electro optical engineering)	Asst Prof	Digital Signal Processing, Communication Systems	7	NIL
26	Mr. K. Ch. Pratap Kumar	M.Tech (VLSI system design)	Asst Prof	Digital Design, ASIC Design	7	NIL
27	Mr. B. Raja Sekhar	M.Tech (Communication systems)	Asst Prof	Antenna wave propagation, Digital signal processing	7	NIL
28	Mr. P. Ramakrishna	M.Tech (VLSI System design), (Ph.D)	Asst Prof	Low power VLSI, Digital Signal processing	6	NIL
29	Mr. R. Ramprakash	M.Tech (VLSI system design)	Asst Prof	Low power VLSI, Algorithms for VLSI	6	NIL
30	Mrs. B. HemaLatha	M.Tech(DECS)	Asst Prof	Microwave Engineering, Speech processing	6	NIL
31	Mr. L. Praveen Kumar	M.Tech (Communication systems)	Asst Prof	Antenna Wave propagation, Image processing	6	NIL
32	Mr. Kumar Neeraj	M.Tech (Electronic Information System)(Ph.D)	Asst Prof	Embedded systems, Networks	6	NIL
33	Mr. T. Santosh Kumar	M.Tech (VLSI system design)	Asst Prof	Electromagnetic Theory ,Antenna wave propagation	6	NIL
34	Mr. M. Kiran Kumar	M.Tech(VLSI system design)(Ph.D)	Asst Prof	Low power VLSI, Electronic devices and circuits	5	NIL
35	Mr.ShaikNayabRasool	M.Tech(WMC)	Asst Prof	Communication systems,Image processing	5	NIL
36	Mr.Anil Kumar Gona	M.Tech(Communication systems)	Asst Prof	Mobile Communications, Digital System Design	5	NIL
37	Ms.M.Venkatalakshmi	M.Tech(VLSI system design)	Asst Prof	Low power VLSI, Embedded Systems	5	NIL

38	Mrs.AmritaSajja	M.Tech(VLSI system design)	Asst Prof	Analog Communication	5	NIL
39	Mr.N.SharathBabu	M.Tech(DECS)	Asst Prof	Image processing, Probability theory and stochastic process	5	NIL
40	Mr.M.Shiva Kumar	M.Tech(VLSI system design)	Asst Prof	Antenna Design, VLSI testing	4	NIL
41	Mr.K.Subba Reddy	M.Tech(VLSI system design)	Asst Prof	Low power VLSI,	4	NIL
42	Mr.B.Santosh Kumar	M.Tech(VLSI system design)	Asst Prof	Satellite communication, Radar Engineering	3	NIL
43	Mrs.T.HemaLatha	M.Tech(VLSI system design)	Asst Prof	Digital design	3	NIL
44	Ms.Gurram Soni	M.Tech(VLSI system design)	Asst Prof	Digital electronics	3	NIL
45	Mr.SR. CH. Murthy Tommandru	M.Tech(DSCE)	Asst Prof	Integrated Circuits,VLSI Programming	2	NIL
46	Mr.L.Venkanna	M.Tech((Electronics and Communications Engineering))	Asst.Prof	Digital Electronics	1	NIL
47	Ms.G.Ashwini	M.Tech(Embedded systems)	Asst Prof	Linear Integrated Circuits,Microprocessors and microcontrollers	1	NIL
48	Mr.D.RamBabu	M.Tech(VLSI system design)	Asst Prof	Basic Electronics	1	NIL
49	Mrs.J.Aparna	M.Tech(VLSI system design)	Asst Prof	Electronic Devices and Circuits	1	NIL
50	Mr.P.Praveen Kumar	M.Tech(DECS)	Asst Prof	Basic Electronics	1	NIL
51	Ms.P.Navya	M.Tech(VLSI system design)	Asst Prof	Digital system Design	1	NIL
52	Mr.Azra	M.Tech(VLSI system design)	Asst Prof	Electronic devices and circuits	1	NIL
53	Ms.Meghana	M.Tech(VLSI system design)	Asst Prof	Analog electronics	1	NIL
54	Mr.A.Nikhil	M.Tech(VLSI and Embedded systems)	Asst Prof	Microcontrollers and micro	1	NIL
55	Ms.P.Shailaja	M.Tech(VLSI system design)	Asst Prof	Pulse and digital circuits	1	NIL

56	Mrs.Navatha	M.Tech(Electronics and Communications Engineering)	Asst.Pr of	Analog Electronics	1	NIL
57	Mr.L.Venkat Reddy	M.Tech(Communications Systems)	Asst Prof	Analog and Digital Communications	0	NIL
58	Mr.M.Veeranjaneyulu	M.Tech(VLSI system design)	Asst Prof	Digital design	0	NIL
59	Mr.R.Varun	M.Tech (VLSI system design)	Asst Prof	Computer Organisation, Micro controllers	0	NIL
60	Ms.K.Kavitha	M.Tech(Communication Systems)	Asst Prof	Signal Processing, Analog Communication	0	NIL
61	J Sudharani	M.Tech	Asst Prof	Signal Processing, Analog Communication	0	NIL

8. Percentage of Classes taken by Temporary Faculty – Programme-wise Information

NIL

9. Programme wise student teacher ratio (Excluding first year).

Student-Teacher Ratio: B.TECH (1:15), M.TECH (1:12) (programme wise)

10. Number of academic support staff (technical) and administrative staff sanctioned and filled.

	Sanctioned	Filled
Technical Staff	13	13
Administrative Staff	4	4

11. Number of faculty with ongoing projects from a) National b) International Funding Agencies and c) Total Grants Received. Mention Names of Funding Agencies and Grants Received
Project-wise

Number of faculty with ongoing : NIL

(Projects from a)National

b) International funding agencies and grants received

12. Departmental Projects Funded by DST-FIST; DBT, ICSSR, Etc.; Total Grants Received

Departmental projects funded by : NIL

DST-FIST; UGC, DBT, ICSSR, etc. and total grants received

13. Research Facility / Centre with

State Recognition

Research centre/facility : NIL
 Recognized by the University

14. Publications:

Publication Details of the faculty.

S.no	Year	Papers published by the faculty in International / National journals	Papers published by the faculty in International / National conferences
1	2012-13	23	2
2	2013-14	11	-
3	2014-15	08	1
4	2015-2016	15	3
5	2016-till date	05	1

- | | | |
|---|--------------------------------|------------------------------------|
| 1 | Citation Index- Range/ average | Range: 0-14 |
| 2 | Impact Factor- Range/ average | Range:0.109 - 3.04
Average: 1.2 |
| 3 | h- index | 0 - 8 |

2012-13

S. No.	Author	Title of the paper	Name of the journal	Volume no; issue no; pages; year of publication; ISSN number
1	Dr. K. S. Rao	"FPGA Implementation of EVD Processor For Fast ICA Application	International Journal of Electronics Communication and Computer Engineering	Vol-2, issue-1, nov-12 2249-071x
2	Mrs. A. Krishna Kumari	"An Efficient System On-Chip Bus With OCP Interface"-2011	International Journal of Electronics Communication and Computer Engineering	Vol-3,nov-12 2249-071x
		"Optimized Motion Detection Based Security System Using ARM9 And Linux	International Journal of Electronics Communication and Computer Engineering	Vol-3,nov-12 2249-071x
		"Classification Of Cardiac Arrythmia's Based On Morphology Using Neural Networks "	International Journal of Electronics Communication and Computer Engineering	Vol-2, nov-12
		Architecture of an AHB complaint SDRAM memory controller	International Journal of Innovations in Engineering and Technology	Vol--2, issue-1 105-112 Feb-13 2319-1058
3	Mr. M.Gopi	Removal Of High-Density Salt And Pepper Noise Through Modified Decision Uncemetric Trimmed Median Filter	International Journal of Science and Research	Vol-2, issue-3 Mar-13 2319-7064
		VHDL Implementation Of Direct, Pipelined And Distributed FIR Filters	International Journal of Electronics Communication and Computer Engineering	Vol-4, issue-2 Mar-13 2249-071x

4	Mrs.K. Hari Priya	“Classification Of Cardiac Arrythmia’s Based On Morphology Using Neural Networks “	International Journal of Electronics Communication and Computer Engineering	Vol-2, nov-12
		EEPROM memory controller architecture for an out of order execution	International Journal of science and research	Vol-2,issue-3 5,6 Mar-13 2319-7064
		VLSI motion estimation architecture fir full search block matching algorithm	International Journal of science and research	Vol-2,issue-2 132-133 Feb-13 2319-7064
5	Mr. G. Srinivas Raju	Design and implementation of the lab remote monitoring and controlling system based on embedded web technology -2013	International Journal of science and research	Vol-3, issue - 3 1,2,3,4 Mar-13 2250-3153
		A New design for enhancing security in Bluetooth communication with triple DES -2013	International Journal of science and research	Vol-2, issue-2 Feb-13 2319-7064
6	Mr. D. Narender Singh	Vehicle speed limit alerting and crash detection system at various zones	International Journal of Latest Trends in Engineering and Technology	Vol-2,issue-1 108-113 JAN-13 2278-621x
7	Mr.P.Ramakrishna	Design of high performance serial multiplier	International Journal of Electrical and Computer Engineering	Vol-2, issue-2 May-13 2278-9901
		Digital signature based fax machine using ARM9	International Journal of Electronics Communication and Computer Engineering	Vol-4, issue-1 212-214 Jan-13 2249-071x
		Enhanced security encryption scheme for lower bit error rates for use in noisy transmission media	International Journal of Electronics Communication and Computer Engineering	Vol-4, issue-1 1619-1623 Jan-13 2249-071x

		Multi resolution AHB bus tracer with real time compression for SOC	International journal of electronics communication and computer engineering	Vol-4, issue-1 1624-1632 Jan-13 2249-071x
8	Mr.R.Ramprakash	Design Of IEEE 754 Floating Arithmetic Processor	International Journal of science and research	Vol-2, issue-3 Mar-13 2319-7064
9	Mr.L.Praveen Kumar	FPGA Implementation Of Real Time Ethernet Communication Using RGMII. Interface	International Journal of science and research	Vol-2, issue-3 175-177 Mar-13 2277-8179
		Cursor Movements Controlled By Real Time Hand Gestures	International Journal of science and research	Vol-2,issue-2 283-286 Feb-13 2319-7064
10	Mr. A. Madhusudan	FPGA Implementation Of PICO Blaze Based Embedded System For Monitoring Applications	International Journal of science and research	Vol-2, issue-3 61-64 Mar-13 2319-7064
11	Mr. K. Ch. Pratap Kumar	Patient Monitoring System	International Journal of science and research	Vol-2, issue-2 418-422 Feb-13 2319-7064
		Design Of A Configurable Transmission Device For Interface Of A High Speed Soc With Low Speed Components	International Journal of Electronics Communication and Computer Engineering	Vol-3,issue-6 1357-1359 Nov-12 2249-071x

2013-14

S. No.	Author	Title of the paper	Name of the journal	Volume no; issue no; pages; year of publication ; ISSN number
1	Dr.K.S.Rao	Design of ultra low power 8-channel analog multiplexer using dynamic threshold for biosignals	International journal of VLSI design and communication systems	Vol-4, issu-5 97-106 Oct-13
2	Mrs.A.Krishna Kumari	DHT precoded AMS scheme for papr reduction in SFBC of dm systems	International journal of engineering research and technology	Vol-2, issue-11 3300-3302 Nov-13 2278-0181
3	Mr.M.Gopi	An high speed two's complement multiplier realization in FPGA	International journal of engineering research and technology	Vol-2,issue-11 155-159 Nov-13 2278-0181
4	Mrs.K. Hari Priya	FPGA implementation of polyphase filter bank and packetized signal processor for frequency spectrum generation	<i>International journal on information theory</i>	Vol-1, issue-5 477-481 Oct-13 2321-8665
		Fpga implementation of a marginalized particle filter for delineation of p and t waves of ecg signal	International journal of technology enhancements and emerging engineering	Vol-1, issue-4 74-79 Oct-13 2347-4289
5	Mr.D.Narendr Singh	Real time vehicle theft identity and control system based on ARM9-2013	International Journal of Latest Trends in Engineering and Technology	Vol-2, issue-1 240-245 Jan-13 2278-621x
6	Mr.P.Ramakrishna	Design of ultra low power 8-channel analog multiplexer using dynamic threshold for biosignals	International journal of VLSI design and communication systems	Vol-4, issue-12 634-638 Dec-13 2250-2459
		Design of low power cmos limiting amplifier using negative impedance	Internatinal Journal of Emerging Technology and Advanced Engineering	Vol-3, dec-13

7	Mr. Nayab Rasool	Ionospheric variability of low and equatorial latitude regions over india - a study using rabbit on board youth sat	Indian journal of radio & space physics	Vol-42, 136-142 Mar-13
8	R. Ramprakash	Design of high speed CAVLC encoder and decoder with parallel data path	International Journal of Innovations in Engineering and Technology	Vol-2, issue-1 6,7,8,9,10 Feb-13 2319-1058
9	B.Kamalakar	An adaptive weight algorithm for removal of impulse noise	The International Journal of Pure and Applied Research in Engineering and Technology	Vol-2,issue-4 89-99 Dec-13 2319-507x

2015-16

S.no	Author	Title of the paper	Name of the journal	Volume no; issue no; pages; year of publication; ISSN number
1	Dr. K. S. Rao	"A Low Power Low noise Amplifier for Recording Neural Signals"	ARPJN Journal of Engineering and Applied Sciences	Vol-11, Issue-5, 2016,1819-6608
		"FPGA Based Design and Implementation for Detecting Cardiac Arrhythmias"	ARPJN Journal of Engineering and Applied Sciences	Vol-11, Issue-5, 2016,3513-3518 1819-6608
		"A low power cmos analog circuit design for acquiring multichannel eeg signals"	International journal of VLSI design and communication systems	Vol-6, Issue-1, 2015, 0976-1357
		"A Low Power Decoding Circuitry for a Multi Channel Data Acquisition System using Gate Diffusion Input	International Journal of Electronics Communication and Computer Engineering	Issue-3, Vol-6, 2015, 2249-071X
2	Mr.P.Ramakrishna	Implementation of Fault Diagnosis Scheme for Clefia Algorithm	International Journal of Engineering Trends and Technology	Issue-1, Vol-34, 2016, 43-49,2455-0124

		Implementation of 16:1 Multiplexer in Low Power Quaternary Logic Look Up Table	Global Journal For Research Analysis	Issue-4, Vol-05, 2016,238-240,2277-8160
4	E. Srinivas	FPGA implementation of low power and high speed 64-bit multiply accumulate unit for wireless applications	International journal of science and research	Vol-5,issue-4,april-2016,1603-1609,2319-7064
		A novel methodology of simulation and realization of various opamp topologies in 0.18um cmos technology using matlab	International journal of VLSI design and communication systems	Vol-6,issue-5,oct-2015, 1-14,0976-1357
		An optimized device sizing of cmos-opamp using multi objective genetic algorithm	International journal on cybernetics &informatics	Vol-05, issue-4, 2016, 297-306
		FPGA implementation of cryptographic algorithm using ASCII conversions for secure communications	International journal of science and research	Vol-5,issue-4,april-2016,1603-1609,2319-7064
5	Mrs.K. Hari Priya	Design of 32 bit low power RISC porcessor for dsp applications	International Journal of Engineering Trends and Technology	Issue-1, Vol-34, 5-14,2016, 2455-0124
		“FPGA Based Design and Implementation for Detecting Cardiac Arrythmias”	ARPJ journal of Engineering and applied sciences	Issue-5, Vol-11, 3513-3518, 2016,1819-6608
6	N.Shivakumar	Light weight cellular automata computations and symmetric key for achieving efficeint cryptogrophy	International journal of emerging engineering research and technology	Issue-12, Vol-03, 2015
7	M.Kirankumar	Design of low voltage D-flip flop using MOS current mode logic (MCML) for high frequency applications with EDA Tool	International journal of semiconductor science & technology	Issue-2, Vol-5,2016,0975-6493
		A CMOS Power Efficient Analog Integrated Circuits for Neural Signal Acquisition	International journal of engineering trends and technology	Issue-5, Vol-23, 2015, 2455-0124

15. Details of patents and Income generated : NIL

16. Areas of consultancy and Income generated : NIL

17. Faculty recharging strategies

Faculty Recharging Strategies

S.No	Type of recharging strategies	2012-13	2013-14	2014-15	2015-16	2016-till date
1	FDP		1	1	7	3
2	conferences	2	3	1	6	
3	Workshops/seminars	11	13	13	44	2
4	Certification programs	1		4	1	

2016-17

S.No	Name of the faculty	Event attended and on	Organized by; Venue; place.,	Date
1	Mr. G. Srinivasa Raju	FDP on "Microwave Engineering and Circuits"	National Institute of Technology, Warangal	13-09-16 to 23-09-16
2	Dr. Mohammad Farukh Hashmi	FUP on "Digital VLSI system design" using verilog HDL	CDAC, Hyderabad	01-08-16 to 05-08-16
3.	Mr. D. Narendhar Singh	FDP on "Soft Skills"	NITW	11-16 th July, 2016
4.	J.Sudha Rani	FUP on "Digital VLSI system design using verilog HDL"	CDAC, Hyderabad	01-08-16 to 05-08-16
5.	K. HariPriya	FDP on "Soft skills"	NITW	11-16 th July, 2016

2015-16

S.no	Name of the faculty	Event attended and on	Organized by; Venue; place.,	Date
1	Dr. K.S.Rao	One day workshop "Digital Design through Arduino"	IITH	21-04-2016
2.	Prof. A. Krishna Kumari	One day workshop "Digital Design through Arduino"	IITH	21-04-2016

3	G.Srinivas Raju	Two days workshop on "Applications of Matlab and Simulink in Engineering Education"	AGOI	30-31 st October,2015
4	L. Praveen Kumar	Two days workshop on "Applications of Matlab and Simulink in Engineering Education"	AGOI	30-31 st October,2015
5	J.Sudha Rani	One week workshop on "Statistical Analysis for Signal and Image Processing"	JNTUH	30-11-15 TO 05-12-15
6	Dr. Md. Farukh Hashmi	One day workshop on "Digital Design through Arduino"	IITH	21-04-2016
7	J.Sudha Rani	One day workshop on "Digital Design through Arduino"	IITH	21-04-2016
8	J.Sudha Rani	Two days workshop on "Applications of Matlab and Simulink in Engineering Education"	AGOI	30-31 st October,2015
9	T.Santhosh Kumar	Two days workshop on "Applications of Matlab and Simulink in Engineering Education"	AGOI	30-31 st October,2015
10	M.Murali Krishna	Two days workshop on "Applications of Matlab and Simulink in Engineering Education"	AGOI	30-31 st October,2015
11	M.Murali krishna	One day workshop on "Digital Design through Arduino"	IITH	21-04-2016
12	M.Murali Krishna	One day conference on "FET based analog circuits"	Vasavi College of Engineering, Hyderabad	27-11-2015
13	M. Murali Krishna	One day conference on "CMOS Temperature Sensors"	Vasavi College of Engineering, Hyderabad	27-11-2015
14	D.Narendhar Singh	One day tutorial on "IOT and Low voltage analog design"	HICC Novotel, Hyd	13-12=2015
15	Mr. Kumar Neeraj	One day workshop on "Digital Design through Arduino"	IITH	21-04-2016
16	D.Narendhar Singh	One day workshop on "Digital Design through Arduino"	IITH	21-04-2016
17	D. Narendhar Singh	Two days workshop on "Applications of Matlab and Simulink in	AGOI	30-31 st October,2015

		Engineering Education”		
18	M.Kusumasri	Two days workshop on “Applications of Matlab and Simulink in Engineering Education”	AGOI	30-31 st October,2015
19	M.Kusumasri	One week FDP on “Digital Signal Processing – Fundamentals and applications”	Geethanjali College of Engineering and Technology	30-11-15 to 05-12-15
20	M. Santhosh	Two days workshop “Applications of Matlab and Simulink in Engineering Education”	AGOI	30-31 st October,2015
21	V.Vinay kumar	International conference on “Innovation in Computer science and information technology”	MGIT, Hyderabad	28 th and 29 th August, 2015
22	Sharath Babu	Two days workshop on “Applications of Matlab and Simulink in Engineering Education”	AGOI	30-31 st October,2015
23	L.Praveen Kumar	Two days workshop on “Applications of Matlab and Simulink in Engineering Education”	AGOI	30-31 st October,2015
24	G.Anil Kumar	Two days workshop on “Applications of Matlab and Simulink in Engineering Education”	AGOI	30-31 st October,2015
25	P.Satyanarayana Goud	Two days workshop on “Applications of Matlab and Simulink in Engineering Education”	AGOI	30-31 st October,2015
26	J.Sudha Rani	One week workshop on “Statistical analysis for signal and Image processing”	Narayanamma Institute of Technology and Science, Hyd	30-11-2015 to 05-12-2015
27	Harish.B	One week workshop on “Statistical analysis for signal and Image processing”	Narayanamma Institute of Technology and Science, Hyd	30-11-2015 to 05-12-2015

28	B.V.S.L. Bharathi	One week workshop on "Statistical analysis for signal and Image processing"	Narayanamma Institute of Technology and Science, Hyd	30-11-2015 to 05-12-2015
29	N. Sharath Babu	One week workshop on "Statistical analysis for signal and Image processing"	Narayanamma Institute of Technology and Science, Hyd	30-11-2015 to 05-12-2015
30	Parijatha Nathi	One week FDP on "Digital Signal Processing – Fundamentals and Applications"	Geethanjali College of Engineering and Technology,Hyd	30-11-2015 to 05-12-2015
31	M.Santhosh	One week FDP on "Digital Signal Processing – Fundamentals and Applications"	Geethanjali College of Engineering and Technology,Hyd	30-11-2015 to 05-12-2015
32	M.Kusumasri	One week FDP on "Digital Signal Processing – Fundamentals and Applications"	Geethanjali College of Engineering and Technology,Hyd	30-11-2015 to 05-12-2015
33	A. Madhusudan	One week FDP on "Digital Signal Processing – Fundamentals and Applications"	Geethanjali College of Engineering and Technology,Hyd	30-11-2015 to 05-12-2015
34	Naga Swetha	One day workshop "Emerging trends in cloud computing"	JNTUH	21-12-2015
35	B.Pavitra	One day workshop on "Emerging trends in cloud computing"	JNTUH	21-12-2015
36	V. Vinay Kumar	International conference on "Research advancements in Engineering, science and information technology"	BV Raju institute of technology,Hyd	15th and 16th December, 2015
37	M.Santhosh	One day workshop on "Digital Design through Arduino"	IITH	21-04-2016
38	V.Vinay Kumar	One day workshop on "Digital Design through Arduino"	IITH	21-04-2016

39	Mrs. B. Pavitra	One day workshop on "Digital Design through Arduino"	IITH	21-04-2016
40	K.Ch. Pratap Kumar	One day workshop on "Digital Design through Arduino"	IITH	21-04-2016
41	T.S.R.CH.Murthy	One day workshop on "Digital Design through Arduino"	IITH	21-04-2016
42	Sk. Nayab Rasool	Two days workshop on "Research opportunities in cognitive radio and its applications"	CBIT,Hyd	29th-30th Jan, 2016
43	P.Satyanarayana Goud	Two days workshop on "Research opportunities in cognitive radio and its applications"	CBIT,Hyd	29th-30th Jan, 2016
44	Subba Reddy.K	FUP on "Digital VLSI System Design using verilog HDL"	CDAC,Hyd	18-01-2016 to 22-01-2016
45	Kumar Neeraj	Two days FDP on "Mentor Development Programme"	Bharatoua Yuva shakti trust	24-02-2016 to 25-02-2016
46	Mrs. Kusumasri	One day workshop on "Digital Design through Arduino"	IITH	21-04-2016
47	Kumar Neeraj	International conference on "Transportation in Engineering" Education	ICTIEE 2016,Pune	8th -12th Jan,2016
48	M. Venkatalaxmi	Two week FDP on "Aspects of IC Design"	NITW	08-02-2016 to 17-02-2016

2014-15

S.No	Name of the faculty	Event attended and on	Organized by; Venue; place.	Date
1	J.V.Sharma	One week FDP "Recent advances in VLSI"	OU, Hyderabad	9 th -14 th June,2014
2	J.V.Sharma	4 days workshop on "Phase I of the IUCEE-IGIP Engineering Educators"	BMS College of Engineering, Bengaluru	9-12 th Jan,2015
3	J.V. Sharma	5 days workshop on "GNSS signals and Receiver Algorithms"	OU, Hyderabad	5-9 th August,2014
4	J.V. Sharma	One day workshop on "MATLAB and Simulink for Engineering Education"	Mathworks,India	11-08-2014
5	G.M. Anitha Priyadarshini	Two days workshop on "Active Learning and Project based learning methods in Engineering"	VJIT, Hyd	14-15 July,2014
6	G.M. Anitha Priyadarshini	One days workshop on "NAAC Accreditation and Assessment in higher education institutions"	Anurag Engineering College, Hyd	11-03-2015
7	Hema Latha	Two week short term training programme on "National Mission on Education through ICT"	IIT Bombay	5-7 th and 19 th -21 st Jan,2015
8	K.Haripriya	3 days workshop on "Integrating innovative entrepreneurship with Engineering Education"	BMS college of Engineering	6-8 Jan,2015
9	K.Haripriya	Two days international conference on "Transformation in Engineering Education"	BMS college of engineering	6-8 Jan,2015
10	K.Haripriya	National workshop on Convergence of	OU, Hyd	1-8-2014

		NBIC for Biomedical Innovations		
11	K.Haripriya	Two days professor summit on “Embedded system design using Atmel XMEGA-A3BU XPLD and ARM based SAM D20 XPLD”	Atmel India university coordination with JNTUH	5 th -6 th August,2014
12	E. Srinivas	Analog IC design camp	Muffakham Jah college of engineering and technology	29 th December,2014-3 rd January,2015
13	Narendhar Singh D	One week FUP on “Embedded system design using ARM cortex M3”	CDAC, Hyd	4-8-2014 to 9-8-2014
14	Narendhar Singh D	Two days national workshop on “Active learning and project based learning methods in engineering”	VJIT, Hyd	14 &15 July,2014
15	D. Narendhar Singh	JNTUH-EXCITE Summer product engineering workshop	JNTUH, Hyd	28-05-2015 to 27-06-2015
16	V.Vinay kumar	National conference on “Recent trends in VLSI,Embedded systems, signal processing and communication”	VVP Institute of Engineering and technology,Solapur	7-2-2015
17	Shaik Nayab Rasool	Short term course on “RF Circuits and systems for industrial applications”	IIT,Kanpur	8-12 september,2014
18	D. Manjula Rani	Two week short term training programme on pedagogy for effective use of ICT in engineering education	IIT,Bombay	5 th -7 th and 19 th -21 st Jan, 2015
19	B.Pavitra	Two days professor summit on “Embedded system design using Atmel XMEGA-A3BU XPLD and ARM based SAM D20 XPLD”	Atmel india university	5-8-2014 to 6-8-2014

2013-14

S. No.	Name of the faculty	Event attended and on	Organized by; Venue; place.,	Date
1	Krishna Kumari	Two week ISTE workshop on "Signals and Systems"	National mission on education through ICT	2-12 th Jan,2014
2	G.M.Anitha Priyadarshini	Pre conference workshop on "Ubiquitous hands on learning using mobile laboratory instruments"	BUB college of engineering and technology,Hubli	16-01-2014
3	G.M.Anitha Priyadarshini	One week coordinators workshop on "Signals and systems"	IIT,Kharagpur	30-09-2013 to 4-10-2013
4	B.Hemalatha	Two week ISTE workshop on "Analog Electronics"	IIT,Kharagpur	4 th -14 th June,2013
5	K.Haripriya	Two week ISTE workshop on "Analog Electronics"	IIT,Kharagpur	4 th -14 th June,2013
6	K.Haripal Reddy	Two week ISTE workshop on "Analog Electronics"	IIT,Kharagpur	4 th -14 th June,2013
7	P.Ramakrishna	Two week ISTE workshop on "Analog Electronics"	IIT,Kharagpur	4 th -14 th June,2013
8	P.Ramakrishna	Faculty summit on "VLSI & Embedded systems"	Lemon Tree	1-2-2014
9	D.Narendhar Singh	Two week ISTE workshop on "Analog Electronics"	IIT,Kharagpur	4 th -14 th June,2013
10	D.Narendhar Singh	Two week ISTE workshop on "Signals and Systems"	National mission on education through ICT	2-12 th Jan,2014
11	V.Vinay Kumar	Two week ISTE workshop on "Analog Electronics"	IIT,Kharagpur	4 th -14 th June,2013

12	Kiran Kumar	Two week ISTE workshop on "Signals and Systems"	National mission on education through ICT	2-12 th Jan,2014
13	M.Kiran Kumar	Two week ISTE workshop on "Analog Electronics"	IIT,Kharagpur	4 th -14 th June,2013
14	D. Manjula Rani	FDP on "Advanced VLSI System Design"	Geethanjali college of engineering and technology	17-06-2013 to 29-06-2013
15	B.Pavitra	Two week ISTE workshop on "Analog Electronics"	IIT,Kharagpur	4 th -14 th June,2013
16	D.Chaitanya	Two week ISTE workshop on "Analog Electronics"	IIT,Kharagpur	4 th -14 th June,2013
17	J.Aparna Priya	Two week ISTE workshop on "Analog Electronics"	IIT,Kharagpur	4 th -14 th June,2013

2012-13

S.No .	Name of the faculty	Event attended and on	Organized by; Venue; place.,	Date
1	Haripriya	Two week ISTE workshop on "Introduction to Research Methodologies"	Anurag group of Institutions under the National Mission on Education through ICT	25 th June-4 th July,2012
2	K. Haripriya	National level workshop on "Biomedical signal processing"	Gokaraju Rangaraju Institute of Engineering and Technology	6 th -8 th September,2012
3	K.Haripriya	Two days ISTE workshop on "Aakash for Education"	Anurag group of institutions under the National Mission on Education through ICT	10 th & 11 th November,2012
4	E.Srinivas	Two day national symposium on "Heterogeneous computing:platforms,tools and applications"	OU,Hyderabad	31-8-2012 to 01-09-2012
5	D.Narendhar Singh	Two days ISTE workshop on "Aakash for Education"	Anurag group of institutions under the National Mission on Education through ICT	10 th & 11 th November,2012
6	D.Narendhar Singh	Course on "Embedded systems"	KG Reddy college of engineering and technology,Moinabad	9-07-2012 to 13-07-2012

7	V.Vinay kumar	Two week ISTE workshop on "Introduction to Research Methodologies"	Anurag group of Institutions under the National Mission on Education through ICT	25 th June-4 th July,2012
8	V.Vinay kumar	Two days ISTE workshop on "Aakash for Education"	Anurag group of institutions under the National Mission on Education through ICT	10 th & 11 th November,2012
9	M.Kiran Kumar	International conference on "VLSI verification methodologies in Aerospace"	Research centre Imarath,Hyderabad	16-18 october,2012
10	M.Kiran Kumar	Two week ISTE workshop on "Introduction to Research Methodologies"	Anurag group of Institutions under the National Mission on Education through ICT	25 th June-4 th July,2012
11	M.Kiran Kumar	Two day national symposium on "Heterogeneous computing:platforms,tools and applications"	OU,Hyderabad	31-8-2012 to 01-09-2012
12	M.Kiran Kumar	International conference on communication,circuits and systems	KIIT university,Bhubaneswar	5 th -7 th October,2012
13	Manjula Rani D	Two days ISTE workshop on "Aakash for Education"	Anurag group of institutions under the National Mission on Education through ICT	10 th & 11 th November,2012
14	B.Santhosh kumar	Two days ISTE workshop on "Aakash for Education"	Anurag group of institutions under the National Mission on Education through ICT	10 th & 11 th November,2012

18. Students projects

	UG/PG	2015-16	2014-15	2013-14	2012- 13
Percentage of Students who have done in-house projects including inter departmental	UG	95.58%	94.28%	94.11%	77.27%
	PG	86.11%	78.34%	83.33%	74.25%
Percentage of students doing projects in collaboration with industries/institutes	UG	4.42%	5.72%	5.89%	22.72%
	PG	13.89%	21.655%	16.67%	25.75%

19. Awards/Recognitions received by faculty and students

- Rohit Kumar of 3rd year ECE participated in Badminton Championship held on 9th to 11th October 2012 at OU Hyderabad
- R. Sai Rahul of 3rd year ECE, participated in Solo Dance Competition on 17-10-2012 at SNIST hyd and he has been awarded 2nd prize.
- P. Sri Jahnavi of 3rd year ECE and J. Harika of 2nd year participated in “Sports Bout2K12” Throw ball on 12th, 13th & 14th October 2012 at OU Hyderabad.
- Ten students of ECE participated in “Sports Bout2K12” Volley Ball on 15th to 18th October 2012 at OU Hyderabad.
- 14 students of ECE played Volley Ball on 7th to 9th October 2012 at MGIT Hyderabad.
- D. Kranthi 2nd year ECE secured Silver Medal at 19th National Thang-tha (Gymnastics) Championships at Srinagar J&K from 5th to 10th September 2012.
- 14 students of ECE Played Volley Ball on 7th to 9th October 2012 at MGIT Hyderabad.
- **InSportsut2K12” at OU Hyderabad in various events** Rohit Kumar of 3rd year ECE participated in Badminton Championship; P. Sri Jahnavi of 3rd year ECE and J. Harika of 2nd year participated in Throw ball; Ten students of ECE participated in Volley Ball

ii) In co curricular activities

- D. Avinash, Vikas, K. Pavan , Sunanth of 3rd year ECE, participated in “ROBO SOCCER” on 13-10-2012, at SNIST Hyderabad and has been awarded 1st prize in Spardha’.
- Final year ECE students attended CDAC Project Expo on E-Health Next Generation CS Architecture Tetra Network Components. This was held on 12th October 2012 at Green Park Hotel, Begumpet, Hyderabad.
- National Robotics Championship conducted by ECE dept as a zonal center in collaboration with AISEC (IIT Kharagpur) and ARK Solutions on 28th and 29th January 2013 for competition among different colleges. Team consisting of Ravi Kumar, Preteek Kumar Sharma, Sai Shiva Hemanth, Karthik Reddy, G.Pranay of ECE II yr, CVSR College of engineering, sketched the code and designed the robot in 14 minutes and were declared as the winners of NRC
- **A team comprising of** KAVALI BHAVYA REDDY, AMARAVARAPU AMANI, G.SPURTHI YADAV, PAVAN KUMAR REDDY Of ECE II yr of CVSR College of Engineering, has completed the task in 18 minutes and stood as the runners of the competition.
- Ms. Alekhya of IV B.Tech ECE was selected as one of the two coordinators for southern Region of ‘SPEED’, conducted during ISTE convention held in our college on Dec 20th and 21st ,2012. She conducted workshop in Chennai on 29 Jan to 01 feb, 2013

- Skyfi labs conducted “ROBO DIVERSITY” on the college campus during 19th to 20th Jan 2013, wherein 194 students participated from 8 colleges from Hyderabad. The students of the belonging IVth ECE P.Hemanth Kumar, J.Aditya laxman, P.Anil Kumar, P.Vinod , got Best Design Award
- Ch. Pramod Kumar, A Aditya Pavan Kumar and Harish of 3rd year ECE participated in “ROBOTICS” and were awarded 1st prize on 18th August 2012 at KITE Hyderabad.
- P. Abhishek, Nitesh Pavan, Harsha, Rohith 3rd year ECE, participated in “LAN GAMING” and were awarded 2nd prize
- B. Bhargav Ram Reddy of 3rd year ECE participated in “Resistor Mania” and were awarded 2nd prize.
- K. Sailaja, Pranjali M, of 3rd year ECE, participated in “Paper Presentation”.
- S.Manish,N.V.Amigh, N.karthik, K.V.L.N.Abhishek of 3rd year ECE participated in “PROJECT EXPO” and were awarded 2nd prize.

The following ECE students have participated in Spardha’ at SNIST Hyderabad in various events:

- D. Avinash, Vikas, K. Pavan, Sunanth of 3rd year ECE, participated in “ROBO SOCCER” and were awarded 1st prize.
- R. Sai Rahul of 3rd year ECE participated in Solo Dance Competition and he was awarded 2nd prize.
- III ECE students K.Bhanu Kiran, G.Anil Kumar, S. Uday raj and N.Uday kumar got Certificate of Excellence in the event “**SATBOT WORKSHOP**” conducted at IIT Kanpur.
- III ECE student, G.Raghav Reddy got Certificate of Excellence in the event “GOOGLE APPS” conducted at Amritha University.
- III ECE student N.Sridhar’s article was published in “THE HINDU” on corruption.
- III ECE student K.Eswari and G.Vaishnavi got I prize in the event “POSTER PRESENTATION” conducted at **BVR Institute of Technology, Narsapur, Medak Dist**
- III ECE student M.Manikantai and N.Sravani got I prize in the event “PAPER PRESENTATION” conducted at Samskruthi College of Engineering & Technology.
- III ECE student B.Prashanth and K.Abhilash got I prize in the event “CIRCUITRIX” conducted at **CVR Institute of Technology.**
- II ECE student Y.Hariharan got I prize in “BASKET BALL”(D-Zone) con
- III ECE student M.Ashitha Reddy got II prize in the event “POSTER PRESENTATION” conducted at Vidhya Jyothi Institute of Technoloty.
- III ECE student D.M.Srinivas and K.Ritesh got II prize in the event “PAPER PRESENTATION” conducted at Srinidhi Institute of Engineering & Technology.

- Archanna Reddy of III ECE was the winner of carroms at Sreevision 2011 on 25.08.2011.
- K.Sangeetha Lakshmi and K.Pranitha from II ECE presented a research paper in the seminar on topic of “Nanotechnology” on 04.11.2011 at MIT, HYD.
- M.Amareshwari and G.Roja from II ECE presented a research paper in the seminar on topic of “Digital Signal Processing “on 04.11.2011 at MIT, HYD.
- 20 students of III ECE participated in Workshop on topic of “Wireless Communication” in SPARDHA FEST on 5&6.11.2011 at SNIST, HYD.
- 19 teams from III ECE & IV ECE participated in Microsoft Ideation Program organized by Microsoft on 11.11.2011 at CVSR and 5 teams were selected for presenting their ideas.

**20. Seminars/Conferences/Workshops organized & the source of funding
2016-2017**

S.No	Seminars / conferences / work shops	Funding source	date	No of participants
1.	A two days workshop on ” IOT and its applications”	self	16-09-2016 to 17-09-2016	60
2.	A two day workshop on “Analog and digital design using mentor graphics”	self	29-07-2016 to 30-07-2016	60
3	A one day workshop on “Digital design through arduino”	Self	21-04-2016	60
4.	One day workshop on “Embedded systems made easy”	self	26-03-2016	60

2015-2016

S.No	Seminars / conferences / work shops	Funding source	date	No of participants
3	One day Demo lecture On “Adaptive Filter Design Using MAT-LAB”	self	23-01-2016	60
4	Two days workshop on “Application of Matlab and Simulink in Engineering applications”	self	30-10-15 to 31-10-15	60
5	Two days training on “VLSI system design using Vivado and HLS”	self	18-09-15 to 19-09-15	60
6	Technical workshop on “Internet of things and its applications’	self	11-09-15 to 12-09-15	60
7	Four days work shop on “Mixed Signal IC Design”	self	28-07-15 to 31-07-15	60

2014-2015

S.No	Seminars / conferences / work shops	Funding source	date	No of participants
1	Two days workshop on “Design & Implementation of Linear Regulated Variable Dual Power Supply”	self	01-05-15 to 02-05-15	60

2013-2014

S.No	Seminars / conferences / work shops	Funding source	date	No of participants
1	Two days workshop on “Low Power Digital VLSI Design using CADENCE tools”	self	11-11-13 to 12-11-13	60
2	Two weeks ISTE main workshop on “Signals and Systems”	self	02-01-14 to 12-01-14	60

2012-2013

S.No	Seminars / conferences / work shops	Funding source	date	No of participants
1	Analog MSP and Stellaris(ARM9 Cartext) Development	self	18-02-13 to 19-02-13	60
2	Two-week workshop on “Analog Electronics”	self	04-06-13 to 14-06-13	60

2011-2012

S No	Seminars / conferences / work shops	Funding source	date	No of participants
1	Cadence Tools	self	17-05-12 to 18-05-12	60

21. Student profile programme /course wise:

Name of the Course (refer question no.2)	Batch	Application Received	Selected		Percentage	
			Male	Female	Male	Female
UG	2012-16	Since the application are processed by the state council of higher education of the Telangana State government. Number of applications Received does not applicable. But 100% seats are filled.	191	89	NA	NA
	2011-15		143	73	78%	100%
	2010-14		96	51	85.41%	100%
	2009-13		86	40	85.8%	97.5%
PG	2012-14		45	34	55.5%	73.56%
	2013-15		-	-	-	-
	2014-16		-	-	-	-
	2015-17		-	-	-	-

22. Diversity of Students:

Name of the Course (refer question no. 2)	Batch	% of students from the college	% of students from the state	% of students from other States	% of students from other countries
UG	2012-2016	-	100	-	
	2013-2017	-	100	-	-
	2014-2018	-	100	-	-
	2015-2019	-	100	-	-
	2016-2020	-	100	-	-
	2012-2014	-	100	-	-
PG	2013-15	-	100	-	-
	2014-16	-	100	-	-
	2015-17	-	100	-	-
	2016-18	-	-	-	-

23. How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civilservices, Defenseservices, etc.?

S.No	Gate Qualified	GRE	IELTS	TOFEL	CAT	IBS-ICFAI
1	27	27	15	27	3	1

24. Student progression

Students Progression		Percentage Against Enrolled			
		2009-13	2010-14	2011-15	2012-16
UG to PG		NA	20%	20%	20%
PG to Ph.D		NA	NA	NA	NA
Ph.D. to Post Doctoral		NA	NA	NA	NA
Employed: Campus selection	UG	NA	25%	42%	72%
	PG	NA	NA	NA	NA
Employed: other than campus recruitments	UG	NA	20%	35%	10%
	PG	NA	NA	NA	NA
Entrepreneurs		NA	NA	NA	NA

25. Diversity of Staff

Percentage of faculty who are graduates	UG	PG	Ph.D
Of the same parent university			
From other universities within the state			
From other universities from other states			

26. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the Assessment period.

NILL

27. Details of Infrastructural facilities

S.No.	Name of the infrastructure facility	Quantities/ Details
1	Library	No of volumes: 7200 No of Titles: 990 No of Project reports: 280 courseware: NPTEL & MOOCs Non book materials: 712(CDs) E- Books: 37500 (All Departments) Digital Library facility with 4 systems to enable the students to use NPTEL and other online courses: 347 Subjects (3.5 TB)online courses:
2	Internet facilities for Staff & Students	Each faculty room is equipped with computers and internet connections. All systems in labs and department are provided with internet facility. Total college is connected with Wi Fi
3	Class rooms with ICT facility	Exclusive fully equipped E-class rooms are available to conduct ICT lectures. Apart from that every class room is provided with ICT facility with the exclusive LCD projectors and Laptops available in the department. Also all the laboratories are equipped with LCD projectors.
4	Total Number of Class Rooms	20
5	Students Laboratories	1.Electronics Devices and Circuits Lab/ IC Applications Lab 2.Electronics Circuit Analysis Lab /PDC Lab 3.Basic Simulation Lab 4.Microprocessor and Microcontroller Lab 5.Digital Signal Processing Lab 6.e-CAD & VLSI Lab-1 7.Microwave Engineering and Digital Communication Lab/Ac lab
6	Research Laboratories	1. ECE R& D Lab 2. Community Projects lab/Incubation unit

28. Number of students of the department getting financial assistance from college

NILL

29. Was any need assessment exercise undertaken before the development of new program(s)? If so, give the methodology.

Yes, When the college plans to a introduce new program, an informal survey on the industrial needs, number of colleges offering the program in the state and employment prospects for the program is carried out. Based on this the College introduces the new program after obtaining approval from the statutory bodies.

30. Does the department obtain feedback from**a) Faculty on curriculum as well as teaching-learning- evaluation? If yes, how does the department utilize it?**

Yes, the department obtains feedback from the faculty on curriculum and discusses it in the department faculty meetings. The necessary improvements that are suggested in the curriculum and syllabi are put forward in the BoS.

b) Students on staff, curriculum as well as teaching-learning- evaluation and what is the response of the department to the same?

Feedback on Staff: Feedback from the students is taken for the students twice in a semester. After taking of the feedback, the data is analyzed statistically to calculate the mean and standard deviation for each parameter of the faculty to find the validity of the data and correlate the data from different groups reporting on the faculty. Based on the analysis, conclusions are drawn about the strengths and weaknesses of a faculty.

- The metrics are calculated:

Mean and standard deviations for each of the following parameters and rank correlation between the parameters.

- For Subject clarity
- Punctuality
- Clarifying doubts after the class hours
- Teaching methodology adopted etc.,

- **The metrics inferred:**

The strengths and weaknesses of each faculty is quantitatively evaluated with regard to the attributes as a teacher viz subject knowledge and their contribution in achieving the POs and PEO's. It also provides a ranking order among the faculty for reward/ corrective actions.

- **The comments used:**

The performance metrics and conclusions are communicated in writing to the respective faculty. Where the metrics of a teacher are below the requisite standard the teacher is counseled to improve his / her shortcomings. The improvement in performance is monitored and verified in the second feedback data and necessary reward/corrective actions are taken by management

- Basis of reward / corrective measures, if any Basis of reward/corrective measures: qualitative and quantitative evaluation of each attributes, as indicated in the above metrics over the average metrics.

- Number of corrective actions taken in the last three years:

Number of Corrective actions in

2012-2013 - 4

2011-2012 – 6

2010-2011 - 8

Feedback on curriculum: Feedback on the curriculum is analyzed by the CPEC and included in the agenda of the Board of Studies and put for discussion and incorporation.

Feedback on teaching-learning-evaluation: Every week HoD goes to each class room and collects data regarding syllabus coverage in each course in prescribed format which is signed by the respective class representatives. The collected data is analyzed to check

- Adherence to academic calendar.
- Compliance with teaching plan earlier given by faculty earlier.
- Identify slow, normal and fast coverage of syllabus.

Alumni and employers on the programmes and what is the Response of the department to the same?

Feedback is obtained from the alumni and employers about the effectiveness of the programmes in terms of attainment of Program Outcome (POs) and Programme Educational Objectives (PEOs) to quantify the attainment and to make necessary improvements in the programmes.

31. List of Distinguished Alumni of the Department

S.no	Name of the Alumni	Batch	Current position	Name of the company
1	M.V.Raja Rao	2007	Signal Engineer	Indian Railways
2	Ajith Rai Togore	2012	Income tax Officer(IRS)	Govt. of India
3	Sravani	2013	Software engineer	Accenture
4	Kanishka	2012	CEO	Kiran kart
5	T.Hemalatha	2015	Programmer	Capgemini
6	V.S.H.Siddardha	2016	Technical Associate	Cognizant Technologies

32. Give details of student enrichment programmes (special Lectures /workshops/Seminar) with external experts:

2016-17

S. No.	Seminar/ Workshop/ Special Lecture	Title of the Programme	Name & Designation of external Experts	Date of the Programme
1	Workshop	A two days workshop on " IOT and its applications"	Mr.Amarender, Technical Trainer Smart bridge technologies	16-09-2016 to 17-09-2016
2	Workshop	A two day workshop on "Analog and digital design using mentor graphics"	Mr.Sharath kanth, Asst.Manager, Corel Technologies	29-07-2016 to 30-07-2016
3	Workshop	One day workshop on "Embedded systems made easy"	Mr.Ramu Technical Associate Kernel Master	26-03-2016

2015-16

S.No.	Seminar/Workshop/Special Lecture	Title of the Programme	Name & Designation of external Experts	Date of the Programme
1	Special Lecture	One day Demo lecture On "Adaptive Filter Design Using MAT-LAB"	Dr.G.Ravi Kumar, Assoc.prof NITW	23-01-2016
2	Workshop	Two day workshop on "PCB Design and Manufacturing process".	Mr.Rajeshwar Technical Trainer PGP Electronics Private Limited,Hyderabad	10.03.2016 to 11.03.2016
3	Workshop	Two days training on "VLSI system design using Vivado and HLS"	Mr.Sharathkanth, Asst.Manager, Corel Technologies	18-09-15 to 19-09-15
4	Workshop	Two days workshop on "Internet of things and its applications"	Mr.D.Naresh Kumar, Project Manager VSES India Private Limited	11-09-15 to 12-09-15

2014-15

S. No.	Seminar/Workshop/Special Lecture	Title of the Programme	Name & Designation of external Experts	Date of the Programme
1	Workshop	Two days workshop on "Design & Implementation of Linear Regulated Variable Dual Power Supply"	Mr.Rajeshwar Technical Trainer PGP Electronics Private Limited,Hyderabad	01-05-15 to 02-05-15

33. List the teaching methods adopted by the faculty for different programmes.

1. Implementation of OBE system with a focus on Student -Centric Teaching/Learning methods
2. Usage of ICT: LCD/Web usage etc.,
3. Online Course material , PPT's , NPTEL Video Lectures etc.,
4. The assignments given to students to develop their critical thinking skills.
5. Demonstration of mini and main projects
6. Expert lectures from industry professionals
7. Adoption of mentorship for overall development of students

8. Conducting group-based quiz and tutorial tests in classroom as additional direct assessment tools for OBE.
9. Taking the students to Industrial visits for live exposure.

34. How does the department ensure that Programme Objectives are constantly met and learning outcomes monitored?

The attainment of Programme Objectives and the Learning Outcomes are ensured through proper curriculum design. The curriculum is designed with various theory, laboratory and elective courses to meet the Programme Educational Objectives, Programme Outcomes and Course Outcomes. Programme Outcomes are desirable graduate attributes at the time of graduation. Course Outcomes are the skills demonstrated by the students at the end of each course in the programme. Tools used to assess Course Outcome/Programme are Direct Assessment and Indirect Assessment is as follows: The Direct Measurement of Course Outcomes/Programme Outcomes are measurable based on the marks like mid exams, semester end exams, technical seminars, mini projects, major projects etc.

The Indirect Measurement of Course Outcomes is based on case studies are evaluated through CSP rubrics.

The Programme Educational Objectives are attained through Indirect Assessment tools such as Exit Survey, Alumni Survey and Employer Survey. Through regular interaction among the course instructors and course coordinators the efforts are taken to ensure the attainment of Course Outcomes.

35. Highlight the participation of students and faculty in extension activities.

- Participation in Institutional Social Responsibility (ISR) and Extension Activities
National Service Scheme (NSS) Unit.

36. Give details of “beyond syllabus scholarly activities” of the department.

- Design-Based Experiments in Laboratory Courses
- Implementation of beyond Syllabus Experiments in laboratory courses
- Design and Implementation of Working Prototypes and Models.
- Industrial Visits

37. State whether the programme/department accredited/graded by other agencies:

- B.Tech ECE is Accredited by NBA in the year 2006.
- B.Tech ECE is re-accredited by NBA in the year 2011

38. SWOC analysis of the department and Future plans

Strengths:

1. The Visionary management with commitment to support for achieving the set goals of each department (Program)
2. Strong academia in leader groups
3. HoD with vast industrial experience for nurturing graduates to be fit for industry needs
4. Experienced senior faculty: 5 faculty with Ph.D; 3 faculty submitted thesis; 9 faculty registered for Ph.D and progressing the work
5. All the remaining faculty with PG qualification
6. 14 well-equipped laboratories to meet the curriculum and beyond the curriculum as well.
7. A separate R&D lab equipped with necessary hardware and software to cater to research in cutting edge technologies
8. A separate Community Projects lab where facilities are provided for students to convert their mini and major projects, which are of value to society into prototypes and possible entrepreneurship development.

Weakness:

1. Being a private institute funding from government bodies is less for forthcoming research and development activities
2. Institute not yet recognized for registering for Ph.Ds
3. Private industries or PSUs in core domain (ECE) not inclined to Campus Recruitment Drives as in case of IT industries

Opportunities:

1. With the available support from the management and govt policies such as encouraging Startups , Make in India and invitation of project proposals by DST, AICTE,UGC etc., faculty and students can avail themselves of the opportunity for funded projects and prototype development and entrepreneurship development
2. Faculty and students can pursue research within the campus and publish papers contribute strongly towards the Vision of the Department viz; to be reckoned as a Centre of International Standard and Excellence in ECE education
3. Having been accredited by NBA and effectively pursuing Outcome based education system and CBCS system, there is opportunity for NAAC accreditation
4. With various programs running in the wide campus, there is opportunity for achieving the status of Deemed University

Challenges:

1. To nurture the students with broad range of ranks admitted in the institute and bring them on par as engineers with specified Graduate attributes consistent with OBE objectives.
2. To inculcate passion among students to design and develop projects and prototypes that improve the life style of people

39. Future plans of the department

1. To organize state and national level seminars
2. To organize national level competitions in the college.
3. To apply for Sponsored Projects
4. To enhance the research among faculty and students.

Evaluative Report of the Electrical and Electronics Engineering (EEE) Department

1. Name of the Department & its year of establishment.

Name: Electrical and Electronics Engineering

Year of establishment: 2002

2. Names of Programmes / Courses offered

(UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.).

S.No	Name of the Programmes Offered	Remarks (UG, PG, Ph.D)
1	B.Tech Electrical and Electronics Engineering	UG
2	M.Tech. Power Electronics and Electrical Drives	PG
3	M.Tech Electrical Power Systems	

3. Interdisciplinary courses and departments involved.

S.No	Course Name	Department
I	1. Switching Theory and Logic Design 2. Electronic Devices & Circuits 3. Micro Processors & Micro Controllers 4. ICApplications	Electronics and Communication Engineering
II	5. Managerial Economics & Financial Analysis	Masters of Business Administration
III	6. Environmental Sciences	Chemical Engineering
IV	7. Object Oriented Programming through JAVA 8. Computer Programming – I 9. Computer Programming – I Lab 10. Computer Programming – II 11. Computer Programming – II Lab	Computer Science Engineering
V	12. Engineering Graphics 13. Engineering Workshop	Mechanical Engineering
VI	14. Information Technology Work shop	Information Technology

4. Annual/ semester/choice based credit system UG& PG.

SEMESTER SYSTEM, choice based credit system

5. Participation of the department in the courses offered by other departments.

S.NO	COURSE NAME	DEPARTMENT
I	1. Electrical Circuits 2. Principals of Electrical Engineering 3. Electrical and Electronic Engineering Lab	Electronics and Communication Engineering
II	4. Basic Electrical Engineering 5. Electrical and Electronic Engineering Lab	Computer Science Engineering and Information Technology

III	6. Basic Electrical Engineering 7. Electrical and Electronic Engineering Lab	Chemical Engineering
IV	8. Electrical and Electronic Engineering 9. Electrical and Electronic Engineering Lab	Mechanical Engineering
V	10. Electrical and Electronic Engineering	Civil Engineering

6. Number of teaching posts sanctioned and filled (Professors/Associate Professors/ Asst. Professors).

	SANCTIONED	FILLED
Professors	1	1
Associate Professors	9	9
Assistant Professors	27	27
Total	37	37

7. Faculty profile with name, qualification, (D.Sc./D.Litt./Ph.D. /M.Phil. etc.),

S. No.	Name of the Faculty	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students Guided for the Last 4 years
1	Prof. R.Somanatham	M.E., PhD	Professor	Industrial Drives and Controls	36	2
2	Dr. T. Anil Kumar	MPhD	Associate Professor	Electrical Power Systems	15	
3	Dr. G. Venu Madhav	Ph.D	Associate Professor	Electrical Power Engineering	12	
4	M.Seeta Rama Sarma	M.Tech,	Associate Professor	Electrical Power Systems	47	
5	Mr. Ch.Srinivas Rao	ME	Associate Professor	Industrial Drives and Controls	28	
6	Mrs.K.Roopa	M.Tech	Associate Professor	Power Electronics	10	
7	Mr.B.ChandraShekarReddy	M.Tech,	Assistant Professor	Control Systems	8	
8	Mr.P.Chennaiah	M.Tech	Assistant Professor	Power Electronics and Electrical	6	

				Drives		
9	Mr.M.Srikar	M.Tech	Assistant Professor	Electrical Power Systems	6	
10	Mr.D.Krishna	M.Tech	Assistant Professor	Control Systems	10	
11	M. Serabanda	M.Tech	Associate Professor	Power Electronics	10	
12	Mr.K.Bhadraji	M.Tech	Assistant Professor	Power Electronics	10	
13	Mr.B.Nageshwar Rao	M.Tech	Assistant Professor	Power Electronics	8	
14	Mrs.D.Lavanya	M.Tech	Associate Professor	Electrical Power Systems	10	
15	Mrs.S.Saraswathi	M.Tech	Associate Professor	Electrical Power Engineering	10	
16	Mr.K.Shivamanohar Reddy	M.S Coventry	Assistant Professor	Msr(ENGG.)	5	
17	Mr.P.Raju	M.Tech, JNTUH, 2014	Assistant Professor	Power Electronics	6	
18	Mr.T.Dinesh	M.Tech	Assistant Professor	Electrical Power Systems	7	
19	Mss.A.Manjula	M.Tech	Assistant Professor	Electrical Power Systems	6	
20	Mr.Md.Yaseen	M.Tech	Assistant Professor	Power Systems & Automation	5	
21	Mss. S.Mamatha	M.Tech	Associate Professor	Control Systems	7	
22	Ms.J Srivalli	M.Tech	Assistant Professor	Power Electronics and Electrical Drives	0	
23	Mr.K.Rajender	M.Tech	Assistant Professor	Electrical Power Systems	0	

24	MsU.KusmaKumari	M.Tech	Assistant Professor	Power Electronics and Electrical Drives	4	
25	Mr. S.K.Yakub Ali	M.Tech	Assistant Professor	Electrical Power Systems	0	
26	I.Vijaya Kumar	M.Tech	Assistant Professor	Electrical Power Engineering	6	
27	Mr. M.Lalu	M.Tech	Assistant Professor	Power Electronics and Electrical Drives	1	
28	Mr.R.Murali	M.Tech	Assistant Professor	Power Electronics and Electrical Drives	1	
29	Mr.U.Chaitanaya Kumar	M.Tech	Assistant Professor	Power Electronics and Electrical Drives	0	
30	Mr.k.Bharath Kumar	M.Tech	Assistant Professor	Electrical Power Systems	0	
31	Mr.K.Koteshwar Rao	M.Tech	Assistant Professor	Power Electronics and Electrical Drives	0	
32	Mr.G.Ajay Kumar	M.Tech	Assistant Professor	Power Electronics and Electrical Drives	0	
33	Mrs.P.Sai Jyothi	M.Tech	Assistant Professor	Electrical Power Systems	0	
34	Mr.R.Chenna Rao	M.Tech	Assistant Professor	Power Electronics and Electrical Drives		
35	Mr.P.Shankar Reddy	M.Tech	Assistant Professor	Electrical Power Systems		
36	Mr.P.Narsimha Reddy	M.Tech	Assistant Professor	Power Electronics and Electrical Drives		
37	Mr.N.Chandrashekh	M.Tech	Assistant Professor	Electrical Power Systems		

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8. Percentage of classes taken by temporary faculty – programme-wise information:

NIL

9. Programme-wise Student Teacher Ratio

S.NO	NAME OF THE PROGRAMME	STR
1	B.TECH	1:15
2	M.TECH	1:12

10. Number of academic support staff (technical) and administrative staff: Sanctioned and filled

	SANCTIONED	FILLED
Technical Staff	6	6
Administrative Staff	1	1

11. Number of faculty with ongoing projects from

- a) National
- b) International funding agencies and
- c) Total grants received.

Mention names of funding agencies and grants received project-wise.

12. Departmental projects funded by DST-FIST;UGC, DBT, ICSSR, etc. and total grants received.

NIL

13. Research facility / center with

The Department of EEE equipped with two R&D Centers.

- Center for Power System and Renewable Energy
- Center for Power Electronics and Control

Presently three faculty members in the department registered for Ph.D under JNTUH, and JNTUK.

We have applied for the Research Centre under JNTUH, and the application is under process.

14. Publications:

Publication Details of the faculty.

Academic Year	International		National	
	Journals	Conferences	Journals	Conferences
2011-2012	3	5	4	3
2012-2013	8	5	-	1
2013-2014	11	1	-	1
2014-2015	21	1	-	-

2015-2016	9	-	-	-
TOTAL	52	12	4	5
GRAND TOTAL=73				

- | | |
|----------------------------------|----------------|
| 1 Citation Index- Range/ average | Range: 0-6 |
| 2 Impact Factor- Range/ average | Range:0.12-2.6 |
| | Average: 1.6 |
| 3 h- index | 0-2 |

Academic Year 2011-2012.

Sl. No.	Name of the Author	Title of Publication	International/ National Journal/Conference	Publication Details
1	K. Suneeta	Transfer Capability Computations Using Radial Basis Function Neural Network Under Deregulated Power System	International Journal of Emerging Trends in Engineering and Applied Sciences	ISSN: 2141-7016, June 2011
2.	M.S.R. Sarma	Automatic Low Frequency Load Shedding in a Large Interconnected Power Systems	International Conference on Nano- science, Engineering and Advanced Computing	July 2011
3.	M.S.R. Sarma	Operation of Loss of Excitation Relay During Power System Disturbances	International Conference on Nano-science, Engineering and Advanced Computing	July 2011
4.	M.S.R. Sarma	Application of High Speed Auto – Reclosing Features on EHV Transmission Lines for Improving Power System Stability	International Conference on Nano-science, Engineering and Advanced Computing	July 2011
5.	M.S.R. Sarma	Research Methodology Based On Real Time Computing Of Power Systems	International Conference on Nano-science, Engineering and Advanced Computing	July 2011
6.	K. Suneeta	Transfer Capability Computations In Deregulated Power System Using Radial Basis Function Neural Network Approach	International Symposium On High Voltage Engineering, Germany	August 2011
7.	K. Suneeta	Enhancement of Available Transfer Capability in Deregulated Power Systems Using FACTS Devices in Real Time System of Andhra Pradesh State Power Grid	<i>International Journal of Current Research and Review</i>	Vol.04,ISSUE.10,E -ISSN:0975-5241(online),P- ISSN: 2231-2196(Print), May 2012
8.	K. Rajender Reddy	Economic Dispatch – A Comparative Study	<i>International Journal of Electrical and Electronics</i>	Vol.2, Issue 1, ISSN

			<i>Engineering</i>	(PRINT):2231-5284, 2012.
9.	K. Suneeta	An Approach for Transfer Capability computations in Deregulated power system using Radial Basis Function Neural Network	Proceedings of National Conference on power system planning and operation	September 2011
10.	K. Suneeta	Sensor-less control of induction motor Drive using SVPWM-MRAS SPEED observer	AICTE Sponsored national Conference	August 2011
11.	K. Suneeta	Simulation and comparison of DTC-SPWM and DTC-SVM control of induction motor drive	NESTAEE-11	November 2011
12.	K.SivaManohar Reddy	Unified Display Systems for Automotives	Lambert Academic Publications	December 2011
13.	K. Rajender Reddy	Simulation Study of Indirect Current Control Technique For Shunt Active Filter	National Journal on Electrical Power Engineering and Industrial Drives	May 2012
14.	K. Roopa Reddy	DPFC For Power Flow Control In Transmission System	National Journal on Electrical Power Engineering and Industrial Drives	ISSN:2231-590X,VOL.1,NO.2, May 2012.
15.	Y. Naresh Kumar	Tracking of Maximum Power Point with Inverter Based Photo-Voltaic Grid Connection	National Journal on Electrical Power Engineering and Industrial Drives	May 2012

Academic Year 2012-2013

S.No	Name of The Author	Title Of Publication	International/ National Journal/Conference	Publication Details
1	K. Suneeta	Evaluating Market Power In Congested Power System In Real Time System Of Andhra Pradesh State Power Grid	<i>International Journal Of Electronics And Electrical Engineering</i>	Vol.03, No.1, Pages: 27-36, ISSN 0976-7363, June 2012.
2	Y. Naresh Kumar	A Novel Approach On Harmonic Elimination In Single Phase Systems By Means Of AHybrid Series Active Filter (HSAF)	International Journal Of Engineering And Advanced Technology	Vol. 1, Issue 4, ISSN 2249-8958, April 2012

3	K. Suneeta	Random Zero Vector Distribution PWM Algorithm For Direct Torque Control Of Induction Motor Drive	<i>International Journal Of Electronics And Electrical Engineering</i>	Vol.05, NO.03,Special Issue 2012
4	K. Suneeta	Enhancement Of Available Transfer Capability In Deregulated Power Systems Using Facts Devices In Real Time System Of Andhra Pradesh State Power Grid	<i>International Journal Of Electronics And Electrical Engineering</i>	June 2012
5	Y. Naresh Kumar	A Multiple Collaboration Control Of AC/DC Micro grid	National Conference On Technological Developments In Power Engineering.	August 2012
6	K. Suneeta	Enhancement Of Available Transfer Capability In Deregulated Power Systems Using FACTS Devices In Real Time System Of Andhra Pradesh State Power Grid	<i>International Journal Of Electronics And Electrical Engineering</i>	Vol.03,No.1,Pages 53-60,ISSN 09762-7363,.Special Issue 2012
7	K. Suneeta	Market Power Evaluation In Real Time Congested Power Systems Of Andhra Pradesh State Power Grid	<i>International Journal Of Electronics And Electrical Engineering</i>	Vol. 5, No. 9 Special Issue 2012
8	K. Suneeta	Enhancement Of Available Transfer Capability In Deregulated Power Systems Using FACTS Devices	<i>International Journal Of Applied Engineering Research</i>	November 2012
9	K. Suneeta	Direct Torque Controlled Induction Motor Drive With Space Vector Modulation Fed With A Three Level Inverter	IEEE International Conference On Power Electronics, Drives And Energy	December 2012
10	K. Suneeta	Market Power Evaluation In Real Time Congested Power Systems Of	International Conference On Power Electronics, Drives And Energy	December 2012

		Andhra Pradesh State Power Grid		
11	K. Suneeta	Evaluating Marketing Power In Congested Power Systems	International Conference On Power Electronics, Drives And Energy	December 2012
12	K. Suneeta	Random Zero Vector Distribution PWM Algorithm For Direct Torque Control Of Induction Motor Drive	<i>International Journal Of Electronics And Electrical Engineering</i>	Vol.05,No.03.December 2012
13.	K. Suneeta	Direct Torque Controlled Induction Motor Drive With Space Vector Modulation Fed With A Three Level Inverter	International Conference On Advances In Power Conversion And Energy Technologies (ICAPCET)	December 2012
14	K. Suneeta	Evaluating Market Power In Congested Power Systems In Real Time System Of Andhra Pradesh State Power Grid	International Conference On Advances In Power Conversion And Energy Technologies (ICAPCET)	August 2012

Academic Year 2013-2014

S.No	Name of the Author	Title of Publication	International/ National Journal/Conference	Publication Details
1	Ch. Srinivas Rao	Induction Motor Drive Application with Different Multilevel Converter control Strategies	International Journal of Electrical and Electronics Engineering Research	ISSN: 2250-155X, Vol.03, Issue.04, Pages 205-214, October 2013
2	K. Siva Manohar Reddy	A New Adaptive Technique For Sensor Less BLDC Motor Fed By Solar Powered Z Source Inverter	<i>International Journal of Engineering Research and Technology</i>	ISSN: 2278-0181, Vol.02, Issue.10, October 2013
3	K. Roopa Reddy	Simulation and Comparison of Symmetrical and Asymmetrical 3-phase H-Bridge multilevel inverter for DTC induction Motor Drives	International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering	ISSN(P): 2320-3765, ISSN(online): 2278-8875, Vol.02, Issue-10, October 2013.
4	Ch. Srinivas Rao	A Series connected Multilevel Inverter Topology for Medium Voltage BLDC Motor Drive Applications	International Journal of Electrical and Electronics Engineering Research	ISSN(P): 2250-155X, ISSN(E): 2278-943X, Vol.03, Issue.05, Pages 177-188, December 2013
5	S. Mammatha	High and medium voltage induction motor drive application with different multilevel inverter topologies	International Journal of Electrical and Electronics Engineering Research	ISSN(P) 22502-155X, ISSN(E) 2278-943X, Vol.04, Issue.01, Pages 93-104, February 2014
6	Dr. K. Sunitha	Superconducting Fault Current Limiters for Micro Grid Application	International Journal of Power System Operation and Energy Management	ISSN (p):2231-4407, Vol.04, Issue.03, December 2014
7	M.D Yaseen	Voltage quantity improvement by using FACTS devices	International Journal of Current Engineering and Technology	Vol.03, No.5, October 2013

8	M.D Yaseen	A Novel five-level inverter topology applied to 4 pole induction motor drive with single DC link.	International Journal of Current Engineering and Technology	Vol.04,No.1,February 2014
9	Dr. K. Sunitha	Superconducting Fault Current Limiters for Micro Grid Application.	National conference at Kondaghattu JNTU	August2014
10	P. Chennaiah	Hybrid electrical Vehicle with reduced voltage induction motor drive at IJERT	International Journal Engineering Research Technology	ISSN: 2278-0181, Vol.03, Issue.02,February 2014
11	B Nageswar Rao	Design and Simulation of Multi level inverter FED PMSM at IJERT Published	International Journal Engineering Research Technology	ISSN: 2278-0181, Vol.03, Issue.01, January 2014
12	B Nageswar Rao	SPWM controlled induction motor drive with different multilevel converter topologies THD analysis	International Journal of Electrical and Electronics Engineering Research	Vol.04, No.1,February 2014
13	M.S.R. Sarma	Challenges In Operation, Control And Protection Of Large Interconnected Power Systems- Research Methodology	National Conference On Power Distribution (NCPD) By CPRI	February 2014

Academic Year 2014-2015.

Sl. No	Name Of The Author	Title Of Publication	International/ National Journal/Conference	Publication Details
1	Dr. R.Somanatham	Simulation of Space Vector PWM For 3-Level Inverter Fed Induction Motor in Over Modulation Region	International Conference in Electrical Measurements & Instrumentation	ISBN-978-981-09-2579-61,.August 2014
2	Dr. R.Somanatham	A new high reliable drive system for electrical passenger locomotives of INDIAN railways	INDIAN journal of applied research	Vol-8, No 1,Pp-47-56,.March 2015
3	Dr. R.Somanatham	Design and analysis of a novel slip power recovery scheme from traction	International Journal Engineering Research &	Vol-7, No-1, Pp-1-20,January

		motors.	industrial applications.	2015
4	Dr.K. Suneetha	Comparison of Different Control Strategies of STATCOM for Power Quality Improvement of Grid Connected Wind Energy System	International Journal Engineering Research Technology	ISSN: 2319- 885, Vol.04, Issue.07, Pages: 1341-1345,.March 2015
5	Dr.K. Suneetha	Simulation of the hysteresis voltage control technique in the PV Based dynamic voltage restorer for power quality improvement With induction motor drive	International Journal of Electrical and Electronics Engineering Research	ISSN (P): 2250-155X, ISSN (E): 2278-943X, Vol.05, Issue.01, Pages 95-106,February 2015
6	Dr. R.Somanatham	An Alternative to Squirrel Cage Induction Motor for Electric Traction for Indian Railways – a Theoretical Cost saving Approach	IOSR Journal of Electrical and Electronics Engineering	Vol No-9,Issue 4pp 37-40.August 2014
7	Dr. R.Somanatham	Design and Analysis of Drive System with Slip Ring Induction Motor for Electric Traction in India	International Journal of Power Electronics and Drive System - Indonesia	Vol. 3, No.1, February 2015. pp: 374-382. ISSN No. 2088-8694.
8	Dr. R.Somanatham	A High Reliable Drive System for Electric Passenger Locomotives of Indian Railways	International Journal of Advanced Research	Vol. 5, No.3, March 2015. pp: 37-40. ISSN No. 2249-555X
9	B Nageswar Rao	Implementation of variable frequency drive for shipboard application	International Journal of Electrical and Electronics Engineering Research	ISSN (P) 2250-155X, ISSN (E): 2278-943X, Vol.04, Issue.03, Pages: 63-74,June 2014
10	B Nageswar Rao	Speed control of BLDC motor using PID and FUZZY PID controller	International Journal of Electrical and Electronics Engineering Research	ISSN (online):2278-943X, ISSN (print):2250-155X, Vol.03, edition.February 2015
11	B Nageswar Rao	A Diode clamped multilevel inverter with active damping control for induction motor drive	International Journal of Scientific Engineering and Technology Research	. ISSN 2319-8885,IJSETRVO4 ISO6P4252-2,March 2015
12	K. Roopa	A New R V multilevel inverter for Induction Motor drive applications.	The international journals of engineering & science.	ISSN (E):2319-1813, ISSN (P) 2319-1805, Pages 69-77,

				September 2014
13	K. Roopa	Design of a new converter for switched reluctance motor drive with power factor correction	International Journal Engineering Research Technology	ISSN: 2319-8885, VOL.04, Issue.09,Pages:16772-1681, April 2015
14	M.D. Yaseen	Fuel cell based compact integrated converter with FUZZY logic control	International Journal of Scientific Engineering and Technology Research	. ISSN 2319-8885,IJSETRVO4 ISO7P4288-2, March 2015
15	M. Serabanda	Torque Hysteresis control of BLDC Drives for Electrical Vehicle application by using FUZZY Logic Controller Published in IJERT, Sep 2014	International Journal Engineering Research Technology	Vol.02, Issue.09. September 2014
16	M. Serabanda	A Modular Converter Topology Fed Brushless DC Motor Drive for Electric Vehicle Applications	International Journal Engineering Research Technology	ISSN: 2321-0869, Vol.03, Issue.02. February 2015
17	B. Chandashekar Reddy	A New Multilevel Inverter Based on Z-Source Inverter for Induction	International Journal of Scientific Engineering and Technology Research	Vol.04, Issue.6, pp-1094-1099, .March 2015
18	B. Chandashekar Reddy	Motor Drives		
19	B. Chandashekar Reddy	A Novel Topology of Cascaded Multi-Level Inverter Fed BLDC Motor Drive	International Journal of Scientific Engineering and Technology Research	ISSN 2319-8885, Vol.04, Issue.08, Pages: 1557-1562, April 2015
20	S. Saraswathi	Advanced improved digital controller for BLDC motor to reduce torque ripples	International Journal of Electrical and Electronics Engineering Research	ISSN(P)-2250-155X, ISSN(E):2278-943X, Vol.05, Issue.02, Pages;1-10, .April 2015
21	D. Lavanya	Low modulation index operation of a diode clamped inverter for A PMSM Drive	International Journal of Scientific Engineering and Technology Research	ISSN: 2319-885, VOL.04, Issue.08, Pages: 1570-1576, April 2015
22	P. Chennaiah	A new technique for multi phase faulted switched reluctance motor drive	International Journal of Scientific Engineering and Technology Research	ISSN: 2319-8885, Vol.04, Issue.09, April 2015.

23	S.Mamatha	Closed Loop Control Of Current Source Converter Based Switched Reluctance Motor With Power Factor Correction	International Journal Of Scientific Engineering And Technology Research,	ISSN: 2319-8885, Vol.04, Issue.07, March 2015.
24	K.Siva Manohar Reddy	An Efficient Power Electronic Converter For The Integration Of Solar Powered Electric Vehicle And Grid	International Journal of Electrical and Electronics Engineers,	ISSN: 2321-2055, Vol.07, Issue.01, January 2015
25	K.Siva Manohar Reddy	An Efficient Power Electronic Converter For The Integration of Solar Powered Electric Vehicle And Grid	International Conference On Emerging Trends In Technology And Science And Upcoming Research In Computer Science	April 2015.

Academic Year 2015-2016:

S. No	Name Of The Author	Title Of Publication	International/ National Journal/Conference	Publication Details
1	Dr. R. Somanatham	A High Reliable Drive System for Electric Freight Locomotives of Indian Railways	International Journal of Electrical Engineering	Vol. 8, No.1, 2015. pp: 47-56. ISSN No. 0974-2158
2	Dr. R. Somanatham	"Comparative performance of Squirrel Cage Motors on GTO and IGBT Drives for Electric Traction in India", i-managers Journal of Electrical Engineering,	Managers Journal of Electrical Engineering	Vol.9, No. 1, July-Sep 2015, pp: 1-6, p-ISSN No. 0973-8835, e-ISSN No. 2230-7176.
3	Dr. R. Somanatham	Permanent Magnet Synchronous Motor as Traction Motor for Diesel-Electric Traction in India	Managers Journal of Electrical Engineering	Vol.9, No. 2, Oct-Dec 2015, pp: 16-37, p-ISSN No. 0973-8835, e-ISSN No. 2230-7176.
4	Dr. K. Suneetha	Design and implementation of 7-Level single stack half bridge inverter using MMC topology	International Journal of Scientific Engineering and Technology	ISSN: 2319-8885, Vol.04, Issue.53, Pages: 11369-11374. Decembe

			Research	r2015.
5	Dr.K. Suneetha	Enhancement of power transmission capability of HVDC system by replacing series connection of UPFC with TCSC	International Journal of scientific Engineering and Technology Research	ISSN: 2319-8885, Vol.04, Issue.53, Pages: 11355-11360.December 2015
6	Dr. R.Somanatham	Permanent Magnet Synchronous Motor Traction Drive System for Electric Locomotives in India	Journal of Automation and Systems Engineering, Algeria	Vol. 10, No.1, pp: 27-39. ISSN No. 1112-8542.
7	Dr. R.Somanatham	Design of Drive System for Head-On-Generation through Slip-Power Recovery in Passenger Electric Locomotives	Research Journal of Engineering and Technology, A&V Publications	Vol. 6, No. 4, July-Sep 2015, p-ISSN No. 0976-2973, e-ISSN No. 2321-581X.
8	B Nageswarrao	Comparative analysis using different inverter topologies for traction system	International Journal of Research	ISSN (P) 2348-795X, ISSN (E): 2348-6848, VOL.02, Issue.12, Pages: 618-627,December 2015.
9	M.D Yaseen	A PEBB Based multi-pulse VSC for harmonic elimination” International Journal of Scientific Engineering and Technology Research	International Journal of scientific Engineering and Technology Research	ISSN 2319-8885,IJSETRVOL 04,Issue.55, Pages11826-11831.December 2015.
10	Dr.K. Suneetha	A UPQC with MLI topology at a reduced DC-link voltage rating	International Journal of scientific Engineering and Technology Research	ISSN: 2319-8885, Vol.04, Issue.53, Pages: 11349-11354, December 2015.
11	K.Roopa	Anti-windup PI controller, Fuzzy controller and hybrid controller based BLDC motor drive	International Journal of advanced technology and Innovative research	ISSN 2319-8885,,Vol 04,Pages8682-8686,January 2016
12	M.D Yaseen	Fuzzy based control of PMBLDCM drive with power quality improvement” International Journal	International Journal of scientific Engineering and Technology	ISSN 2319-8885,IJSETR,Vol 04,Issue.55,Pages9989-9995,November

		of Scientific Engineering and Technology Research	Research	2015
13	S.Saraswathi	Fuzzy based speed controller for reduced switches multi-level inverter fed induction motor drive	International Journal of Research,	ISSN(E)2348-6848, ISSN (P)2348-795X, IJSETR, Vol 02, Pages 25-34, December 2015.
14	T.Dinesh	A High-Performance SVPWM controller for three phase UPS systems operating under highly nonlinear load	International Journal of Eminent Engineering Technology	Vol 03, Pages 124-132, September 2015.
15	I. Vijaykumar	Fuzzy logic controller based excitation synchronous wind power generators with maximum power tracking scheme	International Journal of Eminent Engineering Technology	Vol 03, Pages 195-198, September 2015
16	K.Roopa	Comparative study of model predictive control with different controllers for induction motor fed by matrix converter	International Journal of Scientific Engineering and Technology Research	ISSN (P)2348-2370, IJSETR, Vol 08, Pages 001-006, October 2015

15. Details of Patents and Income Generated - NIL
16. Areas of consultancy and income generated: NIL
17. Faculty recharging strategies:

- Faculty Development Programmes organized in the department and faculty attending FDP programmes at outside colleges.
- Conducting workshops in the department on upcoming fields.

Academic Year: 2015-16:

S. No	Faculty Name	FDP/Training/Workshop attended	Duration	Organized by: venue place
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1	Dr. T. ANIL KUMAR	Applications of MATLAB&SIMULINK in Engineering Education	2 Days on 30&31 October 2015	Anurag Group of Institutions
2	K. BHADRAJI	Applications of MATLAB&SIMULINK in Engineering Education	2 Days on 30&31 October 2015	Anurag Group of Institutions
3	B.CHANDRA SHEKAR REDDY	Applications of MATLAB&SIMULINK in Engineering Education	2 Days on 30&31 October 2015	Anurag Group of Institutions
4	B. NAGESHWAR RAO	Applications of MATLAB&SIMULINK in Engineering Education	2 Days on 30&31 October 2015	Anurag Group of Institutions
5	MD.YASEEN	Applications of MATLAB&SIMULINK in Engineering Education	2 Days on 30&31 October 2015	Anurag Group of Institutions
6	S.SARASWATHI	Applications of MATLAB&SIMULINK in Engineering Education	2 Days on 30&31 October 2015	Anurag Group of Institutions
7	P.MAHESH	Applications of MATLAB&SIMULINK in Engineering Education	2 Days on 30&31 October 2015	Anurag Group of Institutions
8	P.CHENNAIAH	Applications of MATLAB&SIMULINK in Engineering Education	2 Days on 30&31 October 2015	Anurag Group of Institutions
9	I.VIJAY KUMAR	Applications of MATLAB&SIMULINK in Engineering Education	2 Days on 30&31 October 2015	Anurag Group of Institutions
10	A.MANJULA	Applications of MATLAB&SIMULINK in Engineering Education	2 Days on 30&31 October 2015	Anurag Group of Institutions
11	T.DINESH	Applications of MATLAB&SIMULINK in Engineering Education	2 Days on 30&31 October 2015	Anurag Group of Institutions
12	M.SERABA NDA	Applications of MATLAB&SIMULINK in Engineering Education	2 Days on 30&31 October 2015	Anurag Group of Institutions
13	B.SOUJANYA	Applications of MATLAB&SIMULINK in Engineering Education	2 Days on 30&31 October	Anurag Group of Institutions

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Academic Year: 2014-2015

S.No	Faculty Name	FDP/Training/Workshop attended	Duration	Organized by: venue place
1	Dr.R.SOMANATHAM	Control Systems Conducted by IITKharagpur	2 nd December to 12 th December 2014	Conducted by IIT Kharagpur and organized by Anurag Group of Institutions.
2	Dr.R.SOMANATHAM	Two Week Short Term Training Program PEDAGOGI Conducted by IIT Bombay	5 th Jan 2015 to 7 th Jan 2015 & 19 th Jan 2015 to 21 st Jan 2015	Conducted by IIT Kharagpur and organized by Anurag Group of Institutions.
3	Mr.SEETARAMA SARMA	Control Systems Conducted by IITKharagpur	2 nd December to 12 th December 2014	Conducted by IIT Kharagpur and organized by Anurag Group of Institutions.
4	Mr. SEETARAMA SARMA	Two Week Short Term Training Program PEDAGOGI Conducted by IIT Bombay	5 th Jan 2015 to 7 th Jan 2015 & 19 th Jan 2015 to 21 st Jan 2015	Conducted by IIT Bombay and organized by Anurag Group of Institutions.
5	K.RAJENDER REDDY	Control Systems Conducted by IITKharagpur	2 nd December to 12 th December 2014	Conducted by IIT Kharagpur and organized by Anurag Group of Institutions.
6	K.RAJENDER REDDY	Two Week Short Term Training Program PEDAGOGI Conducted by IIT Bombay	5 th Jan 2015 to 7 th Jan 2015 & 19 th Jan 2015 to 21 st Jan 2015	Conducted by IIT Bombay and organized by Anurag Group of Institutions.
7	CH. SRINIVASA RAO	Control Systems Conducted by IITKharagpur	2 nd December to 12 th December 2014	Conducted by IIT Kharagpur and organized by Anurag Group of Institutions.

8	CH. SRINIVASA RAO	Two Week Short Term Training Program PEDAGOGI Conducted by IIT Bombay	5 th Jan 2015 to 7 th Jan 2015 & 19 th Jan 2015 to 21 st Jan 2015	Conducted by IIT Bombay and organized by Anurag Group of Institutions.
9	Dr. K.SUNITHA	Control Systems Conducted by IIT Kharagpur	2 nd December to 12 th December 2014	Conducted by IIT Kharagpur and organized by Anurag Group of Institutions.
10	Dr. K.SUNITHA	Two Week Short Term Training Program PEDAGOGI Conducted by IIT Bombay	5 th Jan 2015 to 7 th Jan 2015 & 19 th Jan 2015 to 21 st Jan 2015	Conducted by IIT Bombay and organized by Anurag Group of Institutions.
11	K.ROOPA	Control Systems Conducted by IIT Kharagpur	2 nd December to 12 th December 2014	Conducted by IIT Kharagpur and organized by Anurag Group of Institutions.
12	K.ROOPA	Two Week Short Term Training Program PEDAGOGI Conducted by IIT Bombay	5 th Jan 2015 to 7 th Jan 2015 & 19 th Jan 2015 to 21 st Jan 2015	Conducted by IIT Bombay and organized by Anurag Group of Institutions.
13	K.BHADRAJI	Control Systems Conducted by IIT Kharagpur	2 nd December to 12 th December 2014	Conducted by IIT Kharagpur and organized by Anurag Group of Institutions.
14	K.BHADRAJI	Two Week Short Term Training Program PEDAGOGI Conducted by IIT Bombay	5 th Jan 2015 to 7 th Jan 2015 & 19 th Jan 2015 to 21 st Jan 2015	Conducted by IIT Bombay and organized by Anurag Group of Institutions.
15	A. SRINIVAS	Control Systems Conducted by IIT Kharagpur	2 nd December to 12 th December 2014	Conducted by IIT Kharagpur and organized by Anurag Group of Institutions.

16	A. SRINIVAS	Two Week Short Term Training Program PEDAGOGI Conducted by IIT Bombay	5 th Jan 2015 to 7 th Jan 2015 & 19 th Jan 2015 to 21 st Jan 2015	Conducted by IIT Bombay and organized by Anurag Group of Institutions.
17	B.CHANDRA SHEKAR REDDY	Control Systems Conducted by IIT Kharagpur	2 nd December to 12 th December 2014	Conducted by IIT Kharagpur and organized by Anurag Group of Institutions.
18	B.CHANDRA SHEKAR REDDY	Two Week Short Term Training Program PEDAGOGI Conducted by IIT Bombay	5 th Jan 2015 to 7 th Jan 2015 & 19 th Jan 2015 to 21 st Jan 2015	Conducted by IIT Bombay and organized by Anurag Group of Institutions.
19	B. NAGESHWAR RAO	Control Systems Conducted by IIT Kharagpur	2 nd December to 12 th December 2014	Conducted by IIT Kharagpur and organized by Anurag Group of Institutions.
20	B. NAGESHWAR RAO	Two Week Short Term Training Program PEDAGOGI Conducted by IIT Bombay	5 th Jan 2015 to 7 th Jan 2015 & 19 th Jan 2015 to 21 st Jan 2015	Conducted by IIT Bombay and organized by Anurag Group of Institutions.
21	D.LAVANYA	Control Systems Conducted by IIT Kharagpur	2 nd December to 12 th December 2014	Conducted by IIT Kharagpur and organized by Anurag Group of Institutions.
22	D.LAVANYA	Two Week Short Term Training Program PEDAGOGI Conducted by IIT Bombay	5 th Jan 2015 to 7 th Jan 2015 & 19 th Jan 2015 to 21 st Jan 2015	Conducted by IIT Bombay and organized by Anurag Group of Institutions.
23	MD.YASEEN	Control Systems Conducted by IIT Kharagpur	2 nd December to 12 th December 2014	Conducted by IIT Kharagpur and organized by Anurag Group of Institutions.

24	MD.YASEEN	Two Week Short Term Training Program PEDAGOGI Conducted by IIT Bombay	5 th Jan 2015 to 7 th Jan 2015 & 19 th Jan 2015 to 21 st Jan 2015	Conducted by IIT Bombay and organized by Anurag Group of Institutions.
25	A.RAVIKUMAR	Control Systems Conducted by IIT Kharagpur	2 nd December to 12 th December 2014	Conducted by IIT Kharagpur and organized by Anurag Group of Institutions.
26	A.RAVIKUMAR	Two Week Short Term Training Program PEDAGOGI Conducted by IIT Bombay	5 th Jan 2015 to 7 th Jan 2015 & 19 th Jan 2015 to 21 st Jan 2015	Conducted by IIT Bombay and organized by Anurag Group of Institutions.
27	K. SHIVA MANOHAR REDDY	Control Systems Conducted by IIT Kharagpur	2 nd December to 12 th December 2014	Conducted by IIT Kharagpur and organized by Anurag Group of Institutions.
28	S.MAMATHA	Control Systems Conducted by IIT Kharagpur	2 nd December to 12 th December 2014	Conducted by IIT Kharagpur and organized by Anurag Group of Institutions.
29	S.SARASWATHI	Control Systems Conducted by IIT Kharagpur	2 nd December to 12 th December 2014	Conducted by IIT Kharagpur and organized by Anurag Group of Institutions.
30	S.SARASWATHI	Two Week Short Term Training Program PEDAGOGI Conducted by IIT Bombay	5 th Jan 2015 to 7 th Jan 2015 & 19 th Jan 2015 to 21 st Jan 2015	Conducted by IIT Bombay and organized by Anurag Group of Institutions.
31	P.MAHESH	Control Systems Conducted by IIT Kharagpur	2 nd December to 12 th December 2014	Conducted by IIT Kharagpur and organized by Anurag Group of Institutions.

32	P.MAHESH	Two Week Short Term Training Program PEDAGOGI Conducted by IIT Bombay	5 th Jan 2015 to 7 th Jan 2015 & 19 th Jan 2015 to 21 st Jan 2015	Conducted by IIT Bombay and organized by Anurag Group of Institutions.
33	B.SOUJANYA	Control Systems Conducted by IIT Kharagpur	2 nd December to 12 th December 2014	Conducted by IIT Kharagpur and organized by Anurag Group of Institutions.
34	B.SOUJANYA	Two Week Short Term Training Program PEDAGOGI Conducted by IIT Bombay	5 th Jan 2015 to 7 th Jan 2015 & 19 th Jan 2015 to 21 st Jan 2015	Conducted by IIT Bombay and organized by Anurag Group of Institutions.
35	P.CHENNAIAH	Control Systems Conducted by IIT Kharagpur	2 nd December to 12 th December 2014	Conducted by IIT Kharagpur and organized by Anurag Group of Institutions.
36	P.CHENNAIAH	Two Week Short Term Training Program PEDAGOGI Conducted by IIT Bombay	5 th Jan 2015 to 7 th Jan 2015 & 19 th Jan 2015 to 21 st Jan 2015	Conducted by IIT Bombay and organized by Anurag Group of Institutions.
37	I.VIJAY KUMAR	Control Systems Conducted by IIT Kharagpur	2 nd December to 12 th December 2014	Conducted by IIT Kharagpur and organized by Anurag Group of Institutions.
38	I.VIJAY KUMAR	Two Week Short Term Training Program PEDAGOGI Conducted by IIT Bombay	5 th Jan 2015 to 7 th Jan 2015 & 19 th Jan 2015 to 21 st Jan 2015	Conducted by IIT Bombay and organized by Anurag Group of Institutions.
39	M.SARABANDA	Control Systems Conducted by IIT Kharagpur	2 nd December to 12 th December 2014	Conducted by IIT Kharagpur and organized by Anurag Group of Institutions.

40	M.SARABANDA	Two Week Short Term Training Program PEDAGOGI Conducted by IIT Bombay	5 th Jan 2015 to 7 th Jan 2015 & 19 th Jan 2015 to 21 st Jan 2015	Conducted by IIT Bombay and organized by Anurag Group of Institutions.
41	P.RAJU	Control Systems Conducted by IIT Kharagpur	2 nd December to 12 th December 2014	Conducted by IIT Kharagpur and organized by Anurag Group of Institutions.
42	P.RAJU	Two Week Short Term Training Program PEDAGOGI Conducted by IIT Bombay	5 th Jan 2015 to 7 th Jan 2015 & 19 th Jan 2015 to 21 st Jan 2015	Conducted by IIT Bombay and organized by Anurag Group of Institutions.
43	M.SRIKAR	Control Systems Conducted by IIT Kharagpur	2 nd December to 12 th December 2014	Conducted by IIT Kharagpur and organized by Anurag Group of Institutions.
44	M.SRIKAR	Two Week Short Term Training Program PEDAGOGI Conducted by IIT Bombay	5 th Jan 2015 to 7 th Jan 2015 & 19 th Jan 2015 to 21 st Jan 2015	Conducted by IIT Bombay and organized by Anurag Group of Institutions.
45	A.MANJULA	Control Systems Conducted by IIT Kharagpur	2 nd December to 12 th December 2014	Conducted by IIT Kharagpur and organized by Anurag Group of Institutions.
46	A.MANJULA	Two Week Short Term Training Program PEDAGOGI Conducted by IIT Bombay	5 th Jan 2015 to 7 th Jan 2015 & 19 th Jan 2015 to 21 st Jan 2015	Conducted by IIT Kharagpur and organized by Anurag Group of Institutions.
47	T.DINESH	Control Systems Conducted by IIT Kharagpur	2 nd December to 12 th December 2014	Conducted by IIT Kharagpur and organized by Anurag Group of Institutions.

48	T.DINESH	Two Week Short Term Training Program PEDAGOGI Conducted by IIT Bombay	5 th Jan 2015 to 7 th Jan 2015 & 19 th Jan 2015 to 21 st Jan 2015	Conducted by IIT Bombay and organized by Anurag Group of Institutions.
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Academic Year:-2013-2014

S.No	Faculty Name	FDP/Training/Workshop attended	Duration	Organized by: venue place
1	K.RAJENDER REDDY	Grid Management	12 TH December2013 to 13 TH December2013.	VidhyaJyothi Institute of Techenology,Hyd .
2	CH. SRINIVASA RAO	Two Week ISTE Workshop on Signals And Systems Conducted by IITKharagpur	2 nd to 12 th January2014.	Conducted by IIT Kharagpur and organized by Anurag Group of Institutions.
3	Dr.K.SUNITHA	Grid Management	12 TH December2013 to 13 TH December2013	VidhyaJyothi Institute of Techenology,Hyd .
4	K.ROOPA	Grid Management	12 TH December2013 to 13 TH December2013	VidhyaJyothi Institute of Technology, Hyd.
5	B.CHANDRA SHEKAR REDDY	Two Week ISTE Workshop on Signals And Systems Conducted by IIT Kharagpur	2 nd to 12 th January2014	Conducted by IIT Kharagpur and organized by Anurag Group of Institutions.
6	B. NAGESHWAR RAO	Two Week ISTE Workshop on Signals And Systems Conducted by IIT Kharagpur	2 nd to 12 th January2014	Conducted by IIT Kharagpur and organized by Anurag Group of Institutions.
7	MD.YASEEN	Two Week ISTE Workshop on Signals And Systems Conducted by IIT Kharagpur	2 nd to 12 th January2014	Conducted by IIT Kharagpur and organized by Anurag Group of Institutions.
8	K. SHIVA MANOHAR REDDY	Two Week ISTE Workshop on Signals And Systems Conducted by IIT Kharagpur	2 nd to 12 th January2014	Conducted by IIT Kharagpur and organized by Anurag Group of Institutions.
9	S.SARASWATHI	Five Days Workshop on Power Electrical Application	14 TH TO 18 TH October 2013.	NIT WARANGAL
10	P.MAHESH	Two Week ISTE	2 nd to 12 th	Conducted by IIT

		Workshop on Signals And Systems Conducted by IITKharagpur	January2014	Kharagpur and organized by Anurag Group of Institutions.
11	B.SOUJANYA	Grid Management	12 TH December2013 to13 TH December2013	VidhyaJyothi Institute of Techenology,Hyd
12	P.CHENNAIAH	Grid Management	12 TH December2013 to13 TH December2013	VidhyaJyothi Institute of Techenology, Hyd.
13	I.VIJAY KUMAR	Two Week ISTE Workshop on Signals And Systems Conducted by IITKharagpur	2 nd to 12 th January2014	Conducted by IIT Kharagpur and organized by Anurag Group of Institutions.
14	M.SRIKAR	Two Week ISTE Workshop on Signals And Systems Conducted by IITKharagpur	2 nd to 12 th January2014	Conducted by IIT Kharagpur and organized by Anurag Group of Institutions.

Acedemic Year: 2012-13

S.No	Faculty Name	FDP/Training/ Workshop attended	Duration	Organized by: venue place
1	K.RAJENDER REDDY	Introduction to Research Methodologies	June 2012	Anurag Group of Institutions, Hyd.
2	CH. SRINIVASA RAO	Introduction to Research Methodologies	June 2012	Anurag Group of Institutions, Hyd.
3	K.ROOPA	Introduction to Research Methodologies	June 2012	Anurag Group of Institutions, Hyd.
4	K.BHADRAJI	Introduction to Research Methodologies	June 2012	Anurag Group of Institutions, Hyd.
5	A. SRINIVAS	Introduction to Research Methodologies	June 2012	Anurag Group of Institutions, Hyd.
6	B.CHANDRA SHEKAR REDDY	Recent Trends In Switchgear and Protection	05-07-2012 TO 07-07-2012	VidhyaJyothi Institute of Technology, Hyd.

7	B. NAGESHWAR RAO	Recent Trends In Switchgear and Protection	05-07-2012 TO 07-07-2012	Vidhya Jyothi Institute of Technology, Hyd.
8	D.LAVANYA	Recent Trends In Switchgear and Protection	05-07-2012 TO 07-07-2012	Vidhya Jyothi Institute of Technology, Hyd.
9	MD.YASEEN	Recent Trends In Switchgear and Protection	05-07-2012 TO 07-07-2012	Vidhya Jyothi Institute of Technology, Hyd.
10	A . RAVIKUMAR	Recent Trends In Switchgear and Protection	05-07-2012 TO 07-07-2012	Vidhya Jyothi Institute of Technology, Hyd.
11	K. SHIVA MANOHAR REDDY	Introduction to Research Methodologies	June 2012	Vidhya Jyothi Institute of Technology, Hyd.
12	S.MAMATHA	Recent Trends In Switchgear and Protection-VJIT-3 Days(05-07-2012 TO 07-07-2012	05-07-2012 TO 07-07-2012	Vidhya Jyothi Institute of Technology, Hyd.

18. Student projects

- 1) percentage of students who have done in-house projects including inter-departmental"100%
- 2) Percentage of students doing projects in collaboration with Industries / institutes

S.No	Academic Year	Total projects	In House Projects	In Collaboration With Industry	Percentage	Outside the Institution	Percentage
1	2010-14	36	36	0	100	0	0
2	2011-15	27	27	0	100	0	0
3	2012-16	27	27	0	100	0	0

19. Awards / recognitions received at the national and international level by

- Faculty
- Doctoral / Post-Doctoral fellows
- Students

Student's recognitions received at the national level:

Academic Year (2014-2015)

S.No	Name of The Event	Roll numbers	Name of Participant	Organizing Institute	Year	Prize/Participation
1	Paper Presentation	12H61A0288	D. Sri Vani	Nalla Narasimha Reddy EnggCollege, Hyderabad.	30 th - 31 st January 2014	Participation
2	Atmas Annual Techno Management Fest 2014.	13H61A0214	Ch. Vishal	BITS, Pilani Hyderabad Campus.	2014	Participation
3	SamagraKutumba Survey	13H65A0207	D. Ashwini	Govt. Of Telangana	19 th August 2014	Participation
4	Slate Program on Robotics	12H61A0232	R. Arun	SKYFI Labs, Hyderabad.	20 th -21 st September 2014	Participation
5	Workshop on Solar And Smart Energy Systems	12H61A0337	Sai Charanya.P	SKYFI Labs, Hyderabad.	11 th -12 th October 2014	First Prize
6	Workshop on Industrial Automation By SCADA	11H61A0212	D. Sai Srinivas	Air Voice Engineering Solutions, Hyderabad.	13 th OCT 2014	Participation.
7	Workshop on Industrial Automation By SCADA	12H6AO249	P.Sreekanth Patil	Air Voice Engineering Solutions, Hyderabad.	13 th OCT 2014	Participation.
8	Entrepreneurship Awareness Camp	12H61A0236	S.ShravaniDatta	Entrepreneurship Development Cell OU, Hyderabad.	16-18 October 2014	Participation
9	Slate Program	12H61A0337	Sai Charanya	SKYFI Lab, Hyderabad.	31 st January 2015- 01 st February 2015.	Best Design
10	ROBOVERSITY-IUCEE Challenge	12H61A0237	P.SaiCharanya	BMS College of Engineering, Bangalore.	8 th - January 2015	2 nd Runner Up
11	ROBOVERSITY-IUCEE Challenge	12H61A0232	R.Arun	BMS College of Engineering,	8 th - January 2015	2 nd Runner Up

				Bangalore.		
12	ROBOVERSITY-IUCEE Challenge	12H61A0238	T.Kiran	BMS College of Engineering, Bangalore.	8 th - January 2015	2 nd Runner Up
13	Slate Program on Animatronics Hand	12H61A0232	R.Arun	SKYFI Labs, Hyderabad.	31 st January 2015- 01 st February 2015	Merit
14	Paper Presentation	12H61A0267	M.Susma	National Level Technical Symposium Organized By NNRG R.R Dist.	26 th - 27 th February 2015	Second Prize
15	Paper Presentation on Patrabhara	12H61A0337	Sai Charanya	Osmania University Hyderabad	6 th -7 th March 2015	Participation
16	Technical Paper Presentation	12H61A0337	Sai Charanya	CBITHyderabad	10 th -11 th March 2015	Participation
17	Paper Presentation	12H61A0337	Sai Charanya	JNTU Hyderabad	11 th -12 th March 2015	Participation
18	Pragnya 2015, A National Level Technical Symposium	14H61A0230	JV Sai Sathya Monikanta	JNTU Hyderabad, Dept. of EEE and IIT Bombay Dept. of Energy Science and Tech	11 th - 12 th March 2015	Participation
19	NRC India	14H61A0230	JV Sai Sathya Monikanta	JNTU College of Engineering, Hyderabad.	11 th -12 th March 2015	Zonal Winner
20	Work Shop on Robotics	13H61A0230	M.Veena Sri	JNTU Hyderabad.	11 th March 2015	Participation.
21	Workshop on Quad copter Conducted By Ark Technosolutions	13H61A0275	S.Preethi	National Research Center Indiaat JNTU Hyderabad.	11 th -12 th March 2015	Participation.
22	Pragnya 2015 A National	13H61A02B1	S.Bhavya	IIT Bombay & JNTU,	11 th -12 th March	Participation.

	Level Technical Symposium Workshop On Quadcopter			Hyderabad	2015	
23	Workshop On Quadcopter	13H61A02B1	S.Bhavya	National Research Center India, Conducted at JNTU Hyderabad	11 th -12 th March 2015	Participation.
24	Workshop On Quadcopter	11H61A0238	S.Ravali	IIT Bombay & JNTU Hyderabad	11 th -12 th March 2015	Participation.
25	Workshop On Quadcopter	11H61A0238	S.Ravali	National Research Center India, Conducted at JNTU Hyderabad	11 th -12 th March 2015	Participation.
26	Workshop On Quadcopter	13H61A02A7	Poorna Ragula Kolla	IIT Bombay & JNTU, Hyderabad.	11 th -12 th March 2015	Participation.
27	Workshop On Quadcopter	12H61A0236	S.Shravani Datta	IIT Bombay & JNTU Hyderabad.	11 th -12 th March 2015	Participation.
28	Zonal Level Robotics Competition	12H61A0236	S.Shravani Datta	National Research Center, India, Conducted at JNTU Hyderabad	11 th -12 th March 2015	Zonal Winner
29	Paper Presentation	12H61A0232	R. Arun	IIT Bombay & JNTU Hyderabad	11 th -12 th March	Participation.
30	Talent Hunt	13H65A0201	D.Ashwini	IFEC Himayath Nagar, Hyderabad	13 th March 2015	Participation.
31	Work Shop on Quadcopter	12H61A0290	T.Praveen	IIT Bombay & JNTU Hyderabad	11 th -12 th March 2015	Participation.
32	Work Shop on Quadcopter	12H61A0267	M.Sushma	IIT Bombay & JNTU Hyderabad	11 th -12 th March 2015	Participation.
33	Paper Presentation	12H61A0267	M.Sushma	IIT Bombay & JNTU Hyderabad	11 th -12 th March 2015	Participation.
34	Paper Presentation	12H61A0290	T.Praveen	IIT Bombay & JNTU Hyderabad	11 th -12 th March 2015	Participation.

35	Work Shop on Quad Copter	13H61A0233	N.V.K. Rohith	IIT Bombay & JNTU Hyderabad	11 th -12 th March 2015	Participati on.
36	Zonal Level Robotics Competetion of NRC India	13H61A0233	N.V.K. Rohith	National Research Center, India Conducted at JNTUHydera bad	11 th - 12 th March 2015	Zonal Winner
37	Work Shop on Quadcopter	12H61A0288	D.Srivani	IIT Bombay & JNTUHydera bad	11 th -12 th March 2015	Participati on.
38	Paper Presentation	12H61A0267	M.Sushma	BVRIT for Women, Hyderabad College of Engineering	23 th -24 th March 2015	Participati on.
39	Paper Presentation	12H61A0288	D.Srivani	BVRIT Engineering College for women.	23 th -24 th March 2015	Participati on.
40	Paper Presentation	12H61A0288	D.Srivani	NNRG – Integrated Campus R.R Dist.	26 th -27 th March 2015	Second Prize
41	Paper Presentation	12H61A0288	D.Srivani	IIT Bombay& JNTU Hyderabad.	11 th -12 th March 2015	Participati on.
42	Talent Hunt	12H61A0221	K.Sravani	IFE CE Himayath Nagar Hyderabad.	12 th March 2015	Participati on.
43	Talent Hunt	13H61A0214	Ch. Vishal	IFECEHimaya th Nagar Hyderabad.	12 th March 2015	Participati on.
44	Spoken Word Poetry	13H61A0233	N.V.K. Rohith	Worded Celebration Slam and Fundraiser.	12 th JULY 2015	Participati on.
45	Workshop on Rocketeers Model Rocketry	13H61A0214	Vishal.Ch	Rocketeers Hyderabad	25 th -26 th Septemb er 2015	Participati on.
46	Himabindu Blood Bank	14H61A0284	K.Sri Vishnu Prasad	AGOI NSS, JNTU&Himab indu Blood Bank.	26 th Septemb er 2015.	Participati on.
47	EZENITH FASTRACK Assembly	14H61A0284	K.Sri Vishnu Prasad	EZENITH Education Ltd.	10 th October 2015	Participati on.

	Disassembly Workshop					
48	Ark Technosolutions and Robokart.Com & Amalgam, IIT Madras.	14H61A0230	Jv Sai SathyaMonikanta	IIT Madras	30 th -31 st October 2015	Participation.
49	IYF World Camp 7 th To 9 th September 2015	13H61A0214	Ch.Vishal	NALSAR University of Law, Hyderabad	2015	Participation.
50	Ark Technosolutions	14H61A0284	K.Sri Vishnu Prasad	National Research Center, India	30 th – 31 st October 2015	Participation.
51	Paper Submitted in Plasmonics	13H65A0201	D.Ashwini	Vasavi College of Engineering	Acumen-2015 Annual Technical Symposium	Participation.
52	Workshop on Gesture Control Using MATLAB	13H61A0233	N.V.K. Rohith	Techfest by IIT Bombay	26 th - 28 th December 2015	Participation.
53	Paper Submitted in Plasmonics	12H61A0221	K.Sravani	Vasavi College of Engineering	Acumen-2015	Participation.

Academic Year (2013-2014)

S.No	Name of the Event	Roll Numbers	Name of the Participant	Institute of Organizing	Year	Prize/ Participation
1	Rc Air Craft	12H61A0232	R. Arun	SKYFILabs, Hyderabad.	7 th - 9 th October 2013	Participation
2	Workshop on Robotics	12H61A0232	R. Arun	Sakrobotix Lab Pvt.Ltd, Hyderabad.	12 th - 13 th August 2013	Participation
3	Taekwondo	13H61A0280	D. Himaja	Students First Olympic National Games 2014-2015	2014	Gold Medal Winner
4	Paper Presenta	12H61A0237	P. Sai Charanya	School of Engineering,	30 th - 31 st Jan	Participation

	tion			NNRG, Hyderabad.	uary 2014	
5	Slate Program	12H61A02 32	R. Arun	SKYFILabs, Hyderabad	7 th - 8 th Febr uary 2014	Participation.
6	Slate Program	12H61A02 36	S.ShravaniDa tta	Conducted by SKYFILab,Hydera bad.	7 th -8 th Februa ry 2014	Participation.
7	Paper Presenta tion	11H61A02 12	D.SaiSreeniv as	Techno Cultural Fest, IIT Hyderabad	22 nd Februa ry 2014	Participation.
8	Work Shop on Solar PV System Design	12H61A02 71	Sainath Reddy	Vagdevi College of Engineering. (Warangal)	21 st Ma rch 2014	Participation.
9	Work Shop on Solar PV System Design	15H65A02 13	Sai Kiran	Vagdevi College of Engineering. (Warangal)	21 st Ma rch 2014	Participation.
10	Work Shop on Solar PVSystem Design		Shirama Krishna	Vagdevi College of Engineering. (Warangal)	21 st March 2014	Participation.
11	Internshi p Training	12H61A02 36	S.ShravaniDa tta	BHEL Hyderabad	5 th - 20 th June 2014	Participation.
12	Slate Program	12H61A02 37	Sai Charanya	Conducted By SKYFILab, Hyderabad.	21st Septe mber 2014	Participation.
13	Swarm Robotics	12H61A02 21	K.Sravani	SKYFILabs, Hyderabad.	20 th - 21 st Septe mber 2014	Participation.
14	Solar and Smarten ergy Systems	12H61A02 32	R. Arun	Conducted by SKYFILabs, Hyderabad.	11 th - 12 th Oct ober 2014	Participation.
15	Solar and Smarten ergy Systems	12H61A02 21	K.Sravani	Conducted by SKYFILabs, Hyderabad.	11 th - 12 th Octo ber 2014	Participation.

Academic Year (2012-2013)

S.No	Name Of The Event	Roll Numbers	Name Of The Participant	Institute Organizing	Year	Prize/ Participation
1	Workshop on Maximizing Student Impact on Iste Mission	12H61A0236	S. Shravan Datta	AGIGhatkesar	20 th -22 nd December 2012	Participation.
2	Workshop on Robotics	12H61A0237	Sai Charanya.P	Sakrobotix Lab Pvt.LtdOrganised At CVSR College of Engineering	12 th -13 th August 2013	Participation.
3	Workshop on Haptics	12H61A0236	S.ShravanDatta	Robo Genesis Conducted at AGI Ghatkesar	13 th -14 th September 2013	Participation.
4	Robo Race	11H61A0212	D.Sai Srinivas	Vignan Institute of Technology & Aeronautical Engineering, Hyderabad	2013	Participation.
5	Slate,Rc Aircraft	12H61A0238	T.Kiran	SKYFI Labs, Hyderabad.	7 th -9 th October 2013	Participation.
6	Slate,Rc Aircraft	12H61A0232	R.Arun	SKYFI Labs,Hyderabad.	7 th -9 th October 2013	Participation.
7	Slate,Rc Aircraft	12H61A0202	A.Soujanya	SKYFI Labs,Hyderabad.	7 th -9 th October 2013	Participation.
8	Slate,Rc Aircraft	12H61A0217	K.SaiTeja	SKYFI Labs,Hyderabad.	7 th -9 th October 2013	Participation.
9	Slate,Rc Aircraft	12H61A0216	J.Pravalika	SKYFI Labs, Hyderabad.	7 th -9 th October 2013	Participation.
10	Slate,Rc Aircraft	12H61A0206	A.Saisudha	SKYFI Labs,Hyderabad.	7 th -9 th October 2013	Participation.
11	Slate,Rc Aircraft	12H61A0236	SravaniDatta	SKYFI Labs, Hyderabad.	7 th -9 th October 2013	Participation.
12	Slate,Rc Aircraft	12H61A0203	A.Venkatesh wara Prasad	SKYFI Labs, Hyderabad.	7 th -9 th October 2013	Participation.

20. Seminars/ Conferences/Workshops organized and the source of funding (national/international) with details of outstanding participants, if any.

S.No	Name Of The Workshop	Organized by	SOURCE OF FUNDING	dates	No of participants
1	Control Systems	IIT Kharagpur	Under the National Mission on Education through ICT(MHRD, Govt. of India)	2 nd Dec 2014 to 12 th Dec 2014	51
2	Pedagogy for Effective use of ICT in Engineering Education	IITBombay	Under the National Mission on Education through ICT(MHRD, Govt. of India)	5 th Jan 2015 to 7 th Jan 2015 & 19 th Jan 2015 to 21 st Jan 2015	76
3	Use of ICT in Education for Online and Blended Learning	IIT Bombay	Under the National Mission on Education through ICT(MHRD, Govt. of India)	2 nd May 2016 to 10 th July 2016	179

21. Student profile course-wise:

Name of the Course	Batch	Applications Received	SELECTED		%Perc entag e
			Male	Female	
UG (EEE)	2012-16	Since the applications are processed by the State Council for Higher Education of the State Government, the number of applications received are not known but allotted seats are 100% filled	76	28	99
	2011-15		81	27	77.78
	2010-14		101	37	81.9
	2009-13		55	33	72.73
PG (PE&ED,EPS)	2011-13		28	12	85
	2012-14		28	11	65.1
	2013-15		19	18	75.67

22. Diversity of Students

UG/PG	Year	Name of the Course	% of students from the same state	%of students from other States	%of students from abroad
UG	2012-2013	EEE	90	10	0
	2013-2014		90	10	0
	2014-2015		90	10	0
	2015-2016		90	10	0
	2016-2017		90	10	0
PG	2012-2013		90	10	0
	2013-2014		90	10	0
	2014-2015		90	10	0

	2015-2016		90	10	0
	2016-2017		90	10	0

23. How many students have cleared Civil Services, Defense Services, NET, SLET, GATE and any other competitive examinations?

S.No	Student Progression	Against % enrolled			
		2012-13	2013-14	2014-15	2015-16
1	GATE/M.TECH PG-SET/ MS/GRE/MBA	23	36	38	34

24. Student progression

Student progression	% Against enrolled			
	2012-13	2013-14	2014-15	2015-16
UGto PG	52	64	47	48
PG to M.Phil.	-	-	-	-
PG to Ph.D.	-	-	-	-
Ph.D. to Post-Doctoral	-	-	-	-
Employed • Campus selection • Other than campus recruitment	43	72	51	46
Entrepreneurs	01	02	02	01

25. Diversity of staff

Percentage of faculty who are graduates: 100%	
of the same parent university	29%
from other universities within the State	3%
from other universities from other States	3%

26. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the Assessment period.

S.No	Name Of The Faculty	Degree	University	Year
1	Dr. K.Suneeta	PhD	JNTUH	2014
2	Dr. T. Anil Kumar	PhD	JNTUH	2015

27. Present details of Infrastructural facilities

S.No	Name of the Infrastructural facility	Quality/ Details
1	Library	Floor space :50 sq.m No. of volumes:220 No. of titles :212 No. of project reports :175
2	Internet facilities for staff and students	Provided computing facility to all teaching staffs with internet connectivity Computer laboratory is available with 45 workstation and internet connection
3.	Total number of classrooms	6 class rooms, One Seminar Hall
4	Class rooms with ICT facility	Nil
5	Student's laboratories	1. Electrical Circuits Lab 2. Electrical Machines-I Lab 3. Electrical Machines-II Lab 4. Control Systems Lab 5. Power Electronics 6. Electrical Measurements Lab 7. Simulation of Electrical Systems 8. Power electronics & electrical Drives Lab 9. Electrical Power Systems Lab 10. Basic Electrical Engineering Lab
6	Research laboratories	1.Center for Power System and Renewable Energy 2. Center Power Power Electronics and Control
7	Seminar Library	1 room

28. Number of students of the department getting financial assistance from College.

NIL

29. Was any need assessment exercise undertaken before the development of new program(s)? If so, give the methodology.

Yes, When the college plans to a introduce new program, an informal survey on the industrial needs, number of colleges offering the program in the state and employment prospects for the program is carried out. Based on this the College introduces the new program after obtaining approval from the statutory bodies.

30. Does the department obtain feedback form? Yes

a. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize it?

Yes, the Department obtains feedback from the faculty on curriculum and discusses it in the department faculty meetings. The necessary improvements if any are made in the curriculum and syllabi after discussion and due approval by the Board of Studies. Faculty also gives self-evaluation about the teaching-learning-evaluation and this is also used for the faculty performance appraisal and for making improvements in the teaching learning process.

b. Students on staff, curriculum as well as teaching-learning-evaluation and what is the response of the department to the same?

Feedback on Staff: Students’ feedback or the faculty is obtained twice in a semester. Corrective measures are initiated based on the feedback.

Feedback on Curriculum: Feedback or the curriculum is analyzed by the department and includes as an item in agenda in Board of Studies.

Feedback on Teaching-Learning-Evaluation: Feedback from students on teaching –learning-evaluation is also discussed.

c. Alumni and employers on the programmes and what is the response of the department to the same?

Feedback is obtained from the alumni and employers about the effectiveness of the programmes in terms of attainment of Program Outcome (POs) and Programme Educational Objectives (PEOs) to quantify the attainment and to make necessary improvements in the programmes.

31. List the distinguished alumni of the department (maximum 10)

S.No	Name	Year of passing	Present position
1	M. Vani	2013	Design Engineer
2	B. Thirupathi	2013	Quality Engineer
3	K.Sandeep Reddy	2012	Assistant Engineer
4	K. Arun	2012	Assistant Engineer
5	M. Nikitha	2012	PO, SBH
6	B. Yashodhara	2012	Senior Engineer, CPRI
7	M. Shashi Kanth	2011	Senior Software Engineer
8	P. Shashi Rekha	2008	Senior Software Engineer
9	K. Alekhya	2008	Senior Software Engineer
10	V.S.Reddy	2007	Senior Software Engineer

32. Give details of student enrichment programmes (special lectures / workshops / seminar) with external experts.

Guest Lectures Conducted by the Department for Academic Year: 2014 – 15

S. No	Name of the Speaker	Designation	Organization	Date	Topic
1	Dr. E. Muneender	Assoc. Prof	Kakatiya University	19/08/2014	Substation and Transmission Lines
2	C.A. Vishal Rao	ManAGIng Director	Elmot Altenators PVT. Ltd	21/11/2014	Manufacturing and Testing of Electrical Machines
3	K. Dhanunjay	Director	Thrive energy technologies Pvt. Ltd.	27/01/2015	Elementary Concepts on Development of Solar Energy
4	T.Sreedhar	A.E	CPTI	12/02/2015	Over view of smart grid
5	Prof. S.M. Zafarullah	Professor & HOD	VJIT	24/02/2015	History of electromagnetic fields

S. No	Name of the Speaker	Designation	Organization	Date	Topic
1	Dr. PVN Prasad	Professor	OU, Hyderabad	04/09/12	Reliability evaluation of thermal power station
2	Dr Hariharan Ramasangu	Head and Professor	MSRSAS, Bangalore	23/11/12	Modern trends in Industrial Drives
3	Prof. Jafarulla Khan	Professor and Head	VJIT	16/12/12	Electrical Machines and Drives
4	Dr. Venugopal Reddy	HOD	VCE, Warangal	29/01/13	Space Vector Modulation for Induction Motor
5	VenkataRamana	Manager-Business Development	Prolific systems & Technologies PVT.LTD	15/02/13	PLC & its Application

6	Chamarthy Srinivas	ManAGIng Director	CYME Automation Systems PVT.LTD	08/03/13	Applications in Electrical and Electronics concepts
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33. List the teaching methods adopted by the faculty for different programmes

- Lecture with discussion and Chalk & Talk
- Lecture with PPT presentation, Demonstration
- Field Visits
- Tutorial Classes and Seminars
- Assignments and Group Discussions
- Industry Oriented Mini Projects & Major Projects
- Lab exercises

34. How does the department ensure that programme objectives are constantly met and learning outcomes monitored?

- The attainment of Programme Objectives and the Learning Outcomes are ensured through proper curriculum design.
- The curriculum is designed with various theory, laboratory and both Core and Open elective courses to meet the Programme Educational Objectives, Programme Outcomes and Course Outcomes
- The Course Outcomes are clearly defined to ensure that the courses are aligned with the Programme Outcomes
- The attainment analysis of Programme Educational Objectives is done through the indirect assessment tools such as Exit Survey, Employer Survey and collection of inputs from all stake holders.
- Through regular interaction among the Module Coordinators and Course Coordinators, the efforts are taken to ensure the attainment of Course Outcomes
- Programme Outcome Attainment Assessment is performed through direct assessment tools such as Course Outcome attainment, rubrics and performance of students in national and international level exams. Indirect assessment tools such as Exit survey and Employer survey are also used.
- The attainment of Course Outcomes is monitored through the direct assessment tools such as assignments, Seminars, mid-term tests, mini& major-projects, and lab courses

35. Highlight the participation of students and faculty in extension activities.

Students:

- NSS volunteers are highly motivated and organize social activities at surrounding villages like Conduction of Blood Donation Programme, Eye Camp, Health camps
- Details of the NSS Events participated by the departmental students

36. Give details of “beyond syllabus scholarly activities” of the department.

- Department conducts industrial visits for students to expose students to industrial environment to provide field experience to students. The students of 2nd, 3rd, 4 have visited Central Power Research Institute, Power Grid Corporation of India Limited and National Thermal Power Corporation, etc.
- Department conducts guest lectures and workshops for students and faculty by eminent industry experts from Bharat Heavy Electricals Ltd, TSTRANSCO and TSGENCO to bridge the gap between industry and academics.
- MoUs with private sector industries and training institutions for conducting skill development programs in the department in upcoming area.

Industrial Visits for Academic Year: 2014 – 15.

Visit Conducted	Visit Related To Subject	Targeted Students	Date of Visit
Central Power Research Institute	High Voltage Engineering	B. Tech IV th year-A & B Section	1.10.2014
Pocharam Substation 5 MVATransformer	Power system	B. Tech IV th year-A & B Section	16.09.2014
Satish Dhawan Space Centre SHAR, Sriharikota	Power electronics and electrical machines	B. Tech III th year-A & B Section	26.2.2015
Electrical Loco Shed, Secunderabad	Electrical traction drives	B. TechIV th year-A & B Section	7.3.2015
Malkaram Automated Substation	Power systems	B. TechIII th year-A & B Section	4.4.2015

Industrial Visits for Academic Year: 2013 – 14

Visit Conducted	Visit Related to Subject	Targeted Students	Date of Visit
Elmot Alternators Pvt .Ltd	Electrical Machines	B. Tech 3 rd year	5/11/2014
Nagarjuna Hydrel Power Station	Power Systems	B. Tech 3 rd year-A Section	5/10/2013
Nagarjuna Hydrel Power Station	Power Systems	B. Tech 3 rd year-B Section	19/10/2013

Central Power Research Institute	High Voltage Engineering	B.TechIV th year-A Section	23/10/2013
Power Grid Corporation of India Limited	Power Systems	B.TechIV th year-B Section	23/10/2013

Industrial Visits for Academic Year: 2012 – 13.

Visit Conducted	Visit Related to Subject	Targeted Students	Date of Visit
National Thermal Power Corporation	Power Systems	B. Tech IV th year-A Section	17/09/2012
Narla Tata Rao Thermal Power Station	Power Systems	B. Tech IV th year-B Section	10/09/2012
North India Tour	Power Systems	B. Tech 3 rd year-A&B Section	22/12/2012-02/012013

Industrial Visits for Academic Year: 2011 – 12

Visit Conducted	Visit Related to Subject	Targeted Students	Date of Visit
Power Grid Corporation Of India Limited	Power Systems	B.Tech 3 rd year-A&B Section	20/08/2011
Ramagundam Super Thermal Power Project	Power Systems	B.Tech 3 rd year-A Section	8/2/2011
400KVSubstation,Gajwel	Power Systems	B.Tech 3 rd year	29/03/2010
220KVSubstation,Moulali	Power Systems	B.Tech 3 rd year-B Section	10/03/2010
PriyadarshiniJurala Hydro Electric Project,Mahaboobnagar	Power Systems	B.TechIV th year	5/4/2010

Industry internships:

S.No	Academic Year	No. of Students Successfully Completed the Internship
1	2015-16	12
2	2014-2015	14
3	2013-14	10

37. State whether the programme/ department is accredited/graded by other agencies. Give details.

The department of Electrical and Electronics Engineering is accredited by NBA in 2008.

38. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department

Strengths:

- Good visionary management, highly qualified, committed, and experienced faculty.
- All the labs are equipped with the latest state of the art equipment.
- Organizes Faculty Development Programmes in advance technology periodically.
- Guest lectures are arranged periodically by inviting eminent personalities from industry and academia.
- Faculty organizes various technical events at regional and national level.
- Highly qualified, experienced, dedicated and committed faculty members.
- Undertakes industry and research oriented projects
- Motivates students to go for higher studies in India & abroad.

Weakness:

- Quality of students.
- Industrial consultancy & In-house R&D
- Strengthening of professional bodies

Opportunities:

- Starting customized and valued addition Short Term Courses to meet industrial needs and to increase employment of students in the areas of food preservation techniques CAD/CAM operations training VLSI techniques/micro controllers, software remedies, Cisco controller trainings etc.
- Opportunities exist to develop R & D projects for increasing research abilities of faculties and industrial requirement.
- Develop and strengthen industry institution interaction for better placements and for need-based research and development.

- Academic participation and collaboration at national and international level.

Threats:

- Non availability of Ph.D candidates in engineering disciplines is a major threat for growing of quality education.
- Updating faculty knowledge and skill as per present industry scenario.
- Decrease in availability of quality faculty with passion towards teaching.
- Social perception about Engineering Education in India
- Getting good quality students is very difficult due to more number of private engineering colleges.

39. Future plans of the department.

- Planning to organize international level/national level conference in the department.
- Motivating faculty to carry out research activities and encourage them for writing funded project proposals for DST, UGC and AICTE.
- To start consultancy activities and extend consultancy for better industry institute interaction. .
- Conduct training programmes for students in upcoming fields.

Evaluative Report of the Information Technology (IT) Department

1. Name of the Department & its year of establishment

Department:	Information Technology
Year of establishment:	2007

The department is accredited by National Board of Accreditation (NBA) under Tier-1 category in 2015. The department has been on the growth path since its establishment and has created a massive infrastructure and produced successful pool of students who are well settled in their careers across the world.

2. Names of Programmes / Courses offered (UG, PG, M. Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)

S. No	Name of the Programmes Offered	Remarks(UG, PG, Ph. D)
1	B. Tech: Information Technology	UG

3. Interdisciplinary courses and departments involved

S. No	Name of the Course	Name of the Departments offering the course
Theory Courses		
I	1. English-I 2. English-II 3. Personality Development-I 4. Personality Development-II	English
II	5. Mathematics-I 6. Mathematics-II 7. Mathematics-III 8. Probability & Statistics 9. Operations Research	Mathematics
III	10. Engineering Physics-I 11. Engineering Physics-II	Physics
IV	12. Engineering Chemistry 13. Environmental Studies	Chemistry
V	14. Electronics and Devices Circuits 15. Digital Logic Design 16. Embedded Systems	Electronics and Communication Engineering
VI	17. Basic Electrical Engineering	Electrical and Electronics Engineering
VII	18. Engineering Graphics	Mechanical Engineering
VIII	19. Gender Sensitization 20. Management Science 21. Managerial Economics & Financial Analysis	Master of Business Administration

S. No	Name of the Course	Name of the Departments offering the course
Practical Courses		
I	1. Advanced English Communication Skills Lab	English
II	2. Engineering Physics Lab	Physics
III	3. Engineering Chemistry Lab	Chemistry
IV	4. Electronics and Devices Circuits Lab. 5. Embedded Systems Lab	Electronics and Communication Engineering
V	6. Basic Electrical Engineering Lab	Electrical and Electronics Engineering
VI	7. Engineering Workshop	Mechanical Engineering

4. Annual/ semester/choice based credit system

Anurag Group of Institutions is following the Semester System and current regulation (R15) is following Choice Based Credit System (CBCS).

5. Participation of the department in the courses offered by other departments

S. No	Name of the Course	Name of the Departments involved
1	IT Workshop Lab (ITWS)	<ul style="list-style-type: none"> • Electronics and Communication Engineering • Computer Science Engineering • Electrical and Electronics Engineering • Mechanical Engineering • Civil Engineering • Chemical Engineering
2	C Programming (under Campus Recruitment Training)	<ul style="list-style-type: none"> • Electronics and Communication Engineering • Electrical and Electronics Engineering

6. Number of teaching posts sanctioned and filled (Professors/AssociateProfessors/ Asst. Professors)

Teaching Posts	Sanctioned	Filled
Professors	1	1
Associate Professors	5	5
Assistant Professors	17	17

7. Faculty profile with name, qualification,(D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

The faculty members' in the department of Information Technology (IT) are specialized in diverse fields of Computer Science and Information Technology. The department has adequate number of doctorates, and it is enriched with faculty members who are certified by Oracle, Microsoft, IBM etc.

The list of faculty members is furnished in the table below:

S.No	Faculty Name	Qualification	Designation	Specialization	Total Experience in years (Industry+Academia)	Ph.Ds Guided in last 4 years
1	Dr. K. S. Reddy	Ph.D	Professor	<ul style="list-style-type: none"> Data Engineering Software Engineering Programming Languages 	13+1=14	--
2	D. Lakshmi Padmaja	M.Tech (CS)	Associate Professor	<ul style="list-style-type: none"> Data Mining Software Engineering Algorithms 	18	NA
3	G. L. Anand Babu	M.Tech (CSE)	Associate Professor	<ul style="list-style-type: none"> Mobile Application Development Service Oriented Architecture 	13	NA
4	Swathi Agarwal	M.Tech (CSE)	Associate Professor	<ul style="list-style-type: none"> Algorithms Programming Languages 	13	NA
5	G. Sekhar Reddy	M.Tech (CSE)	Associate Professor	<ul style="list-style-type: none"> Data analytics Software Engineering 	13	NA
6	T.AshaLatha	M.Tech (CSE)	Associate Professor	<ul style="list-style-type: none"> Network Security Data Sciences 	9	NA
7	A.Sriram	M.Tech (SE)	Assistant Professor	<ul style="list-style-type: none"> Object Oriented Programming Data analytics 	7	NA
8	Niteesha Sharma	M.Tech (CSE)	Assistant Professor	<ul style="list-style-type: none"> Cloud Computing 	5	NA
9	S.Sravan Kumar	M.Tech (CSE)	Assistant Professor	<ul style="list-style-type: none"> Computer Networks 	3	NA
10	N.Naga Lakshmi	M.Tech (CSE)	Assistant Professor	<ul style="list-style-type: none"> Big Data Data Mining 	12	NA
11	B.Namratha	M.Tech (CSE)	Assistant Professor	<ul style="list-style-type: none"> Data Bases Networking 	4	NA
12	B. Ravi Raju	M.Tech (CSE)	Assistant Professor	<ul style="list-style-type: none"> Software Engineering Big Data 	7	NA
13	V.Arun	M.Tech (CSE)	Assistant Professor	<ul style="list-style-type: none"> Web Technologies 	4	NA

14	A. Krishna	M.Tech (CSE)	Assistant Professor	• Image Processing	15	NA
15	Mrs.Bhavani	M.Tech (CSE)	Assistant Professor	• Cloud Computing	2 Years	NA
16	V.Lalitha Lavanya	M.Tech (CSE)	Assistant Professor	• Network Security	--	NA
17	Ch.Sudheer	M.Tech (CSE)	Assistant Professor	• Network Security	--	NA
18	Md.Aizaz Ahmed	M.Tech (CSE)	Assistant Professor	• Mobile Computing	3 Years	NA
19	S.Bhaskar	M.Tech (CSE)	Assistant Professor	• Big Data	4 Years	NA
20	B. Shiva Yadav	M.Tech (CSE)	Assistant Professor	• Cloud Computing	3 Years	NA
21	A. Nagaiah	M.Tech (CSE)	Assistant Professor	• Network Security	3 Years	NA
22	Srishailam	M.Tech (CSE)	Assistant Professor	• Cloud Computing	1 Year	NA
23	P. Ravi	M.Tech (CSE)	Assistant Professor	• Computer Networks	4 Years	NA

8. Percentage of classes taken by temporary faculty – programme-wise information

Nil

All the faculty members in the department of Information Technology are permanent.

9. Programme-wise Student Teacher Ratio

The Student Teacher Ratio (STR) in the department of Information Technology is 11.31:1

Year	Sanctioned Intake			N = X+Y+Z	Faculty Available (F)	STR = N/F
	II Year (X)	III Year (Y)	IV Year (Z)			
2016-17	60	61	60	181	23	7.86
2015-16	61	60	60	181	16	11.31
2014-15	60	60	60	180	15	12.00
2013-14	60	60	60	180	15	12.00
2012-13	60	60	60	180	15	12.00

10. Number of academic support staff (technical) and administrative staff: Sanctioned and filled

	Sanctioned	Filled
Academic Support Staff (technical)	4	4
Administrative Staff	1	1

11. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Mention names of funding agencies and grants received project-wise.

Nil

12. Departmental projects funded by DST-FIST; DBT, ICSSR, etc.; total grants received

Nil

13. Research facility / centre with

1. We have applied for research centre under the Jawaharlal Nehru Technological University Hyderabad (JNTUH) and the application is pending for various administrative and other reasons.
2. Dr.V.Vijay Kumar, Dean is the recognized research supervisor by the Jawaharlal Nehru Technological University Hyderabad (JNTUH), Jawaharlal Nehru Technological University Kakinada (JNTUK), Acharya Nagarjuna University (ANU), Jawaharlal Nehru Technological University Ananthapuramu (JNTUA), Mysore University and other recognized universities.
3. Five faculty members (which 25% of total faculty members) from the department of Information Technology are pursuing their Ph. D. Programme in various universities. Other faculty members have also applied for the admission and waiting for results.

The list of faculty members registered with Ph. D programme is furnished in the table below:

S. No	Name of the Faculty	University	Year of Registration
1	Ms. D. Lakshmi Padmaja	Jawaharlal Nehru Technological University Hyderabad, Telangana.	2011
2	Mr. G. Sekhar Reddy	Acharya Nagarjuna University, Guntur, Andhra Pradesh.	2014
3	Ms. T. Ashalatha	Koneru Lakshmaiah University, Guntur	2017
4	Mr. G. L. Anand Babu	Osmania Universtiy, Hyderabad	2017
5	Ms. Niteesha Sharma	Osmania Universtiy, Hyderabad	2017

14. Publications:

Publication Details of the faculty.

Number of papers published in peer reviewed journals (national / international)

S. No	Year	Papers published by the faculty in International / National Journals	Papers published by the faculty in International / National conferences
1	2016 - till date	6	1
2	2015 – 16	3	2
3	2014 – 15	3	--
4	2013 – 14	1	1
5	2012 – 13	12	--

- | | | |
|---|--------------------------------|-------------------------------|
| 1 | Chapters in Books | 3 |
| 2 | Citation Index- Range/ average | Range: 0-70 |
| 3 | Impact Factor- Range/ average | Range:0.8-3.2
Average: 1.4 |
| 4 | h- index | 0-4 |

List of Faculty Research Publications: 2016-till date

S.No	Author	Title of the Paper	Name of the Journal	Volume no; issue no; pages; year of publication; ISSN number
1	G.L. AnandBabu, Dr. K.S.Reddy, G.Sekhar Reddy	Security Challenges in Big Data	International Journal of Research in Electronics and Computer Engineering	4; 3; 57-59; July, 2016; 2348-2281
2	B.Namratha, Niteesha Sharma	Educational Data Mining - Applications and Techniques	International Journal of Latest Trends in Engineering and Technology	7; 2; 484-488; July, 2016; 2278-621X
3	G.L. AnandBabu, G.Sekhar Reddy, SwathiAgarwal	An effective approach for Visualizing Big Data	International Journal of Innovations in Engineering and Technology	7 ; 2; 77-81; August, 2016; 2319-1058
4	T.Ashalatha, N.Nagalakshmi	Improving operational efficiencies using Bigdata for financial service	International Organization of scientific research –journal of computer engineering	18; 4; 75-77; August, 2016; 2278-8727
5	Niteesha Sharma B.Namratha	Towards addressing the challenges of Data Intensive Computing in Big Data Analytics	International Journal of Control Theory and Applications	0974-5572

6	Dr. A. PrashanthRao	Ontology Spectrum using RACBES for Educational Systems	International Journal of Big Data Intelligence	Under Publishing
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List of Faculty Research Publications: 2015 - 16

S.No	Author	Title of the Paper	Name of the Journal	Volume no; issue no; pages; year of publication; ISSN number
1	N.Nagalakshmi, T. Ashalatha	Ranking Outlier Detection for High Dimensional Data using symmetric neighborhood relationship	International Journal Of Global Innovations	3;11; 111-116; March, 2016; 2319-9245
2	Dr. A.PrashanthRao	A Review on Semantic Approach using Nearest Neighbor Search	IOSR Journal of Computer Engineering	18 ;3; 46-53; May-June, 2016; 2278-8727
3	A. Sriram	Secure Data Retrieval for Decentralized Disruption Tolerant Military Networks	International Journal of Scientific Engineering and Applied Science	2; 1; 197-200; January, 2016; 2395-3470

List of Faculty Research Publications: 2014 - 15

S.No	Author	Title of the Paper	Name of the Journal	Volume no; issue no; pages; year of publication; ISSN number
1	D. Lakshmi Padmaja	Survey of Dimensionality Reduction and Mining Techniques on Scientific Data	International Journal of Computer Science and Engineering Technology	5; 3; 1062-1066; November, 2014; 2229-3345
2	D. Lakshmi Padmaja	A Survey of Different Feature Selection Algorithms with Fast	International Journal of Emerging Technology in Computer Science and Electronics	10; 1; 74-77; October, 2014; 0976-1353
3	A. Sriram	Wireless Body Area Networks	International Journal of Engineering Research and Applications	2;2; 34-39; January, 2015; 2248-9622

List of Faculty Research Publications: 2013-14

S.No	Author	Title of the Paper	Name of the Journal	Volume no; issue no; pages; year of publication; ISSN number
1	Niteesha Sharma	A unifying trust frame work on the secure computation outsourcing problem in cloud	International Journal of InnovativeTechnologies	1; 4; 1-6; September, 2013; 2321-8665

List of Faculty Research Publications: 2012 - 13

S.No	Author	Title of the Paper	Name of the Journal	Volume no; issue no; pages; year of publication; ISSN number
1	D.LakshmiPadmaja	Software Testing Approach- Survery on Graphical User Interface	International Journal of Engineering and Computer Science	1; 2; 85-93; November, 2012; 2319-7242
2	D.LakshmiPadmaja	A Comparative Study on Behavioral Regression Testing	International Journal of Research in IT, Management and Engineering	2;10; 76-80; October, 2012; 2249-1619
3	D.LakshmiPadmaja	XML Query Answering using Tree based Association Rules	International Journal of Advanced Research in Computer Engineering and Technology	1;8; 72-76; October, 2012; 2278-1323
4	B.Amarnadh Reddy	Effective Data Distribution Techniques for Multi-Cloud Storage in Cloud Computing	International Journal of Engineering Research and Applications	2;5; 1130-1134; October, 2012; 2248-9622
5	A.Sriram	Automatic Template Detection using Novel Approach	International Journal of Engineering Research and Technology	1; 7; 112-118; September, 2012; 2278-0181
6	G.L.AnandBabu	An investigation and evaluation on précised decision for scientific data using new approaches in Data	International Journal of Computer Applications in Engineering, Technology And Sciences	4; 2; 62-68; September,2012; 0974-3596

		mining		
7	A.Sriram	Hypercube based Team Multicasting routing protocol in MANET	International Journal of Emerging Trends and Technology in Computer Science	1;2; 116-121; August, 2012; 2278-6856
8	D.LakshmiPadmaja	Automatic Assessment Generation Service	International Journal of Advanced Research in Computer Engineering and Technology	1;6; 19-22; August, 2012; 2278-1323
9	G.L.AnandBabu , G.Sekhar Reddy, SwathiAgarwal	Intrusion detection techniques in mobile adhoc networks	International Journal of Computer Science and Information Technologies	3; 3; 3867-3870; September, 2012; 0975-9646
10	T.Ashalatha	Multiplexing in the Peer to Peer Live Streaming	International Journal of Computer Science and Information Technologies	3; 4; 4590-4595; October, 2012; 0975-9646
11	D.LakshmiPadmaja	An Algorithm For Concept Drifting and Grouping Categorical Data	International Journal of Computers Electrical and Advanced Communication Engineering	1;3; 61-64; July, 2012; 2250-3129
12	Niteesha Sharma	Enhanced web applications in cloud paradigm	International Journal of Research in IT, Management and Engineering	2; 6; 130-142; June, 2012; 2249-1619

S.No	Author Name	Title of Chapter	Book Name	Publisher Name / Year	ISBN
1	Dr. A. Prashanth Rao	Quality Measures for Semantic web Application	Design Solution for improving website quality and Effectiveness	IGI Global, 2015	9781466697652
2	Dr.A.Prashanth Rao	Adaptive Control Strategies for task scheduler using Internet of Things	Exploring the Convergence of Big Data from Machine Learning Techniques	IGI Global, 2016	Publication in Progress

3	Dr.A.Prashanth Rao	Discovering Knowledge Hidden in Big Data from Machine Learning Techniques	Web Data Mining and the Development of Knowledge-Based Decision Support Systems	IGI Global, 2016	Publication in Progress
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List of Faculty Conference Publications: 2016 – till date

S.No	Name of Author(s)	Paper Title	Conference Name	Year of Publication
1	A.Sriram	Malware Detection in Delay Tolerant Networks	International Conference on Innovations in Computer science and Engineering held at Guru Nanak Institutions, Hyderabad (ICICSE-2016).	July, 2016

List of Faculty Conference Publications: 2015 - 16

S.No	Name of the Author(s)	Paper Title	Conference Name	Year of Publication
1	Dr.A.PrashanthRao, SwathiAgarwal	Learning Mechanism for Real Time Task	IEEE International Conference on Computational Intelligence and Computing Research, Madurai, Tamilnadu.	December, 2015.
2	D.LakshmiPadmaja	Comparative Study of Feature Subset Selection Methods for Dimensionality Reduction on Scientific Data	IEEE 6 th International Conference on Advanced Computing, Bhimavaram, Andhra Pradesh	27 th – 28 th February, 2016.

List of Faculty Conference Publications: 2013 - 14

S.No	Name of the Author(s)	Paper Title	Conference Name	Year of Publication
1	D.Lakshmi Padmaja	Classifier Performance comparison using critical functions of Data Set	National Conference on Recent Trends and Application of Mathematics, AnuragGroup of Institutions, Hyderabad.	December, 2013.

15. Details of patents and income generated

Nil

16. Areas of consultancy and income generated

Tata Consultancy Services(TCS) has setup an online testing center TCS-iON at Anurag Group of Institutions in the year 2013 through which an amount of Rs 200,0000, out of which a share of Rs. 600,000 has been generated for Dept. of Information Technology.

17. Faculty recharging strategies

The department encourages the faculty members to participate in Workshops/Faculty Development Program/Seminars to enhance their technical skills, teaching abilities, and communication skills. Those faculty members in turn train other faculty members and share the courseware. This is one of the best in class practice, which the department has adopted.

List of faculties who have attended under Faculty Development Programs given below:

Summary of Faculty Attended Workshops / Faculty Development Programmes.

S. No	Type of recharging strategies	2016-till date	2015-16	2014-15	2013-14	2012-13
1	Faculty Development Program	13	10	10	6	--
2	Conferences	1	2	--	1	--
3	Workshops/seminars	2	5	--	--	12
4	Certification programs	1	--	--	--	--

Faculty Attended Workshops / Faculty Development Programmes: 2016- till date

S.No	Name of the Faculty	Event attended and on	Organized By; Venue; Place	Date
1	Dr. K.S. Reddy	Four week AICTE Faculty Development Program on Use of ICT in Education for Online and Blended Learning	IIT Bombay, Under AICTE, Anurag Group of Institutions, Hyderabad	2 nd May – 10 th July, 2016

2	G.L.AnandBabu	One week Faculty Development Program on “ Soft Skills”	Department of Science & Technology and Electronics & ICT Academy, NIT, Warangal	11-16 th July, 2016
3	G.Sekhar Reddy	Oneweek Faculty Development Program on “ Soft Skills”	Department of Science & Technology and Electronics & ICT Academy, NIT, Warangal	11-16 th July, 2016
4	G.L.AnandBabu	Four week AICTE Faculty Development Program on Use of ICT in Education for Online and Blended Learning	IIT Bombay, Under AICTE, Anurag Group of Institutions, Hyderabad	2 nd May – 10 th July, 2016
5	G.Sekhar Reddy	Four week AICTE Faculty Development Program on Use of ICT in Education for Online and Blended Learning	IIT Bombay, Under AICTE, Anurag Group of Institutions, Hyderabad	2 nd May – 10 th July, 2016
6	SwathiAgarwal	Four week AICTE Faculty Development Program on Use of ICT in Education for Online and Blended Learning	IIT Bombay, Under AICTE, Anurag Group of Institutions,Hyderabad	2 nd May – 10 th July, 2016
7	T.Ashalatha	Four week AICTE Faculty Development Program on Use of ICT in Education for Online and Blended Learning	IIT Bombay, Under AICTE, Anurag Group of Institutions,Hyderabad	2 nd May – 10 th July, 2016
8	Niteesha Sharma	Four week AICTE Faculty Development Program on Use of ICT in Education for Online and Blended Learning	IIT Bombay, Under AICTE, Anurag Group of Institutions, Hyderabad	2 nd May – 10 th July, 2016
9	B.Namratha	Four week AICTE Faculty Development Program on Use of ICT in Education for Online and Blended Learning	IIT Bombay, Under AICTE, Anurag Group of Institutions,Hyderabad	2 nd May – 10 th July, 2016
10	N.Nagalakshmi	Four week AICTE Faculty Development Program on Use of ICT in Education for Online and Blended Learning	IIT Bombay, Under AICTE, Anurag Group of Institutions,Hyderabad	2 nd May – 10 th July, 2016
11	A.Sriram	Four week AICTE Faculty Development Program on Use of ICT in Education for Online and Blended Learning	IIT Bombay, Under AICTE, Anurag Group of Institutions, Hyderabad	2 nd May – 10 th July, 2016
12	B.RaviRaju	Four week AICTE Faculty Development Program on Use of ICT in Education for Online and Blended Learning	IIT Bombay, Under AICTE, Anurag Group of Institutions, Hyderabad	2 nd May – 10 th July, 2016

13	Dr.A.Prashanth Rao	Seminar on Maker Space Meeting,EXITE Program	iProgress Solutions, Hitech City, Hyderabad	28 th August, 2016
14	B.RaviRaju	Seminar on Maker Space Meeting,EXITE Program	iProgress Solutions, Hitech City, Hyderabad	28 th August, 2016
15	N.Nagalakshmi,Ni teesha Sharma	Two Day Faculty Development Program on Cloud App Development	IBM Bluemix, AGI, Hyderabad	16 th & 17 th September, 2016

Faculty Attended Workshops / Faculty Development Programmes: 2015 - 16

S.No	Name of the Faculty	Event attended and on	Organized By; Venue; Place	Date
1	G.L.AnandBabu	Twoday Workshop on Design and Implementation of student centered learning	International institute for developing engineering academics at KG Reddy college of Engineering and Technology,Hyderabad	5 th -6 th January, 2016
2	G.L.AnandBabu	Oneday workshop on IBM Blue mix	MLR Institute of Technology,Hyderabad	28 th July, 2015
3	B.RaviRaju	Two-day workshop on Applications of MATLAB & SimuLink in engineering education	Anurag Group of Institutions, Hyderabad.	30 th & 31 st October, 2015
4	B.RaviRaju	Associate Analytics & security Analyst Master training program of 1 st Module	Jawaharlal Nehru Technological University Hyderabad, National Association of Software and Services Companies (NASSCOM)&Telangana Academy for Skill and Knowledge (TASK) at School of IT, JNTUH	21 st - 25 th November, 2015
5	Dr. A. PrashanthRao	One day Faculty Development Program on Modern Methods on Software Delivery	Anurag Group of Institutions,Hyderabad	23 rd January, 2016
6	G.L.AnandBabu	Oneday Faculty Development Program on Modern Methods on Software Delivery	Anurag Group of Institutions,Hyderabad	23 rd January, 2016
7	G.Sekhar Reddy	One day Faculty Development Program on Modern Methods on Software Delivery	Anurag Group of Institutions,Hyderabad	23 rd January, 2016
8	SwathiAgarwal	One day Faculty	Anurag Group of Institutions,	23 rd

		Development Program on Modern Methods on Software Delivery	Hyderabad	January, 2016
9	T.Ashalatha	One day Faculty Development Program on Modern Methods on Software Delivery	Anurag Group of Institutions, Hyderabad	23 rd January, 2016
10	Niteesha Sharma	One day Faculty Development Program on Modern Methods on Software delivery	Anurag Group of Institutions, Hyderabad	23 rd January, 2016
11	B.Namratha	One day Faculty Development Program on Modern Methods on Software delivery	Anurag Group of Institutions, Hyderabad	23 rd January, 2016
12	N.Nagalakshmi	One day Faculty Development Program on Modern Methods on Software Delivery	Anurag Group of Institutions, Hyderabad	23 rd January, 2016
13	B.RaviRaju	One day Faculty Development Program on Modern Methods on Software delivery	Anurag Group of Institutions, Hyderabad	23 rd January, 2016
14	A.Sriram	One day Faculty Development Program on Modern Methods on Software delivery	Anurag Group of Institutions, Hyderabad	23 rd January, 2016
15	G.Sekhar Reddy	Oneday workshop on Innofest	T-Hub at IIIT Hyderabad, Hyderabad	21 st November, 2015

Faculty Attended Workshops / Faculty Development Programmes: 2014- 15

S.No	Name of the Faculty	Event attended and on	Organized By; Venue;Place.;	Date
1	Dr. A.Prashanth Rao	Faculty Development Program on Introduction to Design of Algorithms	IIT Kharagpur(MHRD), Anurag Group of Institutions, Hyderabad	25 th – 30 th May, 2015
2	B. Amarnadh Reddy	Faculty Development Program on	IIT Kharagpur(MHRD), Anurag Group of Institutions, Hyderabad	25 th – 30 th May, 2015

		Introduction to Design of Algorithms		
3	SwathiAgarwal	Faculty Development Program on Introduction to Design of Algorithms	IIT Kharagpur(MHRD), Anurag Group of Institutions, Hyderabad	25 th – 30 th May, 2015
4	B. Namratha	Faculty Development Program on Introduction to Design of Algorithms	IIT Kharagpur(MHRD),Anurag Group of Institutions, Hyderabad	25 th – 30 th May, 2015
5	G. Sekhar Reddy	Faculty Development Program on Introduction to Design of Algorithms	IIT Kharagpur(MHRD),Anurag Group of Institutions, Hyderabad	25 th – 30 th May, 2015
6	G. L. AnandBabu	Faculty Development Program on Introduction to Design of Algorithms	IIT Kharagpur(MHRD),Anurag Group of Institutions, Hyderabad	25 th – 30 th May, 2015
7	D. Lakshmi Padmaja	Faculty Development Program on Introduction to Design of Algorithms	IIT Kharagpur(MHRD),Anurag Group of Institutions, Hyderabad	25 th – 30 th May, 2015
8	S. Ravi Kumar	Faculty Development Program on Introduction to Design of Algorithms	IIT Kharagpur(MHRD),Anurag Group of Institutions, Hyderabad	25 th – 30 th May, 2015
9	T. Ashalatha	Faculty Development Program on Introduction to Design of Algorithms	IIT Kharagpur(MHRD),Anurag Group of Institutions, Hyderabad	25 th – 30 th May, 2015
10	N.Nagalakshmi	Faculty Development Program on Introduction to Design of Algorithms	IIT Kharagpur(MHRD),Anurag Group of Institutions, Hyderabad	25 th – 30 th May, 2015

Faculty Attended Workshops / Faculty Development Programmes: 2013- 14

S.No	Name of the Faculty	Event attended and on	Organized By;Venue;Place	Date
1	Niteesha Sharma	Faculty Development Program on Big Data &Hadoop	Coign Institute, Hyderabad	5 th – 17 th May, 2014
2	G.Sekhar Reddy	Faculty Development Program on Big Data &Hadoop	Coign Institute, Hyderabad	5 th – 17 th May, 2014
3	T.Ashalatha	Faculty Development Program on Big Data &Hadoop	Coign Institute, Hyderabad	5 th – 17 th May, 2014
4	G.L.AnandBabu	Faculty Development Program on Cyber Security	DevmenIT Software industry, Hyderabad	19 th – 28 th May, 2014
5	S. Sravan Kumar	Faculty Development Program on Cyber Security	DevmenIT Software industry, Hyderabad	19 th – 28 th May, 2014
6	A. Sriram	Faculty Development Program on Cyber Security	DevmenIT Software industry, Hyderabad	19 th – 28 th May, 2014

Faculty Attended Workshops / Faculty Development Program's: 2012- 13

S.No	Name of the Faculty	Event attended and on	Organized By; Venue; Place	Date
1	A.Prasanth Rao	Two Week ISTE workshop on Introduction to Research Methodologies	IIT Bombay (MHRD), Anurag Group of Institutions, Hyderabad	25th June, to 4th July, 2012
2	B.Namratha	Two Week ISTE workshop on Introduction to Research Methodologies	IIT Bombay (MHRD), Anurag Group of Institutions, Hyderabad	25th June, to 4th July, 2012
3	T.Ashalatha	Two Week ISTE workshop on Introduction to Research Methodologies	IIT Bombay, through ICT (MHRD), Anurag Group of Institutions, Hyderabad	25th June, to 4th July, 2012
4	G.L.Anand Babu	Two Week ISTE workshop on Introduction to Research Methodologies	IIT Bombay (MHRD), Anurag Group of Institutions, Hyderabad	25th June, to 4th July, 2012
5	D.Lakshmi Padmaja	Two Week ISTE workshop on Introduction to Research Methodologies	IIT Bombay (MHRD), Anurag Group of Institutions, Hyderabad	25th June, to 4th July, 2012
6	Swathi Agarwal	Two Week ISTE workshop on Introduction to Research	IIT Bombay (MHRD), Anurag Group of Institutions, Hyderabad	25th June, to 4th July,

		Methodologies		2012
7	G.Sekhar Reddy	Two Week ISTE workshop on Introduction to Research Methodologies	IIT Bombay (MHRD), Anurag Group of Institutions, Hyderabad	25th June, to 4th July, 2012
8	Niteesha Sharma	Two Week ISTE workshop on Introduction to Research Methodologies	IIT Bombay (MHRD), Anurag Group of Institutions, Hyderabad	25th June, to 4th July, 2012
9	N.Shankar	Two Week ISTE workshop on Introduction to Research Methodologies	IIT Bombay (MHRD), Anurag Group of Institutions, Hyderabad	25th June, to 4th July, 2012
10	B.Amarnadh Reddy	Two Week ISTE workshop on Introduction to Research Methodologies	IIT Bombay (MHRD), Anurag Group of Institutions, Hyderabad	25th June, to 4th July, 2012
11	S.Sravan Kumar Reddy	Two Week ISTE workshop on Introduction to Research Methodologies	IIT Bombay (MHRD), Anurag Group of Institutions, Hyderabad	25th June, to 4th July, 2012
12	A.Sriram	Two Week ISTE workshop on Introduction to Research Methodologies	IIT Bombay (MHRD), Anurag Group of Institutions, Hyderabad	25th June, to 4th July, 2012

18. Student projects

S.No	Academic Year	Percentage of in-house Projects	Percentage of Projects in Collaboration with Industries / Institutes
1	2015-16	93.87%	6.12%
2	2014-15	92%	8%
3	2013-14	98%	2%
4	2012-13	100%	0%

19. Awards / recognitions received at the national and international level by
a) Awards / recognitions received at the national and international level by Faculty

S.No	Name of the faculty	Awards/recognition	Date
1	Dr. A.PrashanthRao	Best Paper award at IEEE International Conference on Computational Intelligence and Computing Research	December, 2015
2	G.SekharReddy	Best Teacher for outstanding performance in Academics atScient Institute of Technology, Hyderabad	24 th April, 2010

b) Doctoral / Post-Doctoral fellows : Nil

c) Awards / Recognitions received at the national and international level by Students

All the students of department of Information Technology are encouraged to participate in various academic events to align with the regular curriculum and advancement in the latest technologies. Various activities include technical quizzes, seminars, project expo, and other technical events that help in improving the student's communication skills, technical skills and managerial skills.

We are proud to say that the following students have achieved awards / prizes in various events which are listed below:

International Student Award/Participation

S.No	Name of the Student & Roll No	Sex	Name of the Event	Organized by, place of the event	Award/Participation
1	Anudeep Krovi, 13H61A1206	M	11 th Global Student Forum Co-International Chair, B.Sc. Environmental Engineering	Technische University Darmstadt, Germany.	Logistics Officer for Student Platform for engineering education development (SPEED) Program

National Student Award/Participation

S.No	Name of the student and Roll No.	Sex	Name of the event	Organized by, place of the event	Date of event	Award/ Participation
1	Sonali G 14H61A1251	F	Medha Programming Quiz on c/c++ in Aakruthi National Level Technical Fest	Dept. of ECE, Osmania University, Hyderabad	March, 2016	1 st Prize
	Y Snigdha 14H61A1259	F				
2	S. Parichay Singh 13H61A1242	M	Paper Presentation	T.K.R College of Engineering, Hyderabad		2000/- Cash Prize
	T. Akshitha 13H61A1249	F				
3	M.LeelaLaxmiSowjanya 14H61A1229	F	FireFoxHackathon - Infoquest	Anurag Group of Institutions, Hyderabad.	February, 2016	1 st Prize
	G.Sowjanya 14H61A1236	F				
	SindhuPriya 14H61A1215	F				
	G.Shivani 14H61A1212	F				
4	Rishika, 11H61A1209	F	Hackathon	Firefox (Club) at Anurag Group of Institutions,	12 th Dec. 2015	3 rd prize
	Siva Kumar Varma, 12H65A1201	M				

				Hyderabad.		
5	AnudeepKrovi, 13H61A1206	M	Quizzotic2K15(Tec hnical Quiz event)	Osmania University College of Engineering, Hyderabad	3 rd Mar 2015	2 nd prizes
	S.V.S. Arjun 13H61A1247	M				3 rd prizes
	K.V.UdayTeja 13H61A1224	M				2 nd prizes
6	Venkatesh 13H61A1221	M	Student Platform for engineering education development (SPEED) workshop in “21 st Grand challenges of engineering”	SR Engineering College, Warangal	15 th to 17 th Sep. 2015	2 nd prize
	Supriya 13H61A1244	F				3 rd prize
	Niveditha 13H61A1248	F				3 rd prize
	Thanmai 13H61A1250	F				3 rd prize
	K.Malavika Reddy 13H61A1222	F				2 nd prize
7	AkashGunda 11H61A1215	M	National Skill Development Corporation Online Aptitude test (TSAT 2013)	Talent sprint, Hyderabad	2 nd – 9 th Oct. 2013	Rank 190
8	V.Rajesh 10H65A1202	M	Shodhana 2k13-A National level Technical fest(Techno Quiz event)	Samskruthi College of Engineeering and Technology, Hyderabad	20 th – 21 st March, 2013	2 nd prize
9	NikithaGuptha 09H61A1234	F	In Aspirations 2020- A Campus connect program (Programming Contest event)	Anurag Group of Institutions, Hyderabad.	2012- 13	1 st Prize
10	B.Akhila 11H61A1206	F	Techno breeze 2k12technical fest (mock interview event)	SLC(Satyam Learning Campus) Institute of Technology, Hyderabad	24 th – 25 th Septem ber, 2012	1 st prize
11	B.Akhila 11H61A1206	F	Techno breeze- 2k12technical fest (tech quiz event)	SLC(Satyam Learning Campus) Institute of Technology. Hyderabad	24 th – 25 th Septem ber, 2012	2 nd prize
12	T.K.N. Goutham 08H61A1256	M	Quest 2012 technicalfest (technical quiz event)	Jawaharlal Nehru Technological University , Hyderabad	17 th March, 2012	1 st prize
	M.Srikanth Reddy 08H61A1236	M				
	Ch.Gopi Krishna 10H61A1209	M				

13	V. Sriram 07H61A1244	M	Elektra-2k9 fest (robo soccer event)	D.V.R Engineering College, Hyderabad	12 th – 13 th Septem ber, 2009	1 st prize
14	V. Sriram 07H61A1244	M	Stanza 2k9 fest (robotics- transporter event)	RRS Engineering College, Hyderabad	19 th March, 2009	2 nd prize

20. Seminars/ Conferences/Workshops organized and the source of funding (national/ International) with details of outstanding participants, if any.

S.No	Name of the Seminar/Workshop	Source Of Funding	Dates	No. of participants
1	Workshop on ICT Education for online & Blended learning	IIT-Bombay	02-05-2016 to 10-07-2016	12
2	Seminar on Cloud Computing	Anurag Group of Institutions	17-2-2016	60
3	Workshop on HTML 5.0 & CSS 3.0	Anurag Group of Institutions	28-01-2016 & 29-01-2016	60
4	Seminar on Java Programming	Anurag Group of Institutions	23-01-2016	80
5	Workshop on Adobe Photoshop	Anurag Group of Institutions	6-11-2015 & 7-11-2015	60
6	Workshop on App Development-Android	Anurag Group of Institutions	21-09-2015 to 25-09-2015	60
7	Workshop on Introduction to Design & Analysis of Algorithms	IIT-Kargpur	25-05-2015 to 30-05-2015	10
8	Seminar on IBM BLUE MIX	Anurag Group of Institutions	4-03-2015	60
9	Seminar on Python Programming	Anurag Group of Institutions	19-09-2014	110
10	Seminar on Software Testing	Anurag Group of Institutions	26-07-2014	110
11	Workshop on Computer Networks	IIT-Bombay	30-06-2014 to 5-07-2014	7
12	Workshop on C Programming	IIT-Bombay	19-05-2014 to 15-06-2014	8
13	Workshop on IBM Work light	Anurag Group of Institutions	20-03-2014 & 21-03-2014	50
14	Workshop on Database Management Systems	IIT-Bombay	21-05-2013 to 31-05-2013	8
15	Workshop on Research Methodologies	IIT-Bombay	25-06-2012 to 4-07-2012	12

21. Student profile course-wise:

Name of the Course	Batch	Applications received	Selected		Pass Percentage	
			Male	Female	Male	Female
UG B. Tech (IT)	2012-16	Number of applications received does not applicable but 100% seats are filled. The applications are processed by the state council of higher education, Telangana state government.	33	26	46.0	100.0
	2011-15		32	29	60.7	90.9
	2010-14		30	30	76.6	100.0
	2009-13		34	20	83.3	96.4

In 2014-2015, one student got transferred from Vardhaman College of Engineering, Hyderabad to Anurag Group of Institutions. Hence, the total strength was 61.

22. Diversity of Students

Name Of The Course (Refer Question No. 2)	Batch	% of students from the college	% of students from the state	% of students from other states	% of students from other countries
UG B. Tech (IT)	2012-2016	--	99	1	Nil
	2013-2017	--	80	20	Nil
	2014-2018	--	80	20	Nil
	2015-2019	--	80	20	Nil
	2016-2020	--	90	10	Nil

23. How many students have cleared Civil Services, Defense Services, NET, SLET, GATE and any other competitive examinations?

Academic Year	GATE	GRE / TOFEL / PGSET	TSAT
2015 -16	3	15	0
2014 -15	0	3	0
2013 -14	1	3	1
2012 -13	0	8	0

24. Student progression

Student Progression	Percentage against enrolled			
	2012-16	2011-15	2010-14	2009-13
UG to PG	37.5%	7.89%	6.25%	15.38%
PG to M.Phil.	--	--	--	--
PG to Ph.D.	--	--	--	--
Ph.D. to Post-Doctoral	--	--	--	--
Employed				
Campus selection	52.5%	89.5%	64.58%	50%
Other than campus recruitment	10%	2.6%	29.16%	34.6%

Entrepreneurs	--	--	--	--
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The Dept. of IT has numerous collaborations with several industrial partners for training, placements and internships to namely, Oracle, IBM, TCS, Infosys, etc.

25. Diversity of Staff

Percentage of faculty who are graduates	UG	PG	Ph.D
of the same parent university	56.5%	91.3%	4.34%
from other universities within the State	26%	4.34%	--
from other universities from other States	17.3%	4.34%	4.34%

26. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the Assessment period.

NIL

27. Present details about infrastructural facilities
a) Library:Yes

The Department has a separate library (apart from the central library) to cater the needs of the students.

S.No	Name of the infrastructure facility	Quantities/ Details
1	Library	<ul style="list-style-type: none"> No of Titles: 1154 No of volumes: 5888 No of Project reports: 92 Non book materials: 508 (CDs) Digital Library facility with 4 computers to enable the students to use National Program on Technology Enhanced Learning (NPTEL) and other online courses: 347 Subjects (3.5 TB)
2	Computing and Internet facilities for faculty and students	<ul style="list-style-type: none"> The department has 124 computers with internet facility in two different laboratories. Uninterrupted Power Backup (10KVA x 2) and a Diesel Generator are available. The available internet bandwidth is 65Mbps and can be extended on need basis. Two Internet Service Providers (ISP's) namely, Apollo Online and BSNL are operating currently. In addition to this, Wi-Fi connectivity is available within the campus. The faculty rooms have individual computers with internet facility.
3	Total number of class rooms	<ul style="list-style-type: none"> 5 Classrooms A Digital Projector and a Desktop computer are arranged in each class room 1 Seminar hall which accommodates over 200 students Faculty rooms with all required facilities

4	Class rooms with ICT facility	2 Digital class rooms
5	Subject Laboratories	<ol style="list-style-type: none"> 1. Programming Languages Lab 2. Database Systems Lab 3. Data warehousing and Data Mining Lab 4. Networking Lab 5. Computer Graphics Lab 6. Web Technologies Lab 7. Mobile Application Development Lab 8. Object Oriented Analysis and Design Lab 9. Software Testing Lab 10. Unix Programming Lab 11. Operating System Lab
6	Research laboratory	1 Research laboratory with 20 computers and internet facility

28. Number of students of the department getting financial assistance from College.

Nil

29. Was any Need Assessment Exercise undertaken before the development of new program(s)? If so, give the methodology.

Yes, When the college plans to a introduce new program, an informal survey on the industrial needs, number of colleges offering the program in the state and employment prospects for the program is carried out. Based on this the College introduces the new program after obtaining approval from the statutory bodies.

30. Does the department obtain feedback from

Feedback on Staff: Students' feedback is obtained twice in a semester. Corrective measures are initiated based on the feedback.

Feedback on Curriculum: Feedback on the curriculum is analyzed by the department and includes as an item in agenda in Board of Studies.

Feedback on Teaching-Learning-Evaluation: Feedback from students on teaching –learning-evaluation is also discussed.

Feedback is obtained from the alumni and employers about the effectiveness of the programmes in terms of attainment of Program Outcome (POs) and Programme Educational Objectives (PEOs) to quantify the attainment and to make necessary improvements in the programmes.

31. List the distinguished alumni of the department (maximum 10)

Alumni: This community provides input to the formulation and review of our Program Educational Objectives based on their professional experience. The feedback from alumni is

considered to make changes in the curriculum and their opinion in advancement of the latest technology. Regular input from alumni is obtained via the following interactions.

Surveys: The survey report collected from alumni regarding information about the existing Program Educational Objectives and curriculum.

Alumni Student List

S.No	Roll No.	Student Name	Year of Passing	Company	Position
1	12H61A1211	D.Shruthi	2016	Excers Technologies Inc.	Associate Software Engineer
2	11H61A1206	B.Akhila	2015	ADP Technologies	Member Technical
3	11H61A1235	P.V.Samba Shiva Raju	2015	Wipro Technologies	Engineer
4	10H61A1248	K.Sampath Kumar	2014	HCL Technologies	Software Engineer
5	10H61A1204	B.Niharika	2014	Infosys Limited	Systems Engineer
6	10H61A1251	SonaliSrivastava	2014	Tata Consultancy Services	Assistant System Engineer
7	10H61A1222	H.Harsha	2014	Infosys Limited	Systems Engineer Trainee
8	09H61A1205	KireetBharadwaj	2013	CognizantTechnology Solutions	Programmer Analyst Trainee
9	09H61A1210	C.Anusha	2013	Virtusa Corporation	Associate Engineer
10	08H61A1246	P.Archana	2012	Infosys Limited	Systems Engineer Trainee
11	07H61A1222	K.Tulasi Ram	2011	Accenture Services	Software Engineer

32. Give details of student enrichment programmes (lectures/workshop/seminar) with external experts.

The department of Information Technology organizes different programs under professional chapters. The aim of these chapters is to enable students and faculty members in enhancing their communication skills, update the latest technology, presentation skills and industry academia interaction. The main objective of the professional chapter is to help improve the relationship with members of the professional chapters, to develop programs that support the information needs of our students, communication skills, update the latest technology, paper presentation skills, defining Program Educational Objectives, Program Outcomes and industry-academia interaction.

The following are the professional chapters available in the department:

1. ISTE (Indian Society for Technical Education): Our Institution is a renowned member of ISTE and runs ISTE chapter and ISTE student chapter.
2. CSI (Computer Society of India): CSI has been instrumental in guiding the Indian IT industry down the right path. The CSI chapter formed in 2008.

3. IEEE (Institute of Electrical and Electronics Engineers): IEEE is the world's largest professional association dedicated to advancing technological innovation and excellence for the benefit of humanity.
4. ACM (Association for Computing Machinery): The Association for Computing Machinery (ACM) is a U.S.-based international learned society for computing. The chapter was inaugurated in 2nd February, 2013.

Apart from the listed professional chapters, the department also has a technical club – i-Technoz to nurture students in technical and life skills.

i-Technoz Technical Club:

i-Technoz is a student association at the department of Information Technology, was launched in the year 2007. i-Technoz the objective is to provide a forum for exchange of experiences, ideas, knowledge and latest information.

i-Technoz is an integral part of the department of Information Technology. Since its inception, the student club has conducted various activities and has assisted students to surmount their anxieties and augment their communication and conversational skills. It has and will be the pride of the IT department. Regular activities include, Technical Skills, Quizzes, Programming contests, Problem solving and logical thinking, Non-Technical skills, and industry readiness skills.

Wall Honour of i-Technoz:

Academic year	President	Vice-president
2015 - 16	P. V. Sameer	B. Tharun & S. Sahiti
2014 - 15	K.V. Rama Rao	P.V. SambashivaRaju
2013 - 14	RamyaRamachandran	Godha Reddy
2012 - 13	Sudeep Reddy	SwathiRasoju
2011 - 12	PrateekBagalwadi	JyotsnaTejaswi
2010 - 11	B. Tharun	R. Vishwanathan

Events Conducted as part of i-Technoz:

S.No	Name of the event	Date
1	Bug the Bugs (Technical event)	21 st August, 2015
2	Reason-a-dilemma (Non-Technical event)	14 th August, 2015
3	i-Technoz Day	8 th November, 2014
4	Presentation on Solar Charger	15 th October, 2014
5	Fantasy career	15 th October, 2014

6	General Quiz on C	17 th September, 2014
7	Guest Lecture on CSI events	12 th August, 2014
8	Role Play on Marketing Strategies	5 th August, 2014
9	Introduction of panel members & JAM Session.	30 th July, 2014
10	Mock Press conference	17 th July, 2014
11	Technical Quiz on JAVA	10 th July, 2014
12	Mystery Memory session	11 th December, 2013
13	Google Zetgiest 2013	7 th November, 2013
14	Teachers Day Celebrations	5 th September, 2013
15	Redesigning Logos	8 th August, 2013
16	Session on Cloud Computing	19 th July, 2012
17	Poster presentation on Cloud Computing	19 th July, 2012
18	Session on Android App Development	4 th August, 2011
19	Web designing	28 th July, 2011
20	Introduction to server side & Client Side Scripting	21 st July, 2011

Workshops, Seminars & Guest Lectures for Students organized at Anurag Group of Institutions (AGI) under various professional chapters:

2016-2017

S.No	Seminar/ Work Shop/ Special Lecture	Title of the Programme	Name & Designation of External Experts	Date	Professional chapters
1	Special Lecture	Web Technologies	Mr.D. Ram Shankar, founder of i-Techno Guru, Hyderabad.	30-31 August, 2016	CSI
2	Guest Lecture	Career Opportunities after Engineering	Mr. Nand Kumar B, Academic Coordinator, Career Launcher, Hyderabad.	27 th July, 2016	ACM
3	Lecture	Software Testing	Dr.K.S. Reddy, Professor, HOD IT, AGI, Hyderabad.	13th July, 2016	IEEE
4	Technical Talk	Advance Java & PHP	Mr.D.Jayaraj, Technical Lead, Verizon India Pvt. Ltd, Hyderabad	29 –30 June. 2016	ISTE

2015-2016

S.No	Seminar/ Work Shop/ Special Lecture	Title of the Programme	Name & Designation of External Experts	Date	Professional chapters
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1	Lecture	Cloud Computing	Dr. Sujoy Bhattacharya, Professor, Dept. of IT, BVRIT, Hyderabad	17 th February, 2016	ISTE
2	Special lecture	HTML 5.0 & CSS 3.0	Mr.V.Krishna Kishore, Shadaan Technologies, Hyderabad	28 - 29 January, 2016	CSI
3	Workshop	Java Programming	Mr. A. Satyanarayana, Technology Lead, Infosys, Hyderabad	23 rd January, 2016	CSI
4	Seminar	Wellness through sushumnakriya yoga for Engineers	Mr.Anirban Pal, Technology Lead, TechMahindra, Hyderabad.	22 nd January, 2016	ACM
5	Workshop	Adobe Photoshop	Mr. A. Praveen Kumar & Mr. Maqbul, Graphic Designer, TCS, Hyderabad	6 – 7 November, 2015	ISTE
6	Workshop	Android App Development	Mr. Y. Naveen Reddy, Senior Android Developer, Coign, Hyderabad	21 - 25 September, 2015	CSI

2014-2015

S.No	Seminar/ Work Shop/ Special Lecture	Title of the Programme	Name & Designation of External Experts	Date	Professional chapters
1	Special lecture	Computer Graphics	Dr.Srinivasa Reddy, Professor, Anurag Group of Institutions, Hyderabad	25/03/2015	CSI
2	Lecture	Blender	Mr.V.Rajkumar, founder, In Collaboration with Dasha Interactive Solutions, Hyderabad	5/03/2015, 7/03/2015	ISTE
3	Workshop	Attitude Shortcuts	Mr. Anil Nair Trainee from Ratiya private Ltd., Hyderabad	26/02/2015	IEEE
4	Workshop	HTML5.0	Mr.M. Pavan Kumar Reddy, Microsoft Certified Professional (MCP), Hyderabad	24/1/2015	CSI
5	Special lecture	Tech Quiz	Mr.Akash&Mr.SummitAgarwal, Trainees, Milestone Tech Hub Pvt. Ltd., Hyderabad	23/12/2014	ACM
6	Special lecture	Motivational Skills	Mr.SatyaNadella, CEO, Microsoft, Hyderabad	14/10/2014	ACM
7	Workshop	Python	Mr.G. L. Venkateshwarlu, Senior IT Engineer, CMC Pvt. Ltd., Hyderabad	19/9/2014	IEEE
8	Seminar	Personality Development	Mr.T.V. Ramaiah, Personality development trainer, Ram	6/9/14	ISTE

		Seminar	Krishna Matham, Hyderabad		
9	Workshop	PHP & Joomla	Mr. Shankar Mahesh, CEO, Flywings Group, Hyderabad	3/9/2014	ACM
10	Lecture	General Awareness on CSI	Mr. Krishna Kumar, CSI student Coordinator, Vice President of CSI, Hyderabad.	12/8/2014	CSI
11	Special lecture	Applications of HCI	Mrs. C. Beena, Professor, Osmania University, Hyderabad	28/8/2014	CSI
12	Guest lecture	Software Testing	Mr. Jocy Mathew, Associate, Cognizent Technologies, Hyderabad	26/7/14	ISTE

2013- 2014

S.No	Seminar/ Work Shop/ Special Lecture	Title of the Programme	Name & Designation of External Experts	Date	Professional chapters
1	Guest Lecture	Career Planning & Development	Mr. KashyapPalivela, Product Manager, HP Academy.	16/4/2014	ACM
2	Guest Lecture	Design and Analysis of Algorithms	Ms. S. Durga Bhavani, Professor, Department of CSE, Hyderabad Central University, Hyderabad.	6/3/2014	IEEE
3	Special lecture	First webcast of Satya Nadella	Mr. Satya Nadella, CEO, Microsoft, Hyderabad.	6/2/2014	ACM
4	Workshop	Adobe Photoshop	Mr. Raj kumar, CG Artist, COIGN Institute, Hyderabad.	8/10/2013 9/10/2013	CSI
5	Workshop	Cyber Security & Malware Analysis	Mr. Saisathish, CEO Indian Servers.	10/9/2013 11/9/2013	ACM
6	Seminar	Computer Organization	Dr. C. R. Sarma, Department of ECE, GNITS, Hyderabad.	6/9/2013	CSI
7	Guest Lecture	Formal Languages and Automata Theory	Dr. G. S. N. Murthy, Professor, AGI, Hyderabad	12/8/2013	ISTE
8	Special lecture	GNU/Linux Administration	Abinaysama & A. Ashish, Manager, e-Swecha, Hyderabad	31/7/2013	CSI

2012-2013

S.No	Seminar/ Work Shop/ Special Lecture	Title of the Programme	Name & Designation of External Experts	Date	Professional chapters
1	Guest Lecture	Compiler Design	Dr. Srinivasa Reddy, Professor, Anurag Group of Institutions, Hyd	23/3/2013	ISTE
2	Special lecture	Hands on Experience on WEKA Tool	Mr. C.Venugopala chary, Professor, CBIT, Hyderabad	17/3/2013	CSI
3	Workshop	Design and Analysis of Algorithms	Dr. Khaleel Ur Rahaman Khan, Professor & Dean, ACE College.	13/3/2013 16/3/2013	ISTE
4	Workshop	Clustering Techniques in Data Mining	Dr. C. Venugopala chary, Professor, CBIT, Hyderabad.	14/3/2013	CSI
5	Technical Talk	Artificial Intelligence	Dr. Surya kanth Ganga Shetty, IIIT, Hyderabad.	14/3/2013	IEEE
6	Special lecture	Compiler Design	Dr.SashiKiran, Professor, Anurag Group of Institutions , Hyderabad	03/03/2013	ISTE
7	Workshop	Aakash Android Application Programming	Conducted by IIT Bombay	23/02/2013 24/02/2013	CSI
8	Special lecture	Web Designing	Mr.M.Ravi Kumar, Rainbow Finishing School, Hyderabad.	15/02/2013 16/02/2013	CSI
9	Workshop	Bridging gap between Industry &Academy and Workshop on Cloud computing	Mr. Madan Kumar Srinivasan, R&D, Infosys, Mysore	2/2/2013	ACM
10	Workshop	Aakash for education	Conducted by IIT Bombay	10-11 Nov. 2012	ISTE
11	Workshop	Aakash for education	Conducted by IIT Bombay	25-26 Oct, 29 -30 Oct. 2012	ISTE
12	Workshop	Research Methodologies	Conducted by IIT Bombay	25/6/2012 to 4/7/2012	ISTE

33. List the teaching methods adopted by the faculty for different programmes.

- a) Lecture with Demonstration and Quiz
- b) Use of latest tools and flip class room models
- c) Context setting, Brainstorming and facilitations
- d) Project-based learning
- e) Activity-based learning

- f) Group assignments
- g) Active Learning (Think/Pair/Share)
- h) Case Study-based learning
- i) Hands-on

Faculty are also getting the support from NPTEL (National Program on Technology Enhanced Learning) lecture notes & other Massive Open Online Course (MOOCs) videos in the preparation of their lectures with the inclusion of the latest developments in the field of engineering and technology.

34. How does the department ensure that Programme Objectives are constantly met and Learning Outcomes monitored?

The following process is followed to achieve the Program Objectives:

Internal assessment:

- Assignments
- Mid Examinations
- Quiz examinations
- Daily assessment of laboratory performance
- Internal & External laboratory exams
- End-semester theory examinations
- Any other method of assessment (as specified by the teacher at the beginning of the semester)

External Assessment:

- Feedback is collected from the employers through placement cell
- Feedback from the alumni
- Through Advisory Boards constituted at institutional level
- Through publications/presentations in conferences
- Through interaction with parents

35. Highlight the participation of students and faculty in extension activities.

Internship Projects:

S.No.	Name	Duration	Industry / Company	Project Title
1	K.Saikiran	19/05/16 to 22/07/16	Osmosys software solutions Pvt. Ltd.	Microsoft – caption BOT
2	C.Pranav	19/05/16 to 22/07/16	Osmosys software solutions Pvt. Ltd.	Microsoft – caption BOT
3	P.Sameer	10/05/16 to 20/06/16	ScientLtd., Hyderabad	Image transformations
4	Ch.SenhaMahuri	27/05/16 to 27/07/16	National small industries corporation	Key aggregate searchable

			at ECIL, Hyderabad	encryption
5	I.Swetha	28/12/15 to 31/03/16	Defense Research Development Laboratory (DRDL)	KUATERNION Library
6	H.Ramya	22/12/15 to 31/03/16	National informatics center (NIC), Hyderabad	E-Governance

Industrial Visits:

S.No	Extension Activity	Date	No. of participants	Outcomes
1	Industrial visit to SAMSUNG Engineering and KPMG cutting through complexity™ Noida, New Delhi	12 th – 13 th January, 2013	36students, 2 faculty members attended.	Visit bring a positive change in their thinking and practical behavior.
2	Industrial visit to Software Technology Parks Of India (STPI), Noida, New Delhi	23 rd June, 2012	40 students, 2 faculty members attended this event	Learned about latest technical trends and industry expectations from a fresh engineering graduate.
3	Industrial visit to INFOSYS, Hyderabad	8 th February, 2012	50 students, 2 faculty members attended this	Seminar talk, technical talk, quiz, mind game

Student's participation in Extension Activities:

- NSS activities are partially financed by the affiliating university. The institution has provided a separate office and other facilities that are required to run this program.
- This unit organizes Medical Camps, Social Awareness Programs, Awareness of Nutrition Issues among the Villagers, Environmental Protection, and Education Awareness Programs among Rural Population.
- NSS teams participated and organized camps in the flood affected areas of Warangal, Mahaboobnagar and Kurnool districts and distributed food material to three hundred families. In addition, protected water sachets bread and biscuits were distributed over a period of one week.

36. Give details of "beyond syllabus scholarly activities" of the department.

Beyond the regular academics and curriculum, the department offers various scholarly activities which include, Research Paper publication, Seminars, External Certifications, Coding contests, etc.

Event Name	2015-16	2014-15	2013-14	2012-13
Free Open Source Software Certification by IIT Bombay (FOSS)	77	NA	41	NA

Infosys Campus Connect	60	37	NA	NA
Microsoft Technology Associate Exam	28	0	8	0
Windows 7 APP Development Training	0	0	0	0
Windows 8 APP Development Training	0	0	0	11
Windows Phone APP Development	0	16	0	0

37. State whether the programme/ department is accredited/graded by other agencies. Give details.

1. Accredited by NBA under Tier-I for a period of three years (2015-2018). Anurag Group of Institutions is the first private autonomous engineering college accredited in Andhra Pradesh and Telangana state.
2. Grant of autonomy by Jawaharlal Nehru Technological University Hyderabad(JNTUH).
3. Grant of autonomy by University Grants Commission (UGC)for a period of six years (2012-2018).
4. Accredited by Tata Consultancy Services (TCS).

38. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department

Strengths:

1. The department of Information Technology has been accredited by National Board of Accreditation (NBA) under Tier-1 category.
2. Highly qualified and committed faculty members with good academic and research experience.
3. Good infrastructure and facilities available for overall development of the department.
4. Implementing the best processes to achieve Outcome Based Education.
5. Department has been maintaining excellent placement record and is strongly aligned with industry.
6. Flexible Curriculum with CBCS
7. Department has been achieving 100% pass among female students since 2012.

Weaknesses (Areas of improvement):

1. External Collaborations
2. Funding and Consultancy Projects from Govt. / Apex Bodies / Industry.

Opportunities:

1. Attract high talent pool
2. Effective utilization of resources
3. Participation of alumni for rapid development
4. Effectively utilize open source software tools for blended learning
5. To have more exchange programs with other universities / industries.

Challenges:

1. To make one of the best center of excellence at national level
2. Patents have to be obtained
3. International Conferences / Workshops have to be organized
4. Projects from UGC/DST have to be acquired

39. Future plans of the department.

The future plans of the Dept. of Information Technology are to:

- Evolve it as a Center for Excellence in cutting-edge technologies
- Establish a Research & Development centre to promote applied research
- Enter into Memorandum of Understanding (MoU) with various government agencies or industries or premier academic institutions and apex bodies
- Promote excellence in teaching and learning, the department aims at setting up faculty recharge center.

Evaluative Report of the Mechanical Engineering (MECH) Department

1. Name of the Department & its Year of Establishment:

Name of the Department: **Mechanical Engineering**
Year of Establishment : **2004**

2. Names of Programmes / Courses offered (UG, PG, M. Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)

S.No	Name of the Programmes Offered	Remarks (UG, P.G, Ph.D)
1.	B.Tech - Mechanical Engineering	UG
2.	M.Tech - Machine Design	PG

3. Interdisciplinary Courses and Departments Involved

S.No	Name of the Course	Name of the Departments Offering the Course
Theory courses		
1.	English – I English – II Personality Development of Soft skills	H&S (English)
2.	Mathematics - I Mathematics – II Mathematics – III Probability and Statistics	H&S (Mathematics)
3.	Engineering Physics – I Engineering Physics – II	H&S (Physics)
4.	Applied Chemistry – I Applied Chemistry – II	H&S (Chemistry)
5.	Environmental Studies	H&S (Chemistry) & Chemical Engineering
6.	Computer Programming - I Computer Programming - II	Computer Science Engineering
7.	Electrical and Electronics Engineering	Electrical & Electronics Engineering and Electronics and Communication Engineering
8.	Campus Recruitment Training	Training & Placement Cell

S.No	Name of the Course	Name of the Departments Offering the Course
Practical courses		
1.	English Language Communication Skills Lab-I English Language Communication Skills Lab-II Advance English Communications Skills Lab	H&S (English)
2.	Engineering Physics and Applied Chemistry Lab-I Engineering Physics and Applied Chemistry Lab-II	H&S (Physics & Chemistry)
3.	Computer Programming Lab - I Computer Programming Lab – II	Computer Science Engineering
4.	IT Workshop	Information Technology
5.	Electrical and Electronics Engineering Lab	Electrical & Electronics Engineering And Electronics and Communication Engineering

M.Tech (Machine Design)		
S.No	Name of the Course	Name of the Departments Offering the Course
Theory course		
1	Computational Methods in Engineering	H&S (Mathematics)

4. Annual/ Semester/Choice Based Credit System

Choice Based Credit System

5. Participation of the Department in the Courses offered by other Departments

S. No	Interdisciplinary Courses Offered	Name of the Departments Involved
1.	Engineering Mechanics – I	Chemical Engineering
2.	Engineering Mechanics – II	
3.	Engineering Graphics – I	Chemical Engineering, Civil Engineering
4.	Engineering Graphics - II	

5.	Engineering Graphics	Electronics and Communication Engineering, Electrical and Electronics Engineering Computer Science Engineering Information Technology
6.	Engineering Workshop – I	Chemical Engineering, Civil Engineering
7.	Engineering Workshop – II	
8.	Engineering Workshop	Electronics and Communication Engineering Electrical and Electronics Engineering Computer Science Engineering Information Technology
9.	Fluid Mechanics and Hydraulic Machinery	Electrical and Electronics Engineering
10.	Fluid Mechanics and Hydraulic Machinery Lab	Electrical and Electronics Engineering
11.	Mechatronics	Electronics and Communication Engineering

6. Number of Teaching Posts Sanctioned and Filled (Professors/Associate Professors/ Asst. Professors)

Teaching Post	Sanctioned	Filled
Professors	02	02
Associate Professors	09	09
Assistant Professors	47	47

7. Faculty Profile with Name, Qualification, Designation, Specialization (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

S. No	Faculty Name	Qualification	Designation	Specialization	Total Experience, Yrs	Ph.D's Guided in Last 4 Years
1	Dr.N.Naga Bhushana Ramesh	Ph.D	Prof	Production Engineering	28	3
2	Dr. R.Venkat Reddy	Ph.D	Prof	Production Engineering, Design	24.5 Years (6.5 Years Industry +18 years in teaching)	-
3	Dr. P. RavikanthRaju	Ph.D	Assoc Prof	Machine Design, Materials, Production Engineering	13	-
4	Mr. K. SrinivasaChalapati	M.Tech	Assoc Prof	Production Engineering, Design, CNC Technologies	18 Years (3 Years Industry +15 years in teaching)	-
5	Mr. Md. Sikindar Baba	M.Tech	Assoc Prof	Energy Systems, Thermal, Heat Transfer	15	-
6	Mr. M. Naga Raju	M.Tech	Assoc Prof	Industrial Engineering and Management, CAD/CAM	45 Years (38 Years Industry +7 years in teaching)	-
7	Mr.T.Prasad	M.Tech	Assoc Prof	Machine Design, Power Plant Engineering, Mechatronics	18	-
8	Ms.P.Chaitanya krishna	M.S	Assoc Prof	Design, Production	6.5	-
9	Mr.RajaNarendr	M.Tech	Assoc Prof	Thermal, Power plant Engineering	17 Years (3 Years Industry +14 years in teaching)	-
10	Mrs.D.Prathiba	M.Tech	Assoc Prof	CAD/CAM, Design, Industrial	10 Years (4 Years Industry +6 years in	-

				Engineering	teaching	
11	Mrs. C. Sravanthi	M.Tech	Asst.Prof	CAD/CAM, Design	10	-
12	Mr. N.V. Siva Sai	M.Tech	Asst Prof	Thermal Engineering, Design	6	-
13	Mr. L. SrinivasNaik	M.Tech	Assoc Prof	CAD/CAM, Design, Production Engineering, Materials	13 Years (1 Year Industry +12 years in teaching	-
14	Mrs. P. Saritha	M.Tech	Asst Prof	CAD/CAM, Design	9 Years (1 Year Industry +8 years in teaching	-
15	Mr. N. Madan Mohan Reddy	M.Tech	Asst Prof	CAD/CAM, Production Engineering	6	-
16	Mr. S.Jhesh Kumar	M.Tech	Asst Prof	Advanced Manufacturing Systems, Design, Production Engineering	6 Years (1 Years Industry +5 years in teaching	-
17	Mrs. A. Pooja	M.Tech	Asst Prof	CAD/CAM, Thermal	3	-
18	Mr.R.Nareshgoud	M.Tech	Asst Prof	CAD/CAM, Production Engineering	5	-
19	Mr. A. Nagalleswara Rao	M.Tech	Asst Prof	Advanced Manufacturing Systems, Industrial Engineering	4.5	-
20	Mr. V.Raju	M.Tech	Asst Prof	Thermal Engineering, Refrigeration Systems	3	-
21	Mr.A.Balu	M.Tech	Asst Prof	CAD/CAM, Design	3	-
22	Ms.A.Neeraja	M.Tech	Asst Prof	Advanced Manufacturing Systems, Design	12.5 Years (4 Years Industry + 8.5 years in teaching	-
23	Mr.R.Srinu	M.Tech	Asst Prof	Thermal Engineering, Refrigeration	4	-
24	Mrs.D.Swetha	M.Tech	Asst Prof	Machine Design, Power plant	3	-

				Engineering		
25	Mr.H.Ameresh	M.Tech	Asst Prof	CAD/CAM, Design	6.5 Years (3 Years Industry +3.5 years in teaching)	-
26	Mrs.K.Gouthami	M.Tech	Asst Prof	CAD/CAM	3	-
27	Mr.P.ChinnaSrinivas	M.Tech	Asst Prof	CAD/CAM, Industrial Engineering and Management, Design	3.5	-
28	Mr. Harish Mugutkar	M.Tech	Asst Prof	CAD/CAM, Design	4.5	-
29	Mr. M. Rajkumar Reddy	M.Tech	Asst Prof	Design for Manufacturing , Production Engineering	4 Years (1 Year Industry + 3 years in teaching)	-
30	Mr. G. Satheesh Kumar	M.Tech	Asst Prof	Thermal Engineering	1	-
31	Mrs. L. Mayuri	M.Tech	Asst Prof	CAD/CAM	2	-
32	Mr.S.Upender	M.Tech	Asst Prof	Machine Design	3 Years (1 Year Industry + 2years in teaching)	-
33	Mr. M. Srinivas	M.Tech	Asst Prof	CAD/CAM, Design	6 Years (3 Years Industry + 3 years in teaching)	-
34	Mr.V.Srikanth	M.Tech	Asst Prof	Thermal Engineering	3.5	-
35	Ms.P.Priyanka	M.Tech	Asst Prof	Thermal Engineering	3	-
36	Mr.V. Aditya	M.Tech	Asst Prof	CAD/CAM	1	-
37	Ms. B.Madhuri	M.Tech	Asst Prof	CAD/CAM	1	-
38	Mr. G. Krishna Teja	M.E	Asst Prof	Automation & Robotics	5 Years (1Year Industry + 4 years in teaching)	-
39	Mr. V. Shiva Kumar	M.Tech	Asst Prof	Thermal Engineering	3.5	-
40	Mr.M.MaheshBabu	M.Tech	Asst Prof	Thermal Engineering	5.5	-
41	Mr.T.ChandraShekar	M.Tech	Asst Prof	Mechatronics	-	-
42	Mr.O.Rajecder	M.Tech	Asst Prof	Machine design	-	-
43	Mr.P.Shiva Kumar	M.Tech	Asst Prof	Machine design	3	-

44	Ms.A.Ashwini	M.Tech	Asst Prof	CAD/CAM	7	-
45	Mr.Sasi Kiran	M.Tech	Asst Prof	MANUFACTURING ENGG.& TECHNOLOGY	1	-
46	Mrs.Kalyani	M.Tech	Asst Prof	CAD/CAM	3	-
47	Mr.B.Praveen	M.Tech	Asst Prof	THERMAL ENGINEERING	-	-
48	Mr.K Krishna	M.Tech	Asst Prof	THERMAL ENGINEERING	-	-
49	Ms.N C Swpana Sri	M.Tech	Asst Prof	CADCAM	-	-
50	Ms.M. Ujwala	M.Tech	Asst Prof	CADCAM	-	-
51	Ms.A Rajasri	M.Tech	Asst Prof	CADCAM	-	-
52	Mr.P.Rakesh	M.Tech	Asst Prof	MACHINE DESIGN	-	-
53	Mr.Y Akshay Kumar	M.Tech	Asst Prof	MACHINE DESIGN	-	-
54	Mr.K.Mahender	M.E	Asst Prof	AUTOMATION & ROBOTICS	2.5 Years (1Year Industry + 1.5 years in teaching)	-
55	Mr.Mahesh.B	M.Tech	Asst Prof	MACHINE DESIGN	-	-
56	Mr. B.Shivaramakrishna	M.Tech	Asst Prof	MACHINE DESIGN	-	-
57	Mr.A.Swamy	M.Tech	Asst Prof	CADCAM	-	-
58	Mr.Ch.Rajesh	M.Tech	Asst Prof	CADCAM	-	-

8. Percentage of Classes taken by Temporary Faculty – Programme -wise Information - NIL
9. Programme-wise Student Teacher Ratio

S.No	Programme	Student Staff Ratio
1.	UG – B. Tech Mechanical Engineering	15:1
2.	PG - M.Tech CAD/CAM	12:1
3.	PG – M.Tech Machien Design	12:1

10. Number of Academic Support Staff (Technical) and Administrative Staff:

S.No	Staff Category	Sanctioned	Filled
1.	Administrative Staff	2	2
2.	Academic Support Staff (Technical)	11	11

11. Number of Faculty with Ongoing Projects from a) National b) International Funding Agencies and c) Total Grants Received. Mention Names of Funding Agencies and Grants Received Project-wise.

S.No	Title of the Project	Name of the Faculty involved	Funding Agency	Sanctioned Amount (Rs.)	Duration
1	Heat Transfer Enhancement flow features, pressure drop characteristics of nano fluids	Mr. Md. Sikindar Baba	UGC	3.05 Lakhs	2 Years

12. Departmental Projects Funded by DST-FIST; DBT, ICSSR, Etc.; Total Grants Received

NIL

13. Research Facility / Centre with

1. The department has well equipped separate R&D laboratory called “Centre for Advanced Mechanical Engineering Research”(CAMER) with facilities like CNC Milling and CNC Turning Machines, advanced software like ProE Creo, Ansys, Fluent and CFD software and experimental setup for automobile engines are available.
2. Presently, fifteen faculty of the department, who are pursuing their Ph.D degree under different universities like JNTUH, BITS – Pilani, ANU, KLU, GITAM, Vignan University, are utilizing the facilities in the CAMER to do their research.
3. We have applied for the research centre under JNTUH and the application is under process.

14. Publications
Publication Details of the faculty.

S.No	Year	Papers published by the faculty in International / National journals	Papers published by the faculty in International / National conferences
1	2012-13	4	1
2	2013-14	4	6
3	2014-15	4	3
4	2015-16	7	4
5	2016 -17Till date	4	1

- | | | |
|---|--------------------------------|-----------------|
| 1 | Citation Index- Range/ average | Range: 0-14 |
| 2 | Impact Factor- Range/ average | Range:0.24-3.32 |
| | | Average: 1.2 |
| 3 | h- index | 0-6 |

Conference publications				
S.No	Author	Title of the Paper	Name of the conference	Date of the conference
1	Prof.Ch.Bhavnyana Murthy	Analysis of exhaust gas flow in a three way catalytic converter of a diesel automobile using CFD techniques	4 th National conference on Advances in Mechanical Engineering(AIM-2013) under TEQIP-II organized by Vasavi College of Engineering	7 th -8 th November2013
2	Mr.Md.Sikander Baba	Numerical investigations of temperature distribution and heat transfer of a finned tube heat exchanger	in XXII Congress and National Conference on recent trends in applications of mathematics conducted by Sponsored by CSIR	13 th – 15 st December 2013
3	Prof.Ch.Bhavnyana Murthy	Analysis of flue gas flow through inlet duct to electrostatic precipitator using CFD	4 th National conference on Advances in Mechanical Engineering(AIM-2013) under TEQIP-II organized by Vasavi College of Engineering	7 th -8 th November2013
4	Mr. N. Madan Mohan Reddy	Design, Fabrication and testing of low cost vertical axis wind turbine for power generation	4 th National conference on Advances in Mechanical Engineering(AIM-2013) under TEQIP-II organized by Vasavi College of Engineering	7 th -8 th November2013
5	Prof.Ch.Bhavnyana Murthy	Developing heating element profiles for lungstorm air preheater using CFD	4 th National conference on Advances in Mechanical Engineering(AIM-2013) under TEQIP-II organized by	7 th -8 th November2013

			Vasavi College of Engineering	
6	Prof.Ch.Bhavnarayana Murthy	Super critical steam turbine blade design using Bezier curves	International conference on Advances in Mechanical Sciences (ICAMS-2014) organized by Vardhaman College of Engineering	9 th -11 th January 2014

Details of the faculty publications for the academic year 2012-13

Conference publication				
S.No	Author	Title of the Paper	Name of the conference	Date of the conference
1	Ms. P. Saritha	Three dimensional finite element analysis of contact stresses at the work piece tool interface in burnishing	National conference on advances in mechanical engineering conducted by Vasavi college of engineering	11 th – 12 th October 2012

Journal publications				
S.No	Author's	Title of the Paper	Name of the International /National Journal	Volume no; issue no; pages; year of publication; ISSN number
1	Mr.K. Srinivasa Chalapati Mr. L. Srinivas Naik	Design & Finite Analysis of Canister Testing Chamber	International Journal of Engineering Research & Technology	1; 7;1-7, September 2012 2278-0181
2	Mr.R. Mohan	Multi Disiplinary delamination studies in FRP composite using 3D finite elemnt analysis	International Journal of Engineering Research & Technology	2; 5; 34-42; January 2013 ; 2278-0181
3	Mr.P. Kishore Kumar	Prediction Of Thrust Force And Torque In Drilling On Aluminum 6061-T6 Alloy	International Journal of Engineering Research & Technology	2; 3; 1-6; March 2013; 2278-0181
4	Mr.K. Srinivasa Chalapati Mr. L. Srinivas Naik	Contact Gap Analysis of Canister Testing Chamber by Using Finite Element Analysis	International Journal of Mechanical Engineering & Robotics Research	5; 5; 335-340; April 2013 ; 2278 – 0149

Details of the faculty publications for the academic year 2013-14

Journal publications				
S.No	Author's	Title of the Paper	Name of the Journal	Volume no; issue no; pages; year of publication; ISSN number
1	Mr.Md.Sikander Baba, Mr.S.Naga Kishore, Mr.T.V. Rao	The Result of Hot Exhaust Gas Recirculation on the Performance and Emission Characteristics of Diesel Engine with Palm Oil Methyl ester	International journal of Mechanical and Production Engineering Research and Development	4; 1; 47-53; Feb 2014; 2249-8001
2	Mr.N. Madan Mohan Reddy, Mr.K.Srinivasa Chalapathi, Mr.L.Srinivas Naik	Predicting the Blast Pressure on Explosive Forming Process by Experimentation and Finite Element Analysis	International journal for research in applied science and engineering technology	2; 5; 25-29 January 2014 2321-9653
3	Mr.N. Madan Mohan Reddy & Mrs. A.Pooja	Experimental analysis of an explosive test chamber subjected to internal blast loading	International journal for research in applied science and engineering technology	1; 5; 53-57; December 2013 2321-9653
4	Prof.Ch.Bhavnaryana Murthy	Super critical steam turbine blade design using Bezier curves	International journal of current engineering and technology	5; 2; 605-609; February 2014; 2277-4106

Details of the faculty publications for the academic year 2014-15

Conference publications				
S.No	Author	Title of the Paper	Name of the conference	Date of the conference
1	Mrs.D.Pratibha and Mrs.A.Pooja	Women in engineering, Then, Now & Future	3 rd International Conference on Transformations in Engineering Educations	Jan 8 th to 12, 2016
2	Mr.Md.Sikander Baba	The Effect of JIGSAW Method in Learning of Heat Transfer Course for Undergraduate Students	3 rd International Conference on Transformations in Engineering Educations	Jan 8 th to 12, 2016
3	Mr. T. Prasad	Tensile And Fracture Behavior of 6061 Al – Si Cp Metal Matrix Composites	International Conference on Advanced Materials & Manufacturing Technologies	18 – 20 December 2014
Journal publications				
S.No	Author's	Title of the Paper	Name of the Journal	Volume no; issue no; pages; year of publication; ISSN number
1	Prof.Ch. Bhavanaryana Murthy & Mr.K. Srinivasa Chalapati	Development of Automobile Catalytic converter during the last four decades- A Review	International journal for research in applied science and engineering technology	2; 11; 321-333; November 2014 2321-9653
2	Mr.K. Srinivasa Chalapati & Mr. L. Srinivas Naik & R.Srinu	Effect of specific heat parameters on performance on SI Engine	International journal for research in applied science and engineering technology	2; 5; 354-358 ; November 2014 2321-9653
3	Mr.Md.Sikander Baba	Thermal analysis on a finned tube heat exchanger of a Two stage compressor	International journal for research in applied science and engineering technology	2; 5; 507-513; December 2014 2321-9653
4	Mr. Jushkumar Siddani	Tensile & Fracture Behavior of Al – Si Cp Metal Matrix Composites	International Journal of Innovations in Engineering and Technology	5; 2; 173-180; April 2015; 2319 – 1058

Details of the faculty publications for the academic year 2015 -16

Conference publications				
S.No	Author	Title of the Paper	Name of the conference	Date of the conference
1	Mr.P.Chinna Srinivas	Computational Study on Stress & Deflections of Glass Epoxy Composites	National Conference on Recent Advances in Manufacturing and Robotics	22 nd -23 rd April 2016.
2	Mrs.D.Swetha, Mr.P.Chinna Srinivas, Mr. T.Prasad & Mr.M.Harish	Mechanical Behavior of 6061 Al-Si Cp Metal Matrix Composites.	International Conference on Technological Innovations in Mechanical engineering	10 th & 11 th Feb 2016
3	Mr.Md.Sikander Baba	optimaization of overall heat transfer coefficient of heat exchanger using CFD	National Conference in Mechanical Engineering	5 th & 6 th Feb 2016
4	Mrs.D.Pratibha	Women in Engineering world	National Conference	9 th & 12 th Jan 2016

Journal publications				
S.No	Author's	Title of the Paper	Name of the Journal	Volume no; issue no; pages; year of publication; ISSN number
1	Mrs.D.Pratibha, Mrs.A.Pooja	Application Of Dual Response and Tolerance Analysis Approaches For Robust Design Of Spot Welding Process	Journal of Mechanical Engineering and Technology	7; 1; 5-10; Jan-Feb 2016; 0976 – 6340
2	Mr.K.Srinivasa Chalapathi, Mr.Y.Rajasekhar Reddy, Mr.S.Jush kumar	Design optimization of Diesel particulate filter using CFD	International Journal of Engineering Research and Application	5; 12; 25-38, December 2015; 2248 – 9622
3	Mr.K.Srinivasa Chalapathi and Mr.L.Srinivas Naik Mr. R.Srinu	Experimental Investigation of Temperature Variation On The Exhaust Gases of Cylinder Head Under EURO 4 Norms by Analytical and FEA	International Journal of Engineering and Innovative Technology	5; 5, 689-696; November 2015; 2277 – 3754
4	Mr.M.Harish and Mrs.D.Swetha	Static and Model analysis of Engine cover for Different Materials	International Journal of Scientific and Research	5; 9; 36-44; September 2015; 2250 – 3153

			Publications	
5	Mr. T. Prasad	Effects of Adhesive Characteristics between matrix and Reinforced Nanoparticle of AA6063/Carbon Black Nano composites	International Journal of Science and Research	4; 7; 1777-1781; July 2015; 2319 – 7064
6	Mr. Jushkumar Siddani & Mr.L. Srinivas Naik	Die Design and Analysis of Fly Wheel Cup using FEM	International Journal of latest Trends in Engineering and Technology	5; 4; 275-281; July 2015; 2278 – 621X
7	Mr. T. Prasad	Effects of Adhesive Characteristics between Matrix and Reinforced Nanoparticle of AA6061/Carbon Black Nano composites	International Journal of Scientific & Engineering Research	6; 6; 1-6; June 2015; 2229 – 5518

Details of the faculty publications for the academic year 2016-17 (Till date)

Conference publications				
S.No	Author	Title of the Paper	Name of the conference	Date of the conference
1	Mr. Md Sikindar Baba	Experimental Studies of Forced Convective Heat Transfer on Conjoin Eccentric-Concentric Tube in Tube Heat Exchanger with Fe304-DI Water Nano Fluid	1 st International Conference on Emerging Trends in Mechanical Engineering – 2016	23 rd – 24 th September 2016

Journal publications				
S.No	Author's	Title of the Paper	Name of the Journal	Volume no; issue no; pages; year of publication; ISSN number
1	Mrs.C.Sravanthi & Mrs.D.Pratibha	Analogizing of convention Fusion Welding Processes with solid-state welding Technique	International Journal of Science Technology & Engineering	3, 4, 25- 47, October 2016 2349-784X
2	Mr. T.Prasad Mr. R.Naresh Kumar Goud Mr. P.Chinna Sreenivas Rao Mr. K.Srinivasa Chalapati.	Computational Study on Stress & Deflections of Glass Epoxy Composites	International Journal of Latest Trends in Engineering and Technology	7, 11, 33-48, September 2016 2319-3778

3	Mr. T.Prasad	Micro-Tensile Behavior of AA7020/Carbon Black Nanoparticle Metal Matrix Composites	International Journal of Engineering and Science	6, 5, 48-54 May 2016 2278-4721
4	Mr. L.Srinivas Naik Mr.S.jush Kumar Mrs.C.Tejaswani	Tool Design and Analysis of Friction Stir Welding Process by Using FEA	International Journal of Modern Engineering Research	6, 9, 62- 69, September 2016, 2249-6645

15. Details of Patents and Income Generated: NIL

16. Areas of Consultancy and Income Generated: NIL

17. Faculty Recharging Strategies

The AGI and Department of Mechanical Engineering is encouraging the faculty members to participate in various national and international events, so that the faculty will be exposed to the latest technological developments in their respective specializations and to share the acquired knowledge with their peers.

S.No	Types of Recharging Strategies	2012 -13	2013-14	2014-15	2015-16	2016- 17 (Till date)
1.	FDP	13	-	2	8	-
2.	Conferences	1	3	2	-	-
3.	Workshops/seminars	31	28	24	49	20

FDP/Workshops/seminars attended by staff in academic Year 2012-13:

S.No.	Name of the Faculty	Event attended and on	Organized by; venue place	Date
1	Mr. L. Srinivas Naik	One day programme on "Ramanujam Mathematical Awareness Programme"	Dept of Mathematics Anurag Group of Institutions. Hyderabad	02-03-2013
2	Mr. S. Jush Kumar	One day programme on "Ramanujam Mathematical Awareness Programme"	Dept of Mathematics Anurag Group of Institutions. Hyderabad	02-03-2013
3	Mr. K. Srinivasa Chalapathi	One day programme on "Ramanujam Mathematical Awareness Programme"	Dept of Mathematics Anurag Group of Institutions. Hyderabad	02-03-2013

4	Mr. K. Srinivasa Chalapati	“Training on CNC machine tools & Techniques”	Osmania University Hyderabad	12-02-2013
5	Mr. N.Madan Mohan Reddy	“Training on CNC machine tools & Techniques”	Osmania University Hyderabad	12-02-2013
6	Mr. P. Kishore kumar	Coordinators Workshop on “ Engineering Thermo Dynamics”	IIT Bombay	23-11-2012
7	Mr. P. Kishore kumar	Training on “NBA New Format”	Osmania University Hyderabad	13-07-2012
8	Mr. A. Balu	FDP on “Engineering Drawing”	Vidya Jyothi Institute of Technology	15-09-2012
9	Mr. V. Raju	FDP on “Engineering Drawing”	Vidya Jyothi Institute of Technology Hyderabad	15-09-2012
10	Mr. K. Srinivasa Chalapati	“IRM” Workshop	Anurag Group of Institutions, conducted by IIT BOMBAY. Hyderabad	25-06-2012 to 04-07-2012
11	Mr. Md. Sikander Baba	“IRM” Workshop	Anurag Group of Institutions, conducted by IIT BOMBAY. Hyderabad	25-06-2012 to 04-07-2012
12	Mrs. P. Sarita	“IRM” Workshop	Anurag Group of Institutions, conducted by IIT BOMBAY. Hyderabad	25-06-2012 to 04-07-2012
13	Mr. R. Mohan	“IRM” Workshop	Anurag Group of Institutions, conducted by IIT BOMBAY. Hyderabad	25-06-2012 to 04-07-2012
14	Mr. P. Kishore Kumar	“IRM” Workshop	Anurag Group of Institutions, conducted by IIT BOMBAY. Hyderabad	25-06-2012 to 04-07-2012
15	Mrs. N. Bheemeswari	“IRM” Workshop	Anurag Group of Institutions, conducted by IIT BOMBAY. Hyderabad	25-06-2012 to 04-07-2012
16	Mr. N.Madan Mohan Reddy	“IRM” Workshop	Anurag Group of Institutions, conducted by IIT BOMBAY. Hyderabad	25-06-2012 to 04-07-2012
17	Mrs. Mousumi Roy	“IRM” Workshop	Anurag Group of Institutions, conducted by IIT BOMBAY. Hyderabad	25-06-2012 to 04-07-2012

18	Mrs. A. Pooja	"IRM" Workshop	Anurag Group of Institutions, conducted by IIT BOMBAY. Hyderabad	25-06-2012 to 04-07-2012
19	Mr. K. Srinivasa Chalapati	"Aakash Tablet PC Project"	Anurag Group of Institutions, conducted by IIT BOMBAY. Hyderabad	10-11-12 to 11-11-2012
20	Mrs. P. Sarita	"Aakash Tablet PC Project"	Anurag Group of Institutions, conducted by IIT BOMBAY. Hyderabad	10-11-12 to 11-11-2012
21	Mr. P. Kishore Kumar	"Aakash Tablet PC Project"	Anurag Group of Institutions, conducted by IIT BOMBAY. Hyderabad	10-11-12 to 11-11-2012
22	Mr. N.Madan Mohan Reddy	"Aakash Tablet PC Project"	Anurag Group of Institutions, conducted by IIT BOMBAY. Hyderabad	10-11-12 to 11-11-2012
23	Mr. K. Srinivasa Chalapati	International Conference on "Recent Advances in Micro Air Vehicles"	JNTUH Hyderabad	10-12-2012 to 12 – 12 – 2012
24	Mr. L. Srinivas Naik	"Engineering Thermodynamics" Workshop	Anurag Group of Institutions, conducted by IIT BOMBAY. Hyderabad	11-12-2012 to 21-12-2012
25	Mr. R. Mohan	"Engineering Thermodynamics" Workshop	Anurag Group of Institutions, conducted by IIT BOMBAY. Hyderabad	11-12-2012 to 21-12-2012
26	Mr. N. Madan Mohan Reddy	"Engineering Thermodynamics" Workshop	Anurag Group of Institutions, conducted by IIT BOMBAY. Hyderabad	11-12-2012 to 21-12-2012
27	Mr. A. Naga Malleswara Rao	"Engineering Thermodynamics" Workshop	Anurag Group of Institutions, conducted by IIT BOMBAY. Hyderabad	11-12-2012 to 21-12-2012
28	Mr. V.Raju	"Engineering Thermodynamics" Workshop	Anurag Group of Institutions, conducted by IIT BOMBAY. Hyderabad	11-12-2012 to 21-12-2012
29	Mr.A.Balu	"Engineering Thermodynamics" Workshop	Anurag Group of Institutions, conducted by IIT BOMBAY. Hyderabad	11-12-2012 to 21-12-2012

30	Mrs. P. Sarita	“Engineering Thermodynamics” Workshop	Anurag Group of Institutions, conducted by IIT BOMBAY. Hyderabad	11-12-2012 to 21-12-2012
31	Mrs. N. Bheemeswari	“Engineering Thermodynamics” Workshop	Anurag Group of Institutions, conducted by IIT BOMBAY. Hyderabad	11-12-2012 to 21-12-2012
32	Mr. S.Jush Kumar	“Engineering Thermodynamics” Workshop	Anurag Group of Institutions, conducted by IIT BOMBAY. Hyderabad	11-12-2012 to 21-12-2012
33	Mrs. Mousumi Roy	“Engineering Thermodynamics” Workshop	Anurag Group of Institutions, conducted by IIT BOMBAY. Hyderabad	11-12-2012 to 21-12-2012
34	Mrs. A. Pooja	“Engineering Thermodynamics” Workshop	Anurag Group of Institutions, conducted by IIT BOMBAY. Hyderabad	11-12-2012 to 21-12-2012
35	Mr. L. Srinivas Naik	FDP Workshop on “Engg Drawing”	APSCHE – JNTUH Sponsored , Dept. of Mech. Engg. AGI Hyderabad	16-07-2012 to 21-07-2012
36	Mrs. A. Pooja	FDP Workshop on “Engg Drawing”	APSCHE – JNTUH Sponsored , Dept. of Mech. Engg. AGI Hyderabad	16-07-2012 to 21-07-2012
37	Mr. R. Mohan	FDP Workshop on “Engg Drawing”	APSCHE – JNTUH Sponsored, Dept. of Mech. Engg. AGI Hyderabad	16-07-2012 to 21-07-2012
38	Mr. N. Madan Mohan Reddy	FDP Workshop on “Engg Drawing”	APSCHE – JNTUH Sponsored, Dept. of Mech. Engg. AGI Hyderabad	16-07-2012 to 21-07-2012
39	Mr. A. Naga Malleswara Rao	FDP Workshop on “Engg Drawing”	APSCHE – JNTUH Sponsored, Dept. of Mech. Engg. AGI Hyderabad	16-07-2012 to 21-07-2012
40	Mr. V.Raju	FDP Workshop on “Engg Drawing”	APSCHE – JNTUH Sponsored, Dept. of Mech. Engg. AGI Hyderabad	16-07-2012 to 21-07-2012
41	Mr.A.Balu	FDP Workshop on “Engg Drawing”	APSCHE – JNTUH Sponsored, Dept. of Mech. Engg. AGI Hyderabad	16-07-2012 to 21-07-2012

42	Mrs. P. Sarita	FDP Workshop on "Engg Drawing"	APSCHE – JNTUH Sponsored, Dept. of Mech. Engg. AGI Hyderabad	16-07-2012 to 21-07-2012
43	Mrs. N. Bheemeswari	FDP Workshop on "Engg Drawing"	APSCHE – JNTUH Sponsored, Dept. of Mech. Engg. AGI Hyderabad	16-07-2012 to 21-07-2012
44	Mr. S.Jush Kumar	FDP Workshop on "Engg Drawing"	APSCHE – JNTUH Sponsored, Dept. of Mech. Engg. AGI Hyderabad	16-07-2012 to 21-07-2012
45	Mrs. Mousumi Roy	FDP Workshop on "Engg Drawing"	APSCHE – JNTUH Sponsored, Dept. of Mech. Engg. AGI Hyderabad	16-07-2012 to 21-07-2012

FDP/Workshops/seminars attended by staff in academic Year 2013-14

S.No.	Name of the Faculty	Event attended and on	Organized by; venue place	Date
1	Mr. P. Chinna Srinivas Rao	"Advanced Welding Techniques"	Gurunanak Institute of Technology , Ibrahim Patnam, Hyderabad	11 th -12 th September 2014
2	Mr. P. Chinna Srinivas Rao	E-Learning Solution and Two way "HD Delivery mechanism for Teachers and Students"	Globarina Technologies Pvt Ltd Hyderabad	26 th July 2014
3	Mr. K. Srinivasa Chalapati	"India Innovation Growth" Programme	DST – Lockheed Martin Corp, USA & FICCI , Hyderabad	29 th Jan 2014
4	Mr. Md. Sikander Baba	"India Innovation Growth" Programme	DST – Lockheed Martin Corp, USA & FICCI, Hyderabad	29 th Jan 2014
5	Mr. Md. Sikander Baba	International Conference on " Transformations of Engineering Education"	BVB College of Engineering & Technology Hubli	16 th Jan to 18 th Jan 2014
6	Mr. Md. Sikander Baba	Management Capacity Enhancement Program	IIM Indore	24 th Nov to 30 Nov 2013

7	Mr. K. Srinivasa Chalapati	Seminar on Legal Awareness Programme	Anurag Group of Institutions, Hyderabad	06-01-2014
8	Mr. Md. Sikander Baba	XXII Congress & National Conference on "Recent trends in Applications of Mathematics"	Anurag Group of Institutions, Hyderabad	13-12-2013 to 15-12-2013
9	Mrs. P. Sarita	Two Week " Fluid Mechanics workshop"	Organized by IIT- K & MHRD, Conducted at AGI - Hyderabad	20 th - 30 th May 2014
10	Mr. A. Balu	Two Week " Fluid Mechanics workshop"	Organized by IIT- K & MHRD, Conducted at AGI - Hyderabad	20 th - 30 th May 2014
11	Mr. V. Raju	Two Week " Fluid Mechanics workshop"	Organized by IIT- K & MHRD, Conducted at AGI - Hyderabad	20 th - 30 th May 2014
12	Mr. K. Srinivas Chalapati	Two Week " Fluid Mechanics workshop"	Organized by IIT- K & MHRD, Conducted at AGI - Hyderabad	20 th - 30 th May 2014
13	Mr. P. Kishore Kumar	Two Week " Fluid Mechanics workshop"	Organized by IIT- K & MHRD, Conducted at AGI - Hyderabad	20 th - 30 th May 2014
14	Mrs. N.Bheemeswari	Two Week " Fluid Mechanics workshop"	Organized by IIT- K & MHRD, Conducted at AGI - Hyderabad	20 th - 30 th May 2014
15	Mr. R. Naresh Kumar	Two Week " Fluid Mechanics workshop"	Organized by IIT- K & MHRD, Conducted at AGI - Hyderabad	20 th - 30 th May 2014
16	Mr. R.Srinu	Two Week " Fluid Mechanics workshop"	Organized by IIT- K & MHRD, Conducted at AGI - Hyderabad	20 th - 30 th May 2014
17	Mr. A.Naga Malleswar rao	Two Week " Fluid Mechanics workshop"	Organized by IIT- K & MHRD, Conducted at AGI - Hyderabad	20 th - 30 th May 2014
18	Mrs.P.Chaitanya Krishna	Two Week " Fluid Mechanics workshop"	Organized by IIT- K & MHRD, Conducted at AGI - Hyderabad	20 th - 30 th May 2014

19	Ms. C.Tejaswini	Two Week “ Fluid Mechanics workshop”	Organized by IIT- K & MHRD, Conducted at AGI - Hyderabad	20 th - 30 th May 2014
20	Mr. M.Devendar	Two Week “ Fluid Mechanics workshop”	Organized by IIT- K & MHRD, Conducted at AGI - Hyderabad	20 th - 30 th May 2014
21	Mr. R. Mohan	Two Week “ Fluid Mechanics workshop”	Organized by IIT- K & MHRD, Conducted at AGI - Hyderabad	20 th - 30 th May 2014
22	Mrs.A.Neeraja	Two Week “ Fluid Mechanics workshop”	Organized by IIT- K & MHRD, Conducted at AGI - Hyderabad	20 th - 30 th May 2014
23	Mrs.A.Gouthami	Two Week “ Fluid Mechanics workshop”	Organized by IIT- K & MHRD, Conducted at AGI - Hyderabad	20 th - 30 th May 2014
24	Mr. S.Bhanu Murthy	Two Week “ Fluid Mechanics workshop”	Organized by IIT- K & MHRD, Conducted at AGI - Hyderabad	20 th - 30 th May 2014
25	Mr. H.Ameresh	Two Week “ Fluid Mechanics workshop”	Organized by IIT- K & MHRD, Conducted at AGI - Hyderabad	20 th - 30 th May 2014
26	Mrs. A.Pooja	Two Week “ Fluid Mechanics workshop”	Organized by IIT- K & MHRD, Conducted at AGI - Hyderabad	20 th - 30 th May 2014
27	Mr. N.Madan Mohan Reddy	Two Week “ Fluid Mechanics workshop”	Organized by IIT- K & MHRD, Conducted at AGI - Hyderabad	20 th - 30 th May 2014
28	Mr. L.Srinivas Naik	Two Week “ Fluid Mechanics workshop”	Organized by IIT- K & MHRD, Conducted at AGI - Hyderabad	20 th - 30 th May 2014

29	Mr. S.Jush Kumar	Two Week “ Fluid Mechanics workshop”	Organized by IIT- K & MHRD, Conducted at AGI - Hyderabad	20 th - 30 th May 2014
30	Mr. Md. Sikander Baba	National conference and workshop on “Rrenewable energy sources”	Anurag college of Engineering, Aushapur, Hyderabad	22 nd and 23 rd March 2014
31	Mr. K. Srinivasa Chalapati	National workshop on “Active learning and project based learning methods in engineering”	Vidya Jyothi Institute of Technology collaboration with IUCEE, Hyderabad	14 th and 15 th July 2014

FDP/Workshops/seminars attended by staff in academic Year 2014-15:

S.No.	Name of the Faculty	Event attended and on	Organized by; venue place	Date
1	Mr N.Madan Mohan Reddy	A One Day National Workshop on “ NAAC accreditation and assesment in higher education institutions ”	Sponsered by TEQIP-II, Anurag Engineering College, Kodad	11 th March 2015
2	Mr L.Srinivas Naik	A One Day National Workshop on “ NAAC accreditation and assesment in higher education institutions ”	Sponsered by TEQIP-II, Anurag Engineering College, Kodad	11 th March 2015
3	Mr T.Prasad	“Vibration Analysis and Condition Monitoring of Machines”(VACMM-2015)	Dept of Mechanical Engineering(CBIT), Hyderabad	9 th -10 th January 2015
4	Mr. P. Kishore kumar	“Transformations in Engineering Education”	IUCEE-Bangalore BMS College of Engineering, Banglore	6 th – 8 th January 2015
5	Mr. K. Srinivasa Chalapati	2 days “Faculty Training Program”	Organized by CII at USHA industries Ltd Balanagar, Hyderabad	8 th -9 th January 2015
6	Mr. H. Ameresh	2 days”Faculty Training Program”	Organized by CII at USHA industries Ltd Balanagar, Hyderabad	8 th -9 th January 2015

7	Mr. P. Chinna Srinivas Rao	Autodesk inventory professional	Vignan Bharathi Inst of Technology with Telangana academy for Skill and Knowledge, Hyderabad	18 th and 19 th December 2014
8	Mr. Ch. Sravan	Autodesk inventory professional	Vignan Bharathi Inst of Technology with Telangana academy for Skill and Knowledge, Hyderabad	18 th and 19 th December 2014
9	Mr. K.Srinivasa Chalapathi	One Week Workshop on "Engineering Mechanics"	Dept of Mechanical Engineering AGI, Hyderabad	30 th June-5 th July 2014
10	Mrs.P.Saritha	One Week Workshop on "Engineering Mechanics"	Dept of Mechanical Engineering AGI, Hyderabad	30 th June-5 th July 2014
11	Mr.L.Srinivas Naik	One Week Workshop on "Engineering Mechanics"	Dept of Mechanical Engineering AGI, Hyderabad	30 th June-5 th July 2014
12	Mr.H.Amaresh	One Week Workshop on "Engineering Mechanics"	Dept of Mechanical Engineering AGI, Hyderabad	30 th June-5 th July 2014
13	Mr.Jush Kumar	One Week Workshop on "Engineering Mechanics"	Dept of Mechanical Engineering AGI, Hyderabad	30 th June-5 th July 2014
14	Mr.N.Madan Mohan Reddy	One Week Workshop on "Engineering Mechanics"	Dept of Mechanical Engineering AGI, Hyderabad	30 th June-5 th July 2014
15	Mr.T.Prasad	One Week Workshop on "Engineering Mechanics"	Dept of Mechanical Engineering AGI, Hyderabad	30 th June-5 th July 2014
16	Mr.P.Kishore Kumar	One Week Workshop on "Engineering Mechanics"	Dept of Mechanical Engineering AGI, Hyderabad	30 th June-5 th July 2014
17	Mr.P.Chinna Srinivas Rao	One Week Workshop on "Engineering Mechanics"	Dept of Mechanical Engineering AGI, Hyderabad	30 th June-5 th July 2014
18	Mr.Ch.Sravan	One Week Workshop on "Engineering Mechanics"	Dept of Mechanical Engineering AGI, Hyderabad	30 th June-5 th July 2014
19	Mr.A.Balu	One Week Workshop on "Engineering Mechanics"	Dept of Mechanical Engineering AGI, Hyderabad	30 th June-5 th July 2014

20	Mr.V.Raju	One Week Workshop on “Engineering Mechanics”	Dept of Mechanical Engineering AGI, Hyderabad	30 th June-5 th July 2014
21	Mrs.Bhemeswari	One Week Workshop on “Engineering Mechanics”	Dept of Mechanical Engineering AGI, Hyderabad	30 th June-5 th July 2014
22	Mr.R.Srinu	One Week Workshop on “Engineering Mechanics”	Dept of Mechanical Engineering AGI, Hyderabad	30 th June-5 th July 2014
23	Mrs.Chaitanya Krishna	One Week Workshop on “Engineering Mechanics”	Dept of Mechanical Engineering AGI, Hyderabad	30 th June-5 th July 2014
24	Ms.C.Tejaswini	One Week Workshop on “Engineering Mechanics”	Dept of Mechanical Engineering AGI, Hyderabad	30 th June-5 th July 2014
25	Mr.M.Devendar	One Week Workshop on “Engineering Mechanics”	Dept of Mechanical Engineering AGI, Hyderabad	30 th June-5 th July 2014
26	Mrs.A.Neeraja	One Week Workshop on “Engineering Mechanics”	Dept of Mechanical Engineering AGI, Hyderabad	30 th June-5 th July 2014
27	Mrs.A.Pooja	One Week Workshop on “Engineering Mechanics”	Dept of Mechanical Engineering AGI, Hyderabad	30 th June-5 th July 2014
28	Mr.R.Naresh Kumar Goud	One Week Workshop on “Engineering Mechanics”	Dept of Mechanical Engineering AGI, Hyderabad	30 th June-5 th July 2014

FDP/Workshops/seminars attended by staff in academic Year 2015-16:

S.No.	Name of the Faculty	Event attended and on	Organized by; venue place	Date
1	Mr. B.Raja Narendra	Workshop on “Composite Materials and Its Applications”	Anurag Group of Institutions Hyderabad	29 th to 5 th March 2016
2	Mr.A.Nagamalleswara Rao	Workshop on “Composite Materials and Its Applications”	Anurag Group of Institutions Hyderabad	29 th to 5 th March 2016
3	Mr. M.Naveen Kumar	Workshop on “Composite Materials and Its Applications”	Anurag Group of Institutions Hyderabad	29 th to 5 th March 2016

4	Mr. P.Chinna Srinivas	National workshop on Recent Trends and Research Opportunities in Manufacturing Processes 2016	TEQIP Sponsored , Dept of Automobile Engineering VNR Vignan Jyothi Institute of Engineering and Technology, Hyd	9 th to 11 th March 2016
5	Mrs. D.Swetha	Mentor Development Programme	BYST (Bharatiya Yuva Shakthi Trust), Hyderabad	20 th to 21 st January 2016
6	Mr.R.Srinu	Mentor Development Programme	BYST (Bharatiya Yuva Shakthi Trust), Hyderabad	20 th to 21 st January 2016
7	Mr.M. Rajkumar Reddy	Mentor Development Programme	BYST (Bharatiya Yuva Shakthi Trust), Hyderabad	20 th to 21 st January 2016
8	Mrs.D.Pratibha	Outcome Based Education Platform	IUCEE Transforming Engineering Education ICTIEE2016,COEP, Pune	9 th January 2016
9	Mrs.A Neeraja	Faculty Development Programme on Production Technology and Metrology	SNIST & JNTUH Under TEQIP Phase II Hyderabad	4 th to 5 th December 2015
10	Mrs.P.Chaitanya Krishna	Faculty Development Programme on Production Technology and Metrology	SNIST & JNTUH Under TEQIP Phase II Hyderabad	4 th to 5 th December 2015
11	Mr.R.Naresh Goud	Faculty Development Programme on Production Technology and Metrology	SNIST & JNTUH Under TEQIP Phase II Hyderabad	4 th to 5 th December 2015
12	Mr.A.Balu	Faculty Development Programme on Production Technology and Metrology	SNIST & JNTUH Under TEQIP Phase II Hyderabad	4 th to 5 th December 2015
13	Mr.R.Mohan	workshop on Finite Element	Geethanjali College of Engineering	31 st Nov to 5 th Dec 2015

		Analysis and Practices through Ansys	Hyderabad	
14	Mr.T.Prasad	workshop on Finite Element Analysis and Practices through Ansys	Geethanjali College of Engineering Hyderabad	31 st Nov to 5 th Dec 2015
15	Mrs.P.Saritha	workshop on Finite Element Analysis and Practices through Ansys	Geethanjali College of Engineering Hyderabad	31 st Nov to 5 th Dec 2015
16	Mrs.D.Pratibha	workshop on Finite Element Analysis and Practices through Ansys	Geethanjali College of Engineering Hyderabad	31 st Nov to 5 th Dec 2015
17	Mrs.A.Pooja	workshop on Finite Element Analysis and Practices through Ansys	Geethanjali College of Engineering Hyderabad	31 st Nov to 5 th Dec 2015
18	Mr.L. Srinivas Naik	Seminar on “ Development of Tools using Bio materials for medical applications	RVR & JC College of Engineering Guntur	18 th -19 th September 2015
19	Mr.S. Jhesh Kumar	Seminar on “ Development of Tools using Bio materials for medical applications	RVR & JC College of Engineering Guntur	18 th -19 th September 2015
20	Mr.A.Nagamalleswara Rao	Seminar on “ Development of Tools using Bio materials for medical applications	RVR & JC College of Engineering Guntur	18 th -19 th September 2015
21	Mr.M. Harish	Workshop on Engineering Drawing	Dept of Mechanical Engineering & Centre of Faculty	1 st , 2 nd , and 3 rd July 2015

			Development & Management, NMRECI Hyderabad	
22	Mr.Y. RajaSekhar Reddy	Workshop on Engineering Drawing	Dept of Mechanical Engineering & Centre of Faculty Development & Management, NMRECI Hyderabad	1 st , 2 nd , and 3 rd July 2015
23	Mr. Md. Sikander Baba	Technology Literacy for Educators	Microsoft Certified Professional AGI – Hyderabad	June 14 th 2015
24	Mr.K.Srinivasa.Chalapati	One Week Workshop on Computational Fluid Dynamics	Dept of Mechanical Engineering Anurag Group of Institutions Hyderabad	1 st -6 th June 2015
25	Mr.Sikinder Baba	One Week Workshop on Computational Fluid Dynamics	Dept of Mechanical Engineering Anurag Group of Institutions Hyderabad	1 st -6 th June 2015
26	Mrs P Saritha	One Week Workshop on Computational Fluid Dynamics	Dept of Mechanical Engineering Anurag Group of Institutions Hyderabad	1 st -6 th June 2015
27	Mr.L.Srinivas Naik	One Week Workshop on Computational Fluid Dynamics	Dept of Mechanical Engineering Anurag Group of Institutions Hyderabad	1 st -6 th June 2015
28	Mr.H.Ameresh	One Week Workshop on Computational Fluid Dynamics	Dept of Mechanical Engineering Anurag Group of Institutions Hyderabad	1 st -6 th June 2015
29	Mr.S.Jush Kumar	One Week Workshop on Computational Fluid Dynamics	Dept of Mechanical Engineering Anurag Group of Institutions Hyderabad	1 st -6 th June 2015
30	Mr.N.Madan Mohan Reddy	One Week Workshop on Computational Fluid Dynamics	Dept of Mechanical Engineering Anurag Group of Institutions Hyderabad	1 st -6 th June 2015
31	Mr.T.Prasad	One Week Workshop on	Dept of Mechanical Engineering	1 st -6 th June 2015

		Computational Fluid Dynamics	Anurag Group of Institutions Hyderabad	
32	Mr.P.Kishore Kumar	One Week Workshop on Computational Fluid Dynamics	Dept of Mechanical Engineering Anurag Group of Institutions Hyderabad	1 st -6 th June 2015
33	Mr.M.Harish	One Week Workshop on Computational Fluid Dynamics	Dept of Mechanical Engineering Anurag Group of Institutions Hyderabad	1 st -6 th June 2015
34	Mr.Y.Rajasekhar Reddy	One Week Workshop on Computational Fluid Dynamics	Dept of Mechanical Engineering Anurag Group of Institutions Hyderabad	1 st -6 th June 2015
35	Mr.P.Chinna Srinivasa Rao	One Week Workshop on Computational Fluid Dynamics	Dept of Mechanical Engineering Anurag Group of Institutions Hyderabad	1 st -6 th June 2015
36	Mr.Ch.Sravan	One Week Workshop on Computational Fluid Dynamics	Dept of Mechanical Engineering Anurag Group of Institutions Hyderabad	1 st -6 th June 2015
37	Mr.V.Raju	One Week Workshop on Computational Fluid Dynamics	Dept of Mechanical Engineering Anurag Group of Institutions Hyderabad	1 st -6 th June 2015
38	Mr.R.Srinu	One Week Workshop on Computational Fluid Dynamics	Dept of Mechanical Engineering Anurag Group of Institutions Hyderabad	1 st -6 th June 2015
39	Mrs.A.Neeraja	One Week Workshop on Computational Fluid Dynamics	Dept of Mechanical Engineering Anurag Group of Institutions Hyderabad	1 st -6 th June 2015
40	Mrs.A.Pooja	One Week Workshop on Computational Fluid Dynamics	Dept of Mechanical Engineering Anurag Group of Institutions Hyderabad	1 st -6 th June 2015
41	Ms.Archana	One Week Workshop on Computational	Dept of Mechanical Engineering Anurag Group of	1 st -6 th June 2015

		Fluid Dynamics	Institutions Hyderabad	
42	Mr Shiva Naga Prasad	One Week Workshop on Computational Fluid Dynamics	Dept of Mechanical Engineering Anurag Group of Institutions Hyderabad	1 st -6 th June 2015
43	Mr.B.Raja Narendra	One Week Workshop on Computational Fluid Dynamics	Dept of Mechanical Engineering Anurag Group of Institutions Hyderabad	1 st -6 th June 2015
44	Mr.M.Ramu	One Week Workshop on Computational Fluid Dynamics	Dept of Mechanical Engineering Anurag Group of Institutions Hyderabad	1 st -6 th June 2015
45	Mr.P V V Raja Rao	One Week Workshop on Computational Fluid Dynamics	Dept of Mechanical Engineering Anurag Group of Institutions Hyderabad	1 st -6 th June 2015
46	Mr.K. Shiva Bharath	One Week Workshop on Computational Fluid Dynamics	Dept of Mechanical Engineering Anurag Group of Institutions Hyderabad	1 st -6 th June 2015
47	Mrs. D Swetha	One Week Workshop on Computational Fluid Dynamics	Dept of Mechanical Engineering Anurag Group of Institutions Hyderabad	1 st -6 th June 2015
48	Mrs D. Prathiba	One Week Workshop on Computational Fluid Dynamics	Dept of Mechanical Engineering Anurag Group of Institutions Hyderabad	1 st -6 th June 2015
49	Mr.R.Naresh Kumar Goud	One Week Workshop on Computational Fluid Dynamics	Dept of Mechanical Engineering Anurag Group of Institutions Hyderabad	1 st -6 th June 2015
50	Mr.Raju Sattu	One Week Workshop on Computational Fluid Dynamics	Dept of Mechanical Engineering Anurag Group of Institutions, Hyd	1 st -6 th June 2015
51	Mr A. Balu	One Week Workshop on Computational Fluid Dynamics	Dept of Mechanical Engineering Anurag Group of Institutions Hyderabad	1 st -6 th June 2015

52	Mr.J.Mohan	One Week Workshop on Computational Fluid Dynamics	Dept of Mechanical Engineering Anurag Group of Institutions Hyderabad	1 st -6 th June 2015
53	Dr.R.Venkat Reddy	One Week Workshop on Computational Fluid Dynamics	Dept of Mechanical Engineering Anurag Group of Institutions Hyderabad	1 st -6 th June 2015
54	Mr. Mirza Nasrullah Baig	One Week Workshop on Computational Fluid Dynamics	Dept of Mechanical Engineering Anurag Group of Institutions Hyderabad	1 st -6 th June 2015
55	Mr.T. Prasad	FDP on Latest Developments in Hydraulics, Pneumatics & Electronic Controls Systems	AICTE Sponsored Dept of Mechanical Engineering MGIT- Hyderabad	4 th – 16 th May 2015
56	Mr. Md. Sikander Baba	Certificate of Completion	IUCEE International Engineering Educator Certification Program Hyderabad	January – June 2015
57	Mr. S. Jhesh kumar	Workshop on “Design and Implementation of Student centered learning	K.G. Reddy College of Engineering Hyderabad	5 th – 6 th January 2016

FDP/Workshops/seminars attended by staff in academic Year 2016-17(Till date)

S.No.	Name of the Faculty	Event attended and on	Organized by; venue place	Date
1	Mr.N.V.Siva Sai	National Workshop on "Recent Trends in Mechanical Engineering"	Dept of Mechanical Engineering, AGI - Hyderabad	18 th -20 th August 2016
2	Mr.H.Ameresh	National Workshop on "Recent Trends in Mechanical Engineering"	Dept of Mechanical Engineering, AGI - Hyderabad	18 th -20 th August 2016
3	Mr.R.Srinu	National Workshop on "Recent Trends in Mechanical Engineering"	Dept of Mechanical Engineering, AGI - Hyderabad	18 th -20 th August 2016
4	Mrs.K.Gouthami	National Workshop on "Recent Trends in Mechanical Engineering"	Dept of Mechanical Engineering, AGI - Hyderabad	18 th -20 th August 2016
5	Mr.Raj Kumar Reddy	National Workshop on "Recent Trends in Mechanical Engineering"	Dept of Mechanical Engineering, AGI - Hyderabad	18 th -20 th August 2016
6	Mr.S.Upender	National Workshop on "Recent Trends in Mechanical Engineering"	Dept of Mechanical Engineering, AGI - Hyderabad	18 th -20 th August 2016
7	Ms.B.Madhuri	National Workshop on "Recent Trends in Mechanical Engineering"	Dept of Mechanical Engineering, AGI - Hyderabad	18 th -20 th August 2016
8	Mrs.C Sravanthi	A 4 Week Workshop on ICT in Education for Online and Blended Learning	Anurag Group of Institutions, Hyderabad	2 nd May – 2 nd August (In between only 4 Weeks)
9	Mrs.D.Swetha	A 4 Week Workshop on ICT in Education for Online and Blended Learning	Anurag Group of Institutions, Hyderabad	2 nd May – 2 nd August (In between only 4 Weeks)
10	Mrs P.Saritha	A 4 Week Workshop on ICT in Education for Online and Blended Learning	Anurag Group of Institutions, Hyderabad	2 nd May – 2 nd August (In between only 4 Weeks)
11	Mr.M Harish	A 4 Week Workshop on ICT in Education for Online and Blended Learning	Anurag Group of Institutions, Hyderabad	2 nd May – 2 nd August (In between only 4 Weeks)

12	Mr. L Srinivas Naik	A 4 Week Workshop on ICT in Education for Online and Blended Learning	Anurag Group of Institutions, Hyderabad	2 nd May – 2 nd August (In between only 4 Weeks)
13	Mr. N. Siva Sai	A 4 Week Workshop on ICT in Education for Online and Blended Learning	Anurag Group of Institutions, Hyderabad	2 nd May – 2 nd August (In between only 4 Weeks)
14	Mr.Md Sikindar Baba	A 4 Week Workshop on ICT in Education for Online and Blended Learning	Anurag Group of Institutions, Hyderabad	2 nd May – 2 nd August (In between only 4 Weeks)
15	Mr.H.Ameresh	National Workshop on “3D Printing”	REDD Robotics with Vignan Bharathi Inst of Technology	29 th July 2016
16	Mrs.K.Gowthami	National Workshop on “3D Printing”	REDD Robotics with Vignan Bharathi Inst of Technology – Hyderabad	29 th July 2016
17	Ms.B.Madhuri	National Workshop on “Soft Skills”	Dept of English in Association with TASK, NIT & ECT AGI- Hyderabad	11 th -16 th July, 2016
18	Mr.V.Adithya	National Workshop on “Soft Skills”	Dept of English in Association with TASK, NIT & ECT AGI- Hyderabad	11 th -16 th July, 2016
19	Mr.G.Sathish Kumar	National Workshop on “Soft Skills”	Dept of English in Association with TASK, NIT & ECT AGI- Hyderabad	11 th -16 th July, 2016
20	Mr.A.Nagamalleswara Rao	National Workshop on “Soft Skills”	Dept of English in Association with TASK, NIT & ECT AGI- Hyderabad	11 th -16 th July, 2016

18. Student Projects

	UG/ PG	2015-16	2014-15	2013-14	2012- 13
Percentage of Students who have done in-house projects including inter departmental	UG	98	71	90	85
	PG	-	60	100	44
Percentage of students doing projects in collaboration with industries/institutes	UG	2	29	10	15
	PG	-	40	0	56

19. Awards / Recognitions Received at the National and International Level
Faculty:

S. No	Name of the faculty	Awards/recognition	Remarks
1	Mr. Md. Sikander Baba	Chairman, BOS Mechanical Anurag Engineering College, Kodad	Since 2014
2	Mr. K. Srinivasa Chalapathi	Member, BOS Mechanical, JNTUH-Hyderabad	For 2 years (wef 2015)
3	Mr. K. Srinivasa Chalapathi	Member, BOS Mechanical, Anurag Engineering College, Kodad	Since 2014
4	Mr. Md. Sikandar Baba	International Engineering Educator certification by IUCEE is awarded in June 2015	Merit
5	Mr. Md. Sikandar Baba	Microsoft certified educator	Merit

Students:

S.No	Name of Student	Sex	Name of the event	Organized by, place of the event	Date of Event	Award Secured
1	A. Shiva Kanth	M	Fast Track Assembly Dissembly Workshop	CBIT, Gandipet	10 th March 2015	Merit
2	A.Mounika	F	Fast Track Assembly Dissembly Workshop	CBIT, Gandipet	11 th March 2015	Merit
3	Navaneeth Birudla	M	Fast Track Assembly Dissembly Workshop	CBIT, Gandipet	13 th March 2015	Merit
4	V Ganesh Sairam Reddy	M	Study on Steam Turb Rotor Shaft	BHEL, Hyd.	19 th June 2015	Trainer
5	Bejugam Manish	M	Study on Steam Turb Rotor Shaft	BHEL Hyd.	19 th June 2015	Trainer
6	S.Aoudarya	F	Machine Tools	HMT, Hyd.	5 th June-4 th July 2015	Trainer

7	K Chandan Kumar	M	Velocity	AGI, Hyd	7 th ,8 th March 2014	First
8	C.P.S.Varun	M	Solar and Smart Energy systems workshop.	Skyfi labs AGI, Hyd	10 th October 2014	SECOND
9	S P Jayavardhan Rayudu	M	Swarm Robotics	CVSR, HYD	19 th -20 th January 2013	Fastest fabrication award
10	M Manisha	F	Swarm Robotics	CVSR, HYD	19 th -20 th January 2013	Fastest fabrication award
11	E Vinay Kumar	M	Aerotrix Super Challenge	IIST Trivandrum	4 th -6 th march 2013	Best design award
12	Jai Krishna Sahith	M	Paper presentation	CVR ,IBRAHIM PATNAM	8 th -9 th March 2013	Merit
13	Sandeep	M	Abide-a-line	CBIT,Gandipet	19 th -20 th march 2013	Second
14	C.Varun	M	Photo snapping	AGI, HYD	3 rd -4 th April 2013	FIRST
15	S P Jayavardhan Rayudu	M	Virtual international carting championship	Jalandhar and Dhole Patil college of Engineering,Pune	15 th -20 th October 2013	Captain
16	P.Kalyan chakravarthy	M	Paper Presentation	OU,Hyd	9 th -10 th March 2012	First
17	C.Sankeerth Srivastav	M	Paper Presentation	OU,Hyd	9 th -10 th March 2012	First
18	S Jai Krishna Sahith	M	ROBOSOCCER	AGI,Hyd	27 th March 2012	First

20. Seminars/ Conferences/Workshops Organized and the Source of Funding (National/ International) with Details of Outstanding Participants, If any.

S. No	Name of the Workshop	Funding Source	Date	No of Participants
1	National Workshop on "Recent Trends In Mechanical Engineering"	DST -SERB	18 th -20 th August 2016 (2016-17)	57
2	National Workshop on "Composite Materials & Its Applications"	FRUGAL TECHNOLOGY	29 th Feb – 5 th March 2016 (2015-16)	148
3	Workshop on TRIBOLOGY	Self	31 st October 2015 (2015-16)	30
4	One Week Workshop on Computational Fluid Dynamics	Self	1 st -6 th June 2015 (2015-16)	50
5	One Week Workshop on Engineering Mechanics	Self	30 th June – 5 th July 2014 (2014-15)	41
6	Two Week " Fluid Mechanics workshop" conducted by IIT Kharagpur	MHRD	20 th - 30 th May 2014 (2013-14)	48
7	Two Week Engineering Thermodynamics Workshop conducted by IIT Bombay	MHRD	11 th - 21 st DEC 2012 (2012-13)	32
8	One Week FDP Workshop on Engineering Drawing	APSCHE-JNTUH	16 th - 21 st JULY 2012 (2012-13)	51

21. Student Profile Course-wise

Nature of the course (refer question No.2)	Batch	Applications Received	Selected		Pass Percentage	
			Male	Female	Male	Female
UG	2012-2016	Since the applications are processed by the State Council for Higher Education of the State Government, the number of applications received are not known but allotted seats are 100% filled	187	29	75	86
	2011-2015		120	24	72	84
	2010-2014		65	7	71	86
	2009-2013		53	13	87	85
	2008-2012		30	4	73	75
PG	2014-2016		7	4	-	-
	2013-2015		16	4	81	100
	2012-2014		4	2	100	100
	2011-2013		7	2	100	100
	2010-2012		9	2	100	100

22. Diversity of Students

Name of the Course (refer question no.2)	Batch	% of students from the college	% of students from the state	% of Students from other states	% of Students from other countries
UG B.TECH	2012-16	-	100	-	-
	2011-15	-	100	-	-
	2010-14	-	100	-	-
	2009-13	-	100	-	-
PG CAD/CAM MD	2014-16	-	100	-	-
	2013-15	-	100	-	-
	2012-14	-	100	-	-
	2011-13	-	100	-	-

23. How many Students have cleared Civil Services, Defense Services, NET, SLET, GATE and any other Competitive Examinations?

S.NO	Name of the competitive Examinations	Number of students cleared	Year
1	GATE (Graduate Aptitude Test for Engineers)	6	2012-13
2		22	2013-14
3		25	2014-15
4		37	2015-16

24. Students Progression

Students Progression		Percentage Against Enrolled			
		2012-13	2013-14	2014-15	2015-16
UG to PG		12	50	44	41
PG to M.Phil		-	-	-	-
PG to Ph.D		2	2	-	-
Ph.D to Post Doctorial		-	-	-	-
Employed: Campus Selection	UG	29	88	63	9
	PG	-	-	-	-
Employed: other than campus recruitment	UG	38	-	-	10
	PG	89	83	65	-
Entrepreneurs		2	1	-	-

25. Diversity of Staff

Percentage of faculty who are graduates	UG	PG	Ph. D.
of the same parent university	32/60= 53.33%	42/60= 70.00%	1/3 = 33.3%
from other universities within the State	3/60= 5.00%	3/60= 5.00%	1/3 = 33.3%
from other universities from other States	25/60= 41.67	15/60= 25.00%	1/3 = 33.3%

26. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt during the assessment period

NIL

27. Present details about Infrastructural Facilities

S.No	Name of the Infrastructural facility	Quality/ Details
1	Library	Floor space :50 sq.m No. of volumes:220 No. of titles :212 No. of project reports :175
2	Internet facilities for staff and students	Provided computing facility to all teaching staffs with internet connectivity Computer laboratory is available with 45 workstation and internet connection
3.	Total number of class rooms	11 class rooms, 1 tutorial room, 1 seminar hall and 1 drawing hall
4	Class rooms with ICT facility	5 class rooms
5	Student's laboratories	1.Engineering workshop 2.Production technology lab 3.Mechanics of solids lab 4.Metalurgy lab

		5. Thermal engineering lab 6. Metrology and machine tools lab 7. Heat transfer lab 8. Instrumentation lab 9. CAD/CAM lab 10. Dynamics & Analysis of structures Lab 11. Fluid Mechanics and Hydraulic Machinery lab
6	Research laboratories	1. CAD/CAM Lab 2. Thermal Engineering Lab 3. Metrology & Machine Tools Lab 4. Production Technology Lab
7	Clubs or activities room	A space is provided for the department students clubs, activities & associations. The students are actively involved in the following associations: <ul style="list-style-type: none"> • The Institution of Engineers (India) • American Society of Mechanical Engineers • MECHARRIORS – students’ association. • MARK – Mecharriors Automobile and Robotics Klub

28. Number of Students of the Department getting Financial Assistance from College.

UG/PG	No. of Students receiving Financial Assistance from the college	Events
UG	19	Fabrication and application of a fused deposition modeling of 3D printer (No of students - 4) Design and fabrication of Automobile Chassis (No of students - 10) Fabrication of Hybrid Vehicle (No of students - 5)

29. Was any need Assessment Exercise undertaken before the Development of New Program(s)? If so, Give the Methodology.

Yes, when the college plans to introduce a new program, a separate Need Assessment Committee is formed to survey the industry needs, number of colleges offering the program in the state and employment prospects for the program. Based on the suggestions of the committee, the proposal for introduction of new course is submitted to the Governing Body. The Governing Body approves the introduction of the new program. The college introduces the new program after obtaining approval from the statutory bodies.

30. Does the Department obtain Feedback from

a. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize it?

Yes, the department obtains feedback from the faculty on curriculum and discusses it in the department faculty meetings. The necessary **improvements** if any, are made in the curriculum and syllabi after discussion and due approval by the Board of Studies. Faculty also gives self-evaluation about the teaching-learning-evaluation, and this is also used for the faculty performance appraisal and for ensuring improvements in the teaching learning process.

b. Students on staff, curriculum as well as teaching-learning-evaluation and what is the response of the department to the same?

Feedback on Staff: Students’ feedback or the faculty is obtained twice in a semester. Corrective measures are initiated based on the feedback.

Feedback on Curriculum: Feedback on the curriculum is analyzed by the department and includes as an item in agenda in Board of Studies.

Feedback on Teaching-Learning-Evaluation: Feedback from students on teaching –learning- evaluation is also discussed.

c. Alumni and employers on the programmes and what is the response of the department to the same?

Feedback is obtained from the alumni and employers about the effectiveness of the programmes in terms of attainment of Program Outcome (POs) and Programme Educational Objectives (PEOs) to quantify the attainment and to make necessary improvements in the programmes.

31. List the Distinguished Alumni of the Department (Maximum 10)

S.No	Name of the Alumni	Batch	Current Position	Name of the Company
1	Anuj Sharma	2004-2008	Simulation Engineer	Robot Bosch gmbh Germany
2	S.Akshay reddy	2004-2008	Field Survey Officer	Metro Trainers
3	T.Santosh kumar	2006-2010	Assistant Executive Engineer	Greater Hyderabad Municipal Corporation
4	Anil Kumar	2006-2010	Quality Control Manager	Workhand Nagar Ltd
5	S.Kailsh	2006-2010	Project Designer	Bosch,Germany
6	M.Sreejesh	2007-2011	Design Engineer	Infotech Enterprises
7	K.Arunkumar	2007-2011	Senior Design Engineer	Igate Global

				Solutions
8	N. Sandeep	2008-2012	Software Engineer	Infosys
9	D.Gnandeeep	2008-2012	Software Engineer	Infosys
10	K.Chaithanya	2009-2013	Quality Assurance Engineer	Cyient
11	Bangaru Thulasi	2009-2013	Senior Engineer	Bosch, Chennai
12	Mahesh Vemula	2010-2014	Engineer	Sutherlands Pvt.Ltd

32. Give details of Student Enrichment Programmes (Special Lectures / Workshops / Seminar) with External Experts

Details of Student enrichment programs in academic year 2016-17.

S.No	Seminar/ Workshop /Special Lecture	Title of the Programme	Name & Designation of external experts	Date of Programme
1	Workshop	Twoday workshop on “ Engine Design, Development, Testing & Emission Control Technologies & Value Engg”	Er. Arjun Raj R& D Engineer, Mahindra & Mahindra Ltd, Chennai	22 nd & 23 rd July 2016

Details of Student enrichment programs in academic year 2015 -16.

S.No	Seminar/ Workshop/ Special Lecture	Title of the Programme	Name & Designation of external experts	Date of Programme
1	Guest Lecture	“Design Aspects and Factors of Safety”	Dr. Ivatury S Raju, Technical Fellow for Structures, NASA Engineering and Safety Center (NESC)	11 th Feb 2016
2	Guest Lecture	“Introduction to FEM & Review of Case Studies”	Dr. C. Kameswara Rao, AGM, BHEL (R & D)	20 th January 2016
3	Workshop	3 Day Open Source CFD Software Training	Udvavisk Technology, Chennai	6 th – 8 th Jan 2016
4	National Workshop	National Workshop on “Composite Materials & Its Applications”	Dr. G. Amarendar rao Dr. C.S.V. Rao Dr. D.V. Ravi Shankar Dr. C. Uday Kiran Dr. A. Satya Devi Dr. G. Anand	29 th Feb – 5 th March 2016
5	Workshop	“Computational Fluid Dynamics”	Honeywell Technologies, Bangalore	19 th Dec 2015
6	Seminar	“Heat Treatment of Steels”	Mr.V. Ramachandra Murthy COO, Arani Power Ltd	9 th October 2015
7	Workshop	“Model Rocketry” workshop	Rocketeers Ltd Bangalore	25 th & 26 th September 2015

8	Workshop	One Week Workshop on Computational Fluid Dynamics	Mr. Srinivas Dachepalli Honeywell Technological Solutions Pvt. Ltd.	1 st -6 th June 2015
9	Workshop	Inauguration of MARK-Mecharriors Automobile and Robotics klub and Workshop on 3D printing	Honeywell Technologies, Bangalore	5 th Aug,2015

Details of Student enrichment programs in academic year 2014 -15.

S. No	Seminar/Workshop/Special Lecture	Title of the Programme	Name and Designation of external experts	Date of Programme
1	Seminar	Scope and Potential of Mechanical Engineers through FE Modeling and Analysis	Mr.Abrahim, Manager VISU Mr. Harsha Vardhan,GM	Feb 25,2015
2	Workshop	Student Professional Development Conference	Cynthia Stong, Sr. VP Students & Early Career Development. Tom Loughlin ASME Executive Director	March 13-15,2015
3	Seminar	Structures, Failures and Lessons	Dr. Ivatury S Raju,NASA	6th February 2015
4	Workshop	3D Printing Demonstration	SKYFi LABS	3 rd Nov, 2014
5	Seminar	The Excitement of Developing Materials Technologies For Strategic & Industrial Applications	Dr. Srikanth Joshi, Addl.Director, ARCI	22nd October 2014
6	Workshop	Solar and Smart Energy	SKYFi LABS	10 th and 11 th Oct, 2014
7	Workshop	Design, Fabrication of Hovercraft	SKYFi LABS	10 th and 11 th Oct, 2014
8	Guest Lecture	Flow Simulation Of Power Plant Components	Dr. C Bhaskar, Sr. Manager BHEL R&D	22nd September 2014
9	Workshop	Design and Fabrication of RC Car	SKYFi LABS	12 th and 13 th Sep, 2014
10	Guest Lecture	Design of Hydrodynamic Journal Bearings for Rotating Shafts	Dr. Dargaiah Ex.AGM BHEL R&D	6th September 2014
11	Workshop	Design, Fabrication and Flying of RC Aircraft	SKYFi LABS	22 nd and 23 rd Aug, 2014

Details of Student enrichment programs in academic year 2013-14

S.No	Seminar/Workshop/Special Lecture	Title of the Programme	Name and Designation of external experts	Date of Programme
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1	Guest Lecture	Value Engineering for Developing Optimum Specifications	Prof.Kamalakar Hon. Secretary IEI, TSC	9th January 2014
2	Workshop	Haptics- Robotics Workshop	Robogenesis, Bangalore	13th & 14th Sep, 2013

33. List the Teaching Methods adopted by the Faculty for Different Programmes.

- Lecture with discussion and chalk & talk
- Lecture with model
- Lecture with PPT presentation, demonstration
- Field visits
- Tutorial classes and seminars
- Assignments, group discussion
- Industry oriented mini projects and major projects
- Lab exercises

34. How does the Department Ensure that Programme Objectives are constantly met and Learning Outcomes monitored?

- The attainment of programme objectives and the learning outcomes are ensured through proper curriculum design.
- The curriculum is designed with various theory, laboratory and both core and open elective courses to meet the Programme Educational Objectives, Programme Outcomes and Course Outcomes
- The Course Outcomes are clearly defined to ensure that the courses are aligned with the Programme Outcomes
- The attainment analysis of Programme Educational Objectives is done through the indirect assessment tools such as Exit Survey, Employer Survey and collection of inputs from all stakeholders.
- Through regular interaction among the Module Coordinators and Course Coordinators, the efforts are taken to ensure the attainment of Course Outcomes
- Programme Outcome Attainment Assessment is performed through direct assessment tools such as Course Outcome attainment, rubrics and performance of students in national and international level exams. Indirect assessment tools such as Exit survey and Employer survey are also used.

- The attainment of Course Outcomes is monitored through the direct assessment tools such as Assignment, Seminars, mid term tests, Mini and Major-projects, and lab courses

35. Highlight the Participation of Students and Faculty in Extension Activities.

Students:

- NSS volunteers are highly motivated and organize social activities at surrounding villages like Conduction of Blood Donation Programme, Eye Camp, Health camps
- Details of the NSS Events participated by the departmental students

36. Give details of “Beyond Syllabus Scholarly Activities” of the Department.

Special guest lectures and workshops were conducted on advanced topics like Composite Materials, Fracture Mechanics, Value in Engineering, Advanced Engine Design, and Industrial Tribology etc by eminent faculty and personalities from DRDL, NASA, Mahindra Motors, BHEL etc.

37. State whether the Programme/Department is Accredited/Graded by the other Agencies. Give details

B.Tech. Mechanical Engineering has been provisionally accredited for three years by NBA under Tier – 1 with effect from July 2015.

38. Detail any Five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the Department

Strengths

- Good visionary management, highly qualified, committed and experienced faculty.
- Focused towards research activities.
- Active participation of students in professional bodies such as ASME, SAE, IE, ISIE and participation in national level competitions like Gokart and BAJA.
- Autonomous status, NBA accreditation, PG program in the department.
- Well-equipped department library and digital library facility to access e-books and journals.
- Sufficient industrial visits and licensed software like AutoCAD, ProE/Creo, Ansys to enrich the practical knowledge of the students.
- Good campus placements
- Hostel accommodation to meet the increased demand
- Formal Networking with other institutions

Weakness

- Industrial consultancy and applied research.
- Quality of students
- Strengthening of professional bodies

Opportunities

- Possible to change the curriculum as the need because of Autonomous Status.
- Networking with premier institutes and Industry for advanced, applied research and academic interaction through MoUs.
- Catering to the need of all sections of the society
- Alumni Networking for academic and placement activities.
- Many alumni are offering substantial support to the Sports Bout and Tech Fests.

Challenges

- Mushrooming of existing and upcoming private engineering colleges leading to more competition
- Social perception about engineering education in India
- Scarcity of faculty in high-demand areas.
- Possibility of declining quality of students admitted because of the extremely large number of institutes that are being setup.
- Decrease in availability of qualitative faculty with passion towards teaching.

39. Future Plans of the Departments

- Establishing Center of excellences in Nanotechnology, Robotics, Bio fuels
- Carrying out consultancy projects from Industries
- Promoting transfer of technologies developed from students/faculty members
- Obtaining at least one funded projects per year from different funding agencies
- Providing maximum placements in core Industries.

Evaluative Report of the Pharmacy Department

1. **Name of the department and its year of establishment.**

Name of the department : Pharmacy
Year of Establishment : 2005

2. **Names of Programmes / Courses offered**

(UG, PG, M. Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)

S.No	Name of the Programmes Offered	(UG, PG, Ph.D)
1.	B.Pharmacy	UG
2.	Pharma-D	PG
3.	M.Pharmacy -Pharmaceutics	
4.	M.Pharmacy - Pharmacology	
5.	M.Pharmacy - Industrial Pharmacy	

3. **Interdisciplinary Courses and Departments Involved:**

By implementation of CBCS, a wide scope is given to the department to introduce the core, inter disciplinary basic courses, strong foundation on basic sciences. In addition to this the department is providing courses to develop communication, aptitude and other skills which are very much needed for all competitive exams and placements etc.

S.No.	Name of the Course	Name of the Departments Offering the Course
B-Pharmacy Theory Courses		
I	1. English Language Communication Skills-I 2. English Language Communication Skills-II	English
II	1. Remedial Mathematics-I 2. Remedial Mathematics-II 3. Statistical and Computer Applications	Mathematics
III	Statistical and Computer Applications	Computer Sciences and Engineering

S.No.	Name of the Course	Name of the Departments Offering the Course
B-Pharmacy Practical Courses		
I.	1. English Language Communication Skills Lab-I 2. English Language Communication Skills Lab-II 3. Advanced English Communication Skills Lab	English
II.	1. Statistical and Computer Applications-Lab	Computer Science and Engineering
Pharm-D (PG)		
Theory Course		
I.	1. Remedial Mathematics	Mathematics
II	1. Biostatistics and Research Methodology M-Pharmacy (Pharmaceutical Analysis and Quality Assurance)	Mathematics
Theory Course		
II	1. Advanced Biostatistics and Research Methodology	Mathematics

4. Annual/semester/ Choice based credit system (programme-wise)

Annual/semester/ : UG–Semester

(Choice based credit system)

Choice based credit system : PG– Semester system

(Programme-wise)

Participation of the Department in the Courses offered by other Departments

S.No	Interdisciplinary Courses Offered	Interdisciplinary Courses Offered
1	NIL	NIL

5. Number Of Teaching Posts Sanctioned And Filled.

	Sanctioned	Filled
Professors	2	2
Associate Professors	12	12
Asst. Professors	41	41

6. Faculty Profile with Name, Qualification, Designation, Specialization (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

S. No.	Name of the Faculty	Qualification	University	Designation	Specialization	Total Experience in Years	Ph. Ds guided in last 4 years
1	Dr. Vasudha Bakshi	M.Pharm, Ph.D	Manipal University	Prof	Pharmacology	1	1
2	Dr. G. Kiran	M.Pharm, Ph.D	Kakatiya University	Prof	Pharmaceutical Analysis	1	
3	Dr. M. Ram Mohan	M.Pharm, Ph.D	Kakatiya University	AssoProf	Pharmacognosy	9	
4	Dr.S. Krishna	M.Pharm Ph.D	JNTUK	AssoProf	Pharmaceutics	7	
5	Dr.C.Ananda Kumar	M.Pharm, Ph. D	J.J.T. Univ ersity, Rajasthan	AssoProf	Pharmaceutics	4	
6	Mr.G.Babashanka Rao	M.Pharm (Ph.D)	JNTUH,	AssoProf	Pharmacognosy	9	
7	Mr.B. Jainendra Kumar	M.Pharm (Ph.D)	Medical University Coimbatore	AssoProf	Pharmaceutical chemistry	1	
8	Ms.K. Rama Devi	M.Pharm (Ph.D)	Osmania University Hyderabad	AssoProf	Pharmaceutical chemistry	9	

9	Mr.D. Mohanty	M.Pharm (Ph.D)	JTU,Raja sthan	Asso Prof	Pharmaceutics	7	
10	Ms.D. Sireesha	M.Pharm (Ph.D)	JNTUH	Asso Prof	Pharmaceutica l Analysis	7	
11	Ms.N. Lalitha Jyotsna	M.Sc (P h. D)	Gulbarga University	Asso Prof	Biotechnology	1	
12	Mr.B. Hemanth Kumar	M.Pharm (Ph.D)	RGUHS Bangalore	Asso Prof	Pharmacology	7	
13	Mr.Rahul M. Kakalij	M.Pharm (P h. D)	RVNVTMS, Mumbai	Asso Prof	Pharmacy Practice	6	
14	Mr.M. AkifulHaque	M.Pharm (Ph.D)	BPUTUOri ssa	Asso Prof	Pharmaceutica l Analysis	7	
15	Ms.S. Swapna	M.Pharm	K.U, Warangal	Asst.P rof	Pharmaceutics	4	
16	Ms.S.K.MadhaviH arika	M.Pharm	JNTUH	Asst.P rof	Pharmaceutics	3	
17	Ms.AzmathFarha na	M.Pharm	JNTUH	Asst.P rof	Pharmacology	3	

18	Ms.N. Swetha Reddy	M.Pharm	KU, Warangal	Asst.P rof	Pharmaceutica I Chemistry	3	
19	Ms.Rani Samyuktha	Pharm-D	JNTUH	Asst.P rof	Pharm-D	3	
20	Mr.P. Naveen	M.Pharm	OU	Asst.P	Pharmacology	4	
21	Ms.P. Ramya Deepthi	M.Pharm	OUPH	Asst.P rof	Pharmaceutics	5	
22	Ms.A. Teja Sri	M.Pharm	N.U, Guntur	Asst.P rof	Pharmaceutica I Chemistry	4	
23	Mr.V. Vinod Kumar	M.Pharm	JNTUH	Asst.P rof	Pharmaceutics	2	
24	Mr.E.Rajeshwar Rao	M.Pharm	JNTUH	Asst.P rof	Pharmaceutics	2	
25	Mr.KM.Vijay Krishna	M.Pharm	JNTUH	Asst.P rof	Pharmaceutics	2	
26	Ms.G.HariKiritiVarma	M.Pharm	JNTUH	Asst.P rof	Pharmaceutics	2	
27	Mr.A.Vijay	M.Pharm	JNTUH	Asst.P rof	Pharmaceutics	2	

28	Ms.M. Yaso Deepika	M.Pharm	A.U, Krishna	Asst.P rof	Pharmacology	2	
29	Mr.MohammedS ayed	M.Pharm	RGUHS Bangulur	Asst.P rof	Pharmacology	7	
30	Ms.G.MounikaTej aswi	Pharm-D	JSSU. Banglore	Asst.P rof	Pharm-D	2	
31	Mr.K.Sunand	M.Pharm (P h. D)	JNTUH	Asst.P rof	Pharmacology	2	
32	Dr.K.Vivek Kumar	Pharm-D	KU, Warangal	Asst. Prof	Pharm-D (PB)	3	
33	Dr.K.H.Usha Devi	Pharm-D	R.I.P.E.R Ananthapur	Asst. Prof	Pharm-D (PB)	3	
34	Dr.Alekya	Pharm-D	JNTUH	Asst. Prof	Pharm-D (PB)	0	
35	Mr.J.RajendraKu mar	M.Pharm	KU, Warangal	Asst. Prof	Pharmaceutics	5	
36	Mr.B.Narender	M.Pharm	RGUHS Bangulur u	Asst. Prof	Pharma Chemistry	4	

37	Ms.A.Rajamani	M.Pharm	OU, Hyd	Asst.P rof	Pharmaceutica l Analysis	0	
38	Ms.Burra Sai Krupa	M.Pharm	JNTUH	Asst.P rof	Pharmaceutics	0	
39	Mr.P.Chandra Shekar	M.Pharm	JNTUH	Asst.P rof	Pharmaceutics	0	
40	Mr.E.Ravindar naik	M.Pharm	O.U, Hyd	Asst.P rof	Pharmaceutics	1	
41	Mr.Akarapu Mahesh	M.Pharm	JNTUH	Asst.P rof	Pharmaceutics	0	
42	Ms.Nari Umarani	M.Pharm	JNTUH	Asst.P rof	Pharmaceutics	0	
43	Ms.Gujjuka Mamatha	M.Pharm	JNTUH	Asst.P rof	Pharmaceutics	0	
44	Mr.G.Rama Krishna	M.Pharm	KU, Warangal	Asst.P rof	Pharmacology	2	
45	Ms.B.Nirosha	M.Pharm	KU, Warangal	Asst.P rof	Pharmaceutics	0	
46	Mr.E.Jagadish Kumar	Pharm.D (PB)	JNTUH	Asst. Prof	Pharm.D (PB)	0	
47	Mr.K.Hari Babu	M.Pharm	JNTUH	Asst. Prof	Pharmaceutics	0	
48	Ms.N.Swetha	M.Pharm	JNTUH	Asst. Prof	Pharmaceutics	0	

49	Mr.C.Sathyanand	M.Pharm	JNTUH	Asst. Prof	Pharmaceutics	0	
50	Ms.K.Roja Rani	M.Pharm	KU, Warangal	Asst. Prof	Pharmaceutics	3	
51	Mr.B.Kiran Kumar	M.Pharm	JNTUH	Asst. Prof	Pharmaceutics	0	
52	Mr.B.Syda Nageshwar Rao	M.Pharm	KU, Warangal	Asst. Prof	Pharmaceutics	0	
53	Mr.K.Hari Prasad	M.Pharm	JNTUH	Asst. Prof	Pharmaceutics	0	
54	Mr.P.Kiran	M.Pharm	JNTUH	Asst. Prof	Pharmaceutics	0	
55	Mr.B.Prabhakar	M.Pharm	JNTUH	Asst. Prof	Pharmaceutics	0	

7. Percentage Of Lectures Delivered : NIL

And Practical Classes Handled

(Programme-Wise) By Temporary Faculty

8. Student-Teacher Ratio : B. Pharm - 15 : 1

(Programme-Wise - M. Pharm - 6 : 1

9. Number Of Academic Support Staff (Technical) And Administrative Staff Sanctioned And Filled.

	Sanctioned	Filled
TechnicalStaff	12	12
AdministrativeStaff	1	1

10. Number of faculty with ongoing : **NIL**

(Projects from

a) National

b) International funding agencies

And grants received

11. Departmental projects funded by : **NIL**

DST-FIST; UGC, DBT, ICSSR, etc.

And total grants received

12. Research Facility / Centre with

- The Department of Pharmacy is recognized by DSIR and renewal is under process.
- The department has well equipped separate R & D centers
- Centre for Instrumental Analysis
- Neuroscience R&D centre
- Centre for Nano Medicine
- Pharmacology, Pharmaceutics and Pharmaceutical Analysis Research labs are well-equipped with highly sophisticated equipment like FTIR, HPLC, Video Tracking, Power Lab, Elisa, Semi Auto Analyzer, Tablet Punching and Dissolution Apparatus.
- Department of Pharmacology also has separate R & D section for Neuropharmacology Screening along with Animal House in accordance with CPCSEA guidelines.
- Dr.Vasudha Bakshi is recognized as supervisor by JNTUH
- Dr. G. Kiran, Associate Professor has the international research collaboration with National Cancer Institute, Baltimore, USA.
- Faculty members are pursuing their Ph.D from our institution under various universities like JNTUH, Osmania, and JNTUK.
- International research papers published from our institution are Pubmed, Scopus and Thomson Reuters indexed.

International Recognition: The papers published under the research centre are Google Scholar indexed.

13. Publications - Publication Details:

Sno	Year	Papers published by the faculty in International / National journals	Papers published by the faculty in International / National conferences
1	2012-13	22	38
2	2013-14	13	38
3	2014-15	27	54
4	2015-2016	18	44
5	2016-till date	35	21

- | | | |
|---|---------------------------------------|-----------------------|
| 1 | Citation Index- Range/ average | Range: 0-17 |
| 2 | Impact Factor- Range/ average | Range:0.8-4.92 |
| | | Average: 1.43 |
| 3 | h- index | 0-5 |

15. Details of patents and income generated:

Title/ Description	Principal Investigator	Duration/ Time Period	Sponsoring Organization	Funding Amount	Remarks
Self Nano Emulsifying Delivery Systems Of Lurasidone And Preparations There of For Oral Administration	Dr.Vasudha Bakshi	Feb 2015	Anurag Group of Institutions	25000	
Pharmaceutical Compositions For The Coordinated Delivery Of Naproxen And Lansoprazole	Dr.Vasudha Bakshi	Feb 2015	Anurag Group of Institutions	25000	
Polyherbal Evaluation	Dr.Vasudha Bakshi	Feb2015-Feb2016	Celestial	96000	

16. Areas of consultancy and income generated : DST- 75,000
17. Faculty recharge strategies: The AGI and Department is encouraging the staff members to participate in various national and international events.

S.no	Type of Recharging strategies	2012-13	2013-14	2014-15	2015-16
1.	FDP	8	5	6	4
2.	CONFERENCES	38	38	54	44
3.	WORKSHOPS/SEMINARS	7	4	5	9
4.	CERTIFICATION PROGRAMMES	-	2	1	-
5.	GUEST LECTURES	-	1	4	1

2012-13

S. No	Name of faculty	Event attended and on	Organized by	Date
1.	Padmanabha Rao A.	National Conference On Rediscovery of Importance of herbal plants and their application”	Centre for Economic and Social Studies, Hyderabad.	14-15 th September 2012
2.	Krishna Sanka	International Seminar on Advancements in Pharmaceutics and Industrial Pharmacy	Kakatiya University- Warangal INDIA.	23 rd & 24 th April-2012
3.	Krishna Sanka,	National conference on drug regulatory affairs	Chaitanya Pharmacy College of Education and Research, Kishanpura, Warangal-506001, AP, India	8 th and 9 th September 2012
4	Dr. Prakash V. Diwan, A. Padmanabha Rao, Dr.V.V.L. N. Prasad, Mr. Rahul Kshirsagar,	XXXXV Annual Conference of Indian Pharmacological Society & International Conference on Navigating Pharmacology towards safe & Effective Therapy	Smt. Kishoritai Bhojar College of Pharmacy, Kamptee, Nagpur.	5 th – 7 th January 2013

2013-14

S.No	Name of faculty	Event attended and on	Organized by	Date
1.	Dr. P. V. Diwan	National conference on Trends in Pharmacology	Dept. of Pharmacology, KLE University, J.N. Medical College, Belgaum	2013
2.	Dr. A. Padmanabha Rao	International conference on “Emerging Trends in Biomarker Research – Prospects & Challenges”	IICT Auditorium, Tarnaka, Hyd.	13-14 September 2013
3	Dr. Vasudha Bakshi	Delivered a Guest Lecture on Academy –Industry meeting benefits – Need of an hour their application”	UGC Academic Staff College, JNTU Hyderabad	17 th June 2014
4	Mr. R. Sowjanya Kumar Reddy	Participated UGC Sponsored Refresher Course	JNTU Hyderabad, Telangana.	9 th to 28 th June 2014

2014-15

S.No	Name of faculty	Event attended and on	Organized by	Date
1.	Dr. Vasudha Bakshi	Attended and presented poster in national level conference "RIPE 2015" Delivered a lecture entitled "Nano Drug Delivery Systems" in a National Conference on "Drug Innovations and Discoveries: Inquisitive Technologies (DIDIT-2K15)"	JNTU Hyderabad, Telangana. College of Pharmacy, Palamuru University	March 13-14, 2015 10 th April 2015
3.	Mr. Rahul M. Kakalij	1.Participated and presented a poster in the National Symposium "Sipra Innovative Pharma research Award – 14" 2. Attended and presented poster in national level conference "RIPE 2015"	Sipra Labs Limited, Hyderabad JNTU Hyderabad, Telangana	8 th Sept 2014 March 13-14, 2015
4.	B.Hemanth Kumar	1. Participated in UGC Sponsored Refresher Course, JNTU Hyderabad on "Reforms and Innovations in Drug Discovery and Development" 2.Participated and presented a poster in the National Symposium "Sipra Innovative Pharma research Award – 14" 3. Attended and presented poster in national level conference "RIPE 2015"	JNTU Hyderabad, Telangana. Sipra Labs Limited, Hyderabad JNTU Hyderabad, Telangana.	21 st July to 11 th Aug 2014 8 th September 2014 March 13-14, 2015
5.	Dr. Prakash V Diwan,	Delivered a Guest Lecture in World Congress Pharmacology 2014 Keynote presentation at the 3 rd International Conference and Exhibition on Pharmacovigilance and Clinical Trials	Cape Town, South Africa International Convention Centre, India (OMICS)	9 th to 14 th July 2012 27–29 th October 2014
6	Dr. A. Madhu Babu	1.Participated in the Two Day National Seminar on	JSS College of Pharmacy, Ooty,	12 th and 13 th September

		<p>“Development of Drugs and Vaccine against multi drug resistant tuberculosis”</p> <p>2.participated as a delegate in the Two Day 2nd National conference Reforms and Innovations in Pharmacy Education towards Global Standards (RIPE – 2015)</p>	<p>Tamilnadu.</p> <p>JNTU Hyderabad, Kukutpally, Hyderabad.</p>	<p>2014.</p> <p>13th & 14th March 2015</p>
7.	Mrs. Rajani Katanguru	participated in the International Conference on “Sustainability of Digital Libraries”	JNTU Hyderabad, Kukutpally, Hyderabad.	25 th to 27 th September 2014
8	Dr. A. Padmanabha Rao	<p>1.Participated in Lab Expo, 6th International Exhibition and Conferences on Scientific Laboratory, Analytical and Biotechnology Instruments.</p> <p>2.Delivered a lecture entitled “Pharmacovigilance and Its Current Scenario” in a National Conference on “Drug Innovations and Discoveries: Inquisitive Technologies (DIDIT-2K15)”</p>	<p>Hitex Exhibition Centre, Hyderabad</p> <p>College of Pharmacy, Palamuru University</p>	<p>8th November 2014</p> <p>10th April 2015.</p>
9	Mr. S.Krishna	<p>1. Poster Presentation during Scientific Session of 19th Annual National Convention of Association of Pharmaceutical Teachers of India (APTICON 2014) on Emerging Trends in Pharmacy Profession and Education.</p> <p>2.Poster Presentation on Pharmacodynamics of optimized pH dependent colon specific eudragit S-100 microspheres formulations of ketoprofen</p> <p>3.Participated in a one day workshop on “NAAC Accrediation and assessment in higher</p>	<p>Pune Region Pharmacy Institutions and APTI (MS)</p> <p>66th Indian Pharmaceutical Congress held at Hitex, Hyderabad</p> <p>Anurag Engineering College, Ananthgiri (V), Kodad (M),</p>	<p>28th – 30th November 2014</p> <p>23rd to 25th January 2015</p> <p>11th March 2015</p> <p>16th to 18th April 2015</p>

		education institutions” 4.Presented a poster at QbD in Pharma Development World Congress 2015,	Nalgonda (D), A P – 508 206 Select Biosciences India Private Limited Chandigarh, Punjab	
10	Mr. P. Naveen	1.Presented a paper entitled Herb-drug interaction between Aloevera and Glipizide in healthy and streptozotacin induced diabetic rats	66 th Indian Pharmaceutical Congress held at Hitex, Hyderabad	23 rd to 25 th January 2015
11	Ms. P Ramya Deepthi	1.Presented a paper entitled Formulation and Evaluation of Supersaturable Fenofibrate seeds 2.participated in the Scilab training organized at Osmania University by Venkata Ramana devi Chinnapaka 3.Attended and presented poster in national level conference “RIPE 2015”	66 th Indian Pharmaceutical Congress held at Hitex, Hyderabad Osmania University,Hyderabad JNTU Hyderabad,Telangana.	23 rd to 25 th January 2015 February 6 th 2015 March 13-14, 2015
12	Ms. V. Rani Samyuktha	participated in the Scilab training organized at Osmania University by Venkata Ramana devi Chinnapaka	Osmania University,Hyderabad	February 6 th 2015
13	Ms. P. Sree Vennela	participated in the Scilab training organized at Osmania University by Venkata Ramana devi Chinnapaka	Osmania University,Hyderabad	February 6 th 2015
14	Mrs. Ch. B. Praveena Devi	participated in the Scilab training organized at Osmania University by Venkata Ramana devi Chinnapaka	Osmania University,Hyderabad	February 6 th 2015
15	Mr. G. Baba Shankar Rao	1.Attended and presented poster in national level conference “RIPE 2015” 2.participated in a one day workshop on “NAAC	JNTU Hyderabad,Telangana. Anurag Engineering	March 13-14, 2015 11 th March 2015

		Accreditation and assessment in higher education institutions”	College, Ananthgiri (V), Kodad (M), Nalgonda (D), A P – 508 206	
16	Mr. Rahul P.Kshirsagar	Attended and presented poster in national level conference “RIPE 2015”	JNTU Hyderabad,Telangan	March 13-14, 2015

2015-16

S.No	Name of faculty	Event attended and on	Organized by	Date
1.	Dr. Vasudha Bakshi	<ol style="list-style-type: none"> 1. A Lecture on “Insilico Drug Design” UGC Refresher Course on “Acquiring and improving skills of Drug Designing to Achieve the Goals of Pharmaceutical Research” 2. Participated in “NBA Awareness Workshop on Outcome Based Education and Accreditation” 3. Presented “OMICS International Conference” for presenting the Oral entitled “Validated RP-HPLC method development for the simultaneous estimation of lisinopril and hydrochlorthiazide in bulk and pharmaceutical dosage form at the “8th Indo Global Summit & Expo on Vaccines, Therapeutics & Healthcare” 4. Principal Evaluator on Two days National Symposium on “Challenges and Opportunities of Pharmaceutical Research in Education and Industry” 5. Participated and presented Paper Presentation entitled “Formulation and Evaluation of Proniocomol Powder of Candesartan Cilexetil” in Two-Days National Symposium on “Challenges and Opportunities of Pharmaceutical Research in 	<p>UGC - Kukatpally, Hyderabad.</p> <p>JNTUH, Hyderabad</p> <p>TSCHE and JNTU. Hyderabad</p> <p>“JNTU Hyderabad.</p>	<p>02nd July 2015</p> <p>14th September, 2015</p> <p>November 02-04, 2015.</p> <p>11th& 12 March, 2016,</p> <p>2nd April, 2016.</p>

		Education and Industry”		
2.	Mr. G.Baba Shankar Rao	<ol style="list-style-type: none"> 1. Participated in UGC Sponsored Refresher Course on “Acquiring and improving skills of drug designing to achieve the goals of pharmaceutical research” 2. Oral Presentation entitled “Pharmacognostic, Phytochemical & Elemental Analysis of Galphimia Species” in Two-Days National conference on “Transpiring Novelty and Hi-Tech Knowledge in Advanced Research in Pharmaceutical Sciences, 	<p>UGC - Kukatpally, Hyderabad.</p> <p>Teegala Krishna Reddy College of Pharmacy, Hyderabad.</p>	<p>22nd June to 11th July 2015</p> <p>December 29 & 30th2015</p>
3.	D. Sireesha	<ol style="list-style-type: none"> 1. Participated in UGC Sponsored Refresher Course on “Acquiring and improving skills of drug designing to achieve the goals of pharmaceutical research” 2. Oral Presentation entitled “RP-HPLC Method Development and Validation for Simultaneous Estimation of Levofloxacin & Ambrons HCL” in Two-Days National conference on “Transpiring Novelty and Hi-Tech Knowledge in Advanced Research in Pharmaceutical Sciences, 	<p>JNTUH, Kukatpally,</p> <p>Teegala Krishna Reddy College of Pharmacy, Hyderabad.</p>	<p>14th September, 2015</p> <p>December 29 & 30th 2015</p>
4.	B.Hemanth Kumar	<ol style="list-style-type: none"> 1. Participated in “Pharmacy Practice Module-Advanced Learning Series 7 “Oncology” JSS Hospital. 2. Participated in “Indian Pharmacological Society National conference” for presenting the Oral Presentation entitled “hesperiden Improves Learning and Memory Outcomes attenuating Oxibative stress and 	<p>JSS College of Pharmacy, Mysuru</p> <p>Saurashtra University, Rajkot, Gujarat.</p>	<p>26th to 28th September, 2015.</p> <p>December 18-20, 2015</p>

		endothelial Dysfunction in Hypor Homocysteinemic Rats” the 48 th International Conference on “Cutting-Edge Pharmacology: Contemporary Issues and Future Challenges”. Awarded Prof.G.Achari Prize.		
5.	Mrs. A.Teja Sri	Participated in UGC Sponsored Short Term Course on “In Silico Drug Discovery and Structure Based Drug Design in Pharmaceutical Chemistry”	JNTU Hyderabad	02 nd November to 07 th Nov. 2015.
6	M. Akifful Haque	<p>1. Presented “OMICS International Conference” for presenting the Oral entitled “Validated RP-HPLC method development for the simultaneous estimation of lisinopril and hydrochlorthiazide in bulk and pharmaceutical dosage form at the “8th Indo Global Summit & Expo on Vaccines, Therapeutics & Healthcare”</p> <p>2. “National Workshop on Research Methodology, Innovative Teaching Methods & Communication Skills”</p>	Hyderabad Shri JJT University, Jhunjhunu	November 02-04, 2015. 14 th November to 16 th November 2015.
7	Dibyalochan Mohanty	<p>1.Participated in “OMICS International Conference” for presenting the Poster Presentation at the “8th Indo Global Summit & Expo on Vaccines, Therapeutics & Healthcare”</p> <p>2. “National Workshop on Research Methodology, Innovative Teaching Methods & Communication Skills”</p> <p>3.Poster Presentation in One-Day National Symposium</p>	Hyderabad Shri JJT University, Jhunjhunu Gurunanak Institutions Hyderabad	November 02-04, 2015 14 th November to 16 th November 2015. 2 nd April, 2016.
8	S. Harshini	Participated in “OMICS International Conference” for presenting the Poster Presentation at the “8 th Indo Global Summit & Expo on Vaccines, Therapeutics & Healthcare”	Hyderabad	November 02-04, 2015

9	Dr. A. Madhu Babu	<ol style="list-style-type: none"> 1. Participated in “OMICS International Conference” at the “8th Indo Global Summit & Expo on Vaccines, Therapeutics & Healthcare” 2. Participated in Academics World International Conference on “Nanoscience, Nanotechnology and Advance Materials (IC2NM)” 	<p>Hyderabad</p> <p>Boston, USA</p>	<p>November 02-04, 2015</p> <p>28th January, 2016.</p>
10	P. Naveen	Participated in “OMICS International Conference” at the “8 th Indo Global Summit & Expo on Vaccines, Therapeutics & Healthcare”	Hyderabad	November 02-04, 2015
11	B. Jainendra Kumar	Oral Presentation entitled “Anti-Emetic Activity of Leonatis Nepetifolia Leaves” in Two-Days National conference on “Transpiring Novelty and Hi-Tech Knowledge in Advanced Research in Pharmaceutical Sciences,	Teegala Krishna Reddy College of Pharmacy, HYDERABAD.	December 29 & 30 th 2015
12	S.Swapna	1. Paper Presentation entitled “Formulation & Evaluation of Venvafaxine Hydrochloride by direct compression method” in Two-Days National conference on “Transpiring Novelty and Hi-Tech Knowledge in Advanced Research in Pharmaceutical Sciences,	Teegala Krishna Reddy College of Pharmacy, HYDERABAD.	December 29 & 30 th 2015
13	K.Lalitha Jyotsna	1.Paper Presentation entitled “Molecular Modelling of Phentoamine for Cardiovascular disease” in Two-Days National conference on “Transpiring Novelty and Hi-Tech Knowledge in Advanced Research in Pharmaceutical Sciences,	Teegala Krishna Reddy College of Pharmacy, HYDERABAD	December 29 & 30 th 2015
14	S.K.Madhavi Harika	Paper Presentation entitled “Formulation and Evaluation of Proniocomol Powder of Candesartan Cilexetil” in Two-Days National Symposium on “Challenges and Opportunities of Pharmaceutical Research in Education and Industry”	TSCHE , JNTUH. Hyderabad.	11 th & 12 March, 2016,

18. Faculty as members in

- a) National committees : NIL
 b) International Committees
 c) Editorial Boards

Student projects

a) Percentage of students who have : B.Pharm-100%
 Done in-house projects including M.Pharm-80%
 Inter departmental/programme

b) Percentage of students placed for : M.Pharm-20%
 projects in organizations outside
 the institution i.e. in Research
 laboratories /Industry/ other agencies

19. Awards / recognitions received at the national and international level Faculty

S.No	Name of the Faculty member	Awards / Recognition	Date
1.	Dr. B. Vasudha	Indian Patent filed with title "Pharmaceutical Compositions for the coordinated delivery of Naproxen and Lansoprazole". Application no: 6756/CHE/2014	31st December, 2014.
2.	Dr. B. Vasudha	Indian Patent filed with title "Self Nano Emulsifying Delivery Systems of Lurasidone and Preparations thereof for Oral Administration". Application no: 170/CHE/2015	12th January, 2015.
3.	Rahul Kakalij	Best poster Award for title "Effect of resveratrol and piperine on immune complex glomerulonephritis" in the Two Day 2 nd National conference Reforms and Innovations in Pharmacy Education towards Global Standards (RIPE – 2015) JNTUH Hyderabad.	March 13-14, 2015
4.	B. Hemanth Kumar	Prof. G. Achari Prize at "Indian Pharmacological Society" annual conference for presenting the Oral Presentation entitled "Hesperiden Improves Learning and Memory Outcomes attenuating Oxidative stress and endothelial Dysfunction in Hyper Homocysteinemic Rats".	December 18-20, 2015
5	Lalitha Jyoshna	Best Poster Award in national conference held at Theegala Krishna reddy college of pharmacy	29 th & 30 th dec 2015
6	M.Akiful Haque	Young Scientist award at omics international conference	2015
7	Dibyalochan Mohanty	Best Poster Award at omics international conference	2015

Students:

S.No	Name of the student and Roll Number	Name of the event	Organized by, place of the event	Date of the event	Awards/ Recognition
1	K.Kalyani, (11H6SO306) B.Nagaraj (11H6SO303)	Tech Samparathi 2K13	School of Pharmacy, Nalla Narasimha	2013	1 st Prize

			Reddy Group of Institutions, Hyderabad		
2	Vijaya Krishna K.M (12H61S0308)	DRAVYAKA 2013	4 th National Level Conference held at Geethanjali College of Pharmacy Hyderabad	15 th & 16 th March 2013	2 nd Prize
3	M.Priyanka (12H61S0323)	State Round Final of National Elocution Competition	Vishnu Institute of Pharmaceutical Education & Research, Medak	4 th December, 2013	1 st Prize
4	R.Makara Deepa (256109881002)	B.pharm Topper	Indian Pharmaceutical Association	2013	Prof. M.L.Khorana Medal, 2013, Prof.M.L.Schroff Medal 2013
5	B. Sai Teja (119F1T0010)	Emerging opportunities of Clinical Trials in Hospital Industry – Role of Pharmacist in Ensuring Regulatory Compliance	Malla Reddy Medical College for Women Auditorium, Hyderabad	1 st & 2 nd August 2014	1 st prize
6	Arundhathi (119F1T0012)	Emerging opportunities of Clinical Trials in Hospital Industry – Role of Pharmacist in Ensuring Regulatory Compliance	Malla Reddy Medical College for Women Auditorium, Hyderabad	1 st & 2 nd August 2014	2 nd Prize
7	Deepa Kuamri (13H6IR0016)	Two Day 2 nd National conference Reforms and Innovations in Pharmacy Education towards Global Standards (RIPE – 2015)	Pharmaceutical Sciences, IST, Jawaharlal Nehru Technological University, Hyderabad	13 th & 14 th March 2015	Best Poster

8	N. Bhavya Reddy (12H61R0029)	KHO-KHO	Two Day Inter Engineering Sports Meet for Women	13 th & 14 th March 2015	2 nd Prize
9	Anurag Singh (12H61R0024) MD.Aamiruddin (12H61R0025) M.Niharika (12H61R0026) N.Bhavya Reddy (12H61R0029) P.Sandhya (12H61R0035)	OMICS International Conference” at the “8 th Indo Global Summit & Expo on Vaccines, Therapeutics & Healthcare	8 th Indo Global Summit & Expo	November 02-04, 2015	Best Poster
10	K.Mounica	Two-Days National conference on Transpiring Novelty and Hi-Tech Knowledge in Advanced Research in Pharmaceutical Sciences	Teegala Krishna Reddy College of Pharmacy, Hyderabad	December 29 & 30 th 2015	1 st Prize
11	V.Vaishnavi (13H61R0068) A.Hema (14H61R0006) Sumander (14H61R0003)	National Digital India Programme	NSS Cell JNTUH Hyderabad	20-09-2016	1 st Prize

21. Seminars/ Conferences/Workshops Organized and the Source of Funding (National/ International) with Details of Outstanding Participants, If any.

National : 04
International : 03

Year	Seminar/ conferences/workshop	Source of funding
2016-International workshop	Pharmaco vigilance & Drug Safety	Anurag Group of Institution, Ghatkaser, R.R (D)
2016 National conference	Recent Advancements in Nanoscale Particles and Colloids in Pharmaceutical Sciences	Anurag group of institution and Department of Science & Technology (DST-SERB), New Delhi
2015 National conference	Paving way for advances in Pharmaceutical Sciences at Anurag Group of Institutions, Hyderabad	Anurag Group of Institutions Ghatkaser, R.R (D)
2014 International	International on Embracing the innovation	Anurag Group of Institutions,

Conference	and Up gradation of Technologies in Pharmaceutical sciences	Ghatkaser, R.R (D)
2013 National Conference	Readdressing Research in Pharmaceutical Sciences:A Global Perspective	Anurag Group of Institutions, Ghatkaser, R.R (D)
2011 National Workshop & seminar	Readdressing thoughts on Animal care and Handling as per CPCSEA guidelines	Anurag Group of Institutions, Ghatkaser, R.R (D)
2011 International Conference	Imbibing Pharmaceutical Knowledge to the Professionals	Anurag Group of Institutions, Ghatkaser, R.R (D)

22. Student Profile Course-wise

Name of the Course (refer question no.2)	Batch	Application Received	Selected		Percentage	
			Male	Female	Male	Female
UG	2012-16	Since the application are processed by the state council of higher education of the Telangana State government. Number of applications Received does not applicable. But 100% seats are filled.	30	60	36.67%	76.67%
	2013-17		22	49		
	2014-18		30	60		
	2015-19		29	58		
	2016-20		34	51		
PG	2012-14		52	70	96.15%	100%
	2013-15		19	36	100%	100%
	2014-16		6	8		
	2015-17		2	7		
	2016-18		-	-	-	-

Diversity of Students

Name of the Course (refer question no. 2)	Batch	% of students from the college	% of students from the state	% of students from other States	% of students from other countries
UG	2012-2016	-	100	-	-
	2013-2017	-	100	-	-
	2014-2018	-	100	-	-
PG	2015-2019	-	100	-	-
	2016-2020	-	100	-	-
	2012-2014	-	100	-	-
	2013-15	-	100	-	-
	2014-16	-	100	-	-
	2015-17	-	100	-	-
	2016-18	-	-	-	-

23. How many students have cleared national and state competitive examinations such as NET, SLET,GATE, Civil services, Defense services, etc.? - Nil

24. Students Progression

Students Progression		Percentage Against Enrolled			
		2009-13	2010-14	2011-15	2012-16
UG to PG		80%	75%	67%	60%
PG to M.Phil		Nil	Nil	Nil	Nil
PG to Ph.D		0.05%	Nil	Nil	Nil
Ph.D. to Post Doctoral		Nil	Nil	Nil	Nil
Employed: Campus selection	UG		15%	37%	
	PG		6.5%	14.5%	
Employed: other than campus recruitments	UG	45%	8%	14%	13%
	PG	60%	7%	16%	60%
Entrepreneurs		9%	4%	2%	-

25. Diversity of Staff

Percentage of faculty who are graduates	UG	PG	Ph.D
Of the same parent university	34.61%	42.8%	16.6%
From other universities within the state	40.8%	28.5%	66.6%
From other universities from other states	24.4%	28.5%	6.6%

26. Number of faculty who were awarded

Ph.D., D. Sc. and D. Litt. degree during The Assessment Periods

S.No	Name of the Faculty	Awarded	University	Year
1	Dr. Vasudha Bakshi	Ph.D	SNDT	2009
2	Dr. G. Kiran	Ph.D	JNTUH	2015
3	Dr. M. RamMohan	Ph.D	Andhra University	2015
4	Dr. Madhu Babu	Ph.D	Nagarjuna University	2014

27. Present details about Infrastructural Facilities

S.No	Name of the infrastructure facility	Quantities/ Details
1	Library	No of Volumes:8887 No of Titles:1195 No of Project reports: Course Wise: Pharmaceutics:249 Pharmacology:139 Pharmaceutical Analysis:139

		Non book materials: (including CDs E-books) Digital Library facility with 3 systems to enable the students to survey literature.
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S.No.	Name of the Infrastructural Facility	Quantity / Details
1	Internet facilities for faculty and students	The entire faculty has Internet facility with a speed of 100Mbps. The department has 3 printers, one Xerox machine, 55 computers with internet facility in 5 different laboratories and faculty cabins for the benefit of faculty and students. In addition, Wi-Fi connectivity is available throughout the campus.
2	Total number of Class rooms	13 Class rooms, and 1 Seminar hall
3	Students laboratories	Industrial Pharmacy Lab Animal House Dispensing pharmacy lab Microbiology and biotechnology lab Pharmaceutical Inorganic chemistry lab Pharmaceutical Organic chemistry lab Pharmaceutical Biochemistry Lab Human anatomy and Physiology Lab Pharmacognosy Lab Advanced Drug Delivery Systems Lab Pharmaceutical Analysis Lab Pharmacology Lab Pharmaceutical unit operations Lab
4	Research laboratories	Animal House Pharmaceutics Lab Industrial Pharmacy Lab Central Instrumentation Lab Pharmacology Lab Neuroscience Lab Machine Room

28. Number of students receiving financial :

Assistance from college

Year Financial Assistance Received From Government	No. Of Students
2012-2016	Nil
2011-2015	Nil

29. Was any need Assessment Exercise undertaken before the Development of New Program(s)? If so, Give the Methodology.

Yes, when the college plans to introduce a new program, a separate assessment committee is constituted to survey the industry needs, number of colleges offering the program in the state and employment prospects for the program. Based on the suggestions of the committee the proposal for introduction of new course is submitted to the AICTE and JNTUH. The Governing Council approves the introduction of the new program. The college introduces the new program after obtaining approval from the statutory bodies.

30. Does the Department obtain Feedback from

a. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize it?

Yes, the Department obtains feedback from the faculty on curriculum and discusses it in the department faculty meetings. The necessary improvements that are suggested in the curriculum and syllabi are put forward in the Bos. The BoS discusses these recommendations suggested by the faculty for the approval. Faculty also gives self-evaluation about the teaching-learning, evaluation and this is used for the faculty performance appraisal and for making improvements in the teaching learning process.

b. Students on staff, curriculum as well as teaching-learning-evaluation and what is the response of the department to the same?

Feedback on Staff: Students' feedback or the faculty is obtained twice in a semester. Corrective measures are initiated based on the feedback.

Feedback on Curriculum: Feedback on the curriculum is analyzed by the department and includes as an item in agenda in Board of Studies.

Feedback on Teaching-Learning-Evaluation: Feedback from students on teaching – learning-evaluation is also discussed.

c. Alumni and employers on the programmes and what is the response of the department to the same?

Feedback is obtained from the alumni and employers about the effectiveness of the programmes in terms of attainment of Program Outcome (POs) and Programme Educational Objectives (PEOs) to quantify the attainment and to make necessary improvements in the programmes.

31. List Of Distinguished Alumni Of The Department

Passed out Students Details

S.No	Name of the Student	Course	Batch	Presently Working
1	SHIVA CHANDRA	B.PHARMACY	2011-2015	DAYNO Pharmaceuticals
2	PRUDVI RAJ	M.PHARMACY	2012-2016	Synowledge India Pvt. Ltd. (Bioclinica)
3	SUSHMA	M.PHARMACY	2012-2016	Cognizant
4	A.ASHISH	M.PHARMACY	2011-2015	Hetero Labs
5	A.NARESH	M.PHARMACY	2011-2015	Hetero Labs
6	SHYAM PRASAD	M.PHARMACY	2011-2015	Hetero Labs
7	SATYANADH	M.PHARMACY	2011-2015	Hetero Labs
8	SIREESHA	M.PHARMACY	2011-2015	Aizant Drug Research Solutions Pvt. Ltd.
9	N.SOUJANYA	M.PHARMACY	2011-2015	GVK Biosciences
10	SRAVANI	M.PHARMACY	2011-2015	GVK Biosciences

32. Give details of Student Enrichment Programmes (Special Lectures / Workshops / Seminar) with External Experts

2014- 2015

S.No	Seminar/ Workshop/ Special Lecture	Title of the Programme	Name & Designation of External Experts	Date of the Programme
1	National Conference	Paving Way for Advances in Pharmaceutical Scie	Prof. Sumanth Kapoor, Dr. V. Prabhakar Reddy	27 th & 28 th February 2015
2.	Seminar	How to be Successful in Life	Dr. V. Brahma Reddy, Social Activist	4 th September 2015
3	Special Lecture	Spices, Herbs, Extract and Technopreneurship– A Presentation for Job Providers	Mr. Francis Kunjumin	9 th September 2015.
4	Guest Lecture	Role of Pharmacist “and another	M. Venkat Reddy , Lecture by	26 th September 2015
5	Guest Lecture	Pharmaco vigilance	Shakti Ranjan Rath	26 th September 2015
6	Seminar	Responsible Use of Medicines: Role of Pharmacist	Speaker-Shakthi Ranjan Rath	on 21 st November 2015
7	Guest Lecture	General Pharmacy dated on	Mr.Dr.Naidu, NIPER	19 th December 2015.

2015-16				
8	Guest Lecture	Pharmacovizilence dated	Dr.Abedulla Khan, (Sulthan Ullan College)	07 th January, 2016.
9	Guest Lecture	Carrier Opportunities in Pharmacy” dated on	Dr.Someshwar, (KP Labs)	23 rd January, 2016.
10	National Conference	Recent Advancements In Nanoscale Particles And Colloids In Pharmaceutical Sciences” (Ranps-2016)	Dr.K.P.Singh, Dr.R.S.Rathore, Dr.Aditya Narayan Singh	26 th & 27 th Feb 2016

33. List the Teaching Methods adopted by the Faculty for Different Programmes

- Chalk and Board
 - Lecture with Demonstration (Models) Lecture with Power point Presentation Lecture with Lab Support
 - Lecture with Tutorial Support Mind Map
 - Click Learning
 - Active Learning (Think/Pair/Share) Problem Based Learning
 - Group Assignment Group Discussion Case Study
 - Role Play
 - Project Based Learning Activity Based Learning Seminar
 - Assignment
1. *Information and Communication Technologies enabled flexible teaching system: Access to E-classrooms, E-journals and educational software’s- LEXICOMP.*
Simulations: Simulated experiments are conducted as per the curriculum for their animal studies ExPharmpro Elsecier animal stimulator

34. How does the Department Ensure that Programme Objectives are constantly Met and Learning Outcomes Monitored?

The attainment of programme objectives and the learning outcomes are ensured through proper curriculum design. All necessary efforts are taken by the management, principal and faculty to provide good academic support for the students of the institution and learning is the primary objective of institution. The syllabus of UG & PG Course clearly states the learning objective of each specific programme. There is regular meeting for the faculty by principal for the analysis of the performance and result. The percentage of student’s performance in theory as well as practical examinations is discussed and necessary measures

to be taken for their success are discussed. The College is committed in creating an environment where students are supported with teaching, learning assessment strategies from the first year, till the student completes his graduation programme in the institution.

35. Highlight the Participation of Students and Faculty in Extension Activities.

Serving public through PHCs (Primary Health centres): Blood donation camps, eye check-up camps, harithaharam, medicine distribution, health check-ups in villages

Awareness programs: world pharmacist day, Women's Day, health awareness camp, NSS special camps, NCC camps, yuva bhara voter's awareness camp.

Faculty development programmes by IIT Bombay.

36. Give details of "Beyond Syllabus Scholarly Activities" of the Department.

In addition to the regular working hours, extra hours for guest lecturers, conference's seminars and workshops, soft skill training, pharmaceutical industrial visits, Quiz contests, paper presentation and project exhibitions, are arranged so that pharmacy students they can fill up the areas of research and recent trends beyond the syllabus

37. State whether the Programme/Department is Accredited/Graded by the other Agencies. Give details

- Approved by AICTE, New Delhi.
- Pharmacy is accredited by NBA.
- Permanently Affiliated to JNTU, Hyderabad.
- Pharmacy courses are approved by Pharmacy Council of India (PCI).

38. Detail any Five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the Department

Strengths:

- Department has qualified, dedicated, work hard and experienced faculty.
- Department has well-structured & equipped laboratories with sophisticated equipment's
- Practical exposure through industrial visits and training.
- Department has facilities for various research activities.
- Adequate availability of lab chemicals in central drug laboratory.

Weaknesses

- Still Inadequate industry academic interface

- Collaboration with national agencies and industries as resource of funding for research activities need to be improved
- Inadequate number of patents
- Inadequate number of professors
- Need to be improving E-Learning based teaching

Opportunities

- To encourage academic collaborations with other institutions
- To encourage more research projects
- MOUs with industries.
- Research grants
- Consultancy based on laboratory facilities.

Challenges:

- Creating more Industry Institute linkages
- Development of skills in Students.
- Maintain academic quality.
- Need based education.
- Impart non-technical skills.

39. Future plans of the department.

- Development of center of excellence in various research fields.
- MOUs with research organization, pharmaceutical industries and foreign universities.
- To obtain research grant from national and international funding bodies.
- To excel and obtain consistency in overall academic and extracurricular performance of the students.

Evaluative Report of MBA Department

1. Name of the Department & its year of Establishment:

Name of the Department: MBA

Year of Establishment: 2006

2. Names of Programmes / Courses offered: MBA (PG, UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)

S. No.	Names of Programmes Offered	Remarks(UG, PG, PhD)
1	Master of Business Administration (MBA)	PG

3. Interdisciplinary courses and departments involved:

S.No.	Course Name	Name of the Department offering the Course
Theory Courses		
1	Research Methodology & Statistical Analysis (RMSA)	Mathematics
2	Quantitative Analysis for Business Decision Making (QABD)	Mathematics
Practical Courses		
3	Business Communication and Soft Skills (BCSS)	English

**4. Annual/Semester/Choice Based Credit System (programme wise):
Semester System-Choice Based Credit System**

5. Participation of the department in the courses offered by other departments:

S.No.	Course Name	Department
1	Managerial Economics and Financial Analysis(MEFA)	Mechanical, EEE, Civil
2	Management Science and Financial Analysis (MSFA)	ECE
3	Human Values & Professional Ethics (HVPE)	ECE
4	Intellectual Property Rights (IPR)	EEE, IT
5	Management Science (MS)	EEE, Civil, IT, Chemical
6	Gender Sensitization (GS)	All Engineering Departments

6. Number of Teaching posts:

Teaching Posts	Sanctioned	Filled
Professors	0	0
Associate Professors	4	4
Assistant Professors	16	16

7. Faculty Profile with Name, Qualification, Designation, Specialization, (D.Sc./D.Litt./Ph.D./M.Phil. etc.,)

S. No	Name	Qualification	Designation	Specialization	No. of Years of Experience	No. P.hd Students guided for the last four years
1	Dr. G. Sabitha	Ph.D., M.Phil, MBA, NET, SET	Associate Professor	Finance	14	NIL
2	Dr. K. Mamatha	Ph.D., M.Phil, MBA	Associate Professor	Human Resource	12	NIL
3	Ms. V. Vishnu Vandana	MBA, M.Phil, NET, SET (Ph.D)	Associate Professor	Marketing	14	NIL
4	Ms. M. Prasanthi	MBA, (Ph.D)	Associate Professor	Marketing	12	NIL
5	Mr. Syed Mansoor Pasha	MBA, (Ph.D)	Assistant Professor	Human Resource & Marketing	9	NIL
6	Ms. Ch. Siva Priya	MBA	Assistant Professor	Finance	8	NIL
7	Ms. C. Supriya	MBA, M.Phil	Assistant Professor	Human Resource	9	NIL
8	Ms. P. Kalpana	MBA, M.com	Assistant Professor	Finance & Human Resource	10	NIL
9	MS. G. Sreevani	MBA	Assistant Professor	Human Resource	7	NIL
10	MS. Seema Nazneen	MBA, M.com (Ph.D)	Assistant Professor	Finance	10	NIL
11	Ms. R. Devi	MBA	Assistant Professor	Finance	9	NIL

12	Mr. A. Rambabu	MA, SET	Assistant Professor	Economics	10	NIL
13	Mr. Mallesha. C	MBA, M.com, MCA, (Ph.D)	Assistant Professor	Finance	10	NIL
14	Mr. Y. Srinivas Rao	MBA	Assistant Professor	Marketing	10	NIL
15	Ms. M.Jyothi	MBA	Assistant Professor	Finance	1	NIL
16	Ms. Ch.Srujana	MBA	Assistant Professor	Finance	1	NIL
17	Ms. K. Shailaja	MBA	Assistant Professor	Marketing	-	NIL
18	Mr. R. Ranjith	MBA	Assistant Professor	Marketing & Finance	-	NIL
19	Mr. A. Srikanth	MBA	Assistant Professor	Marketing & Finance	-	NIL
20	Mr. C. Praveen Kumar	MBA	Assistant Professor	Marketing & Finance	-	NIL

8. Percentage of classes taken by temporary faculty – programme-wise information: Nil

9. Programme-wise Student Teacher Ratio: 1: 15

10. Number of academic support staff (technical) and administrative staff:

Support Staff (Technical) and Administrative Staff	Sanctioned	Filled
Academic Officer	1	1
Technical Officer	1	1

11. Number of faculty with ongoing projects from a) National b) International Funding Agencies and c) Total Grants received. Mention names of funding agencies and grants received project-wise.

Projects	Funding Agency	National/ International	Total Grants Received
Minor Project on “Critical Attributes of Female Consumer Personality Styles – Implications to AdvertiserAnd Retailers”	UGC	National	0.80. Lakhs

12. Departmental Projects funded by DST-FIST; DBT, ICSSR etc., Total Grants received: NIL

13. Research Facility / Centre with

1. The department has well equipped laboratory. Mrs. V. Vishnu Vandana, Associate Professor, who got Minor Research Project from UGC is doing her project and other faculty members who have registered for their Ph.D are also working on their research work.
2. All faculty members using the research facility for publishing the research papers.
3. We have applied for research centre under JNTUH and the application is still pending for various administrative and other reasons.

14. Publications
Number of papers published in peer reviewed journals (national / International):

S.No.	Year	Papers Published by the faculty in International / National Journals	Papers published by the faculty in International / National Conferences
1	2012-13	5	5
2	2013-14	0	3
3	2014-15	2	6
4	2015-16	6	9
	Total	13	23

- | | |
|----------------------------------|----------------------------------|
| 1 Citation Index- Range/ average | Range: 0-4 |
| 2 Impact Factor- Range/ average | Range:0.2 to 1.4
Average: 0.8 |
| 3 h- index | 0-2 |

Details of Faculty Publications in Journals for the academic year 2012-13

S.No	Author	Title of the paper	Name of the Journal	Volume no; Issue No; Pages; Year of Publication; ISSN number
1	Dr. G. Sabitha	The Role of FDI in Indian Banking Sector: Country Wise Analysis	ASM's International e- Journal of Ongoing Research in Management and IT	INCON13-FIN-048, Pg. 1-6, e-ISSN-2320-0065
2+	Dr. G. Sabitha	Stock Market volatility- A Comparative study of BSE and NSE	Sreenidhi Journal of Management	Volume II, Number 1, Pg. 18-26, January-June, 2013, ISSN 2278-2354

3	V. Vishnu Vandana	Indian Outward Foreign Direct Investment – Determinants & Challenges	RBVRR Journal of Management	Vol. I, Issue I, March 2013, ISSN No 2320 8732
4	C. Mallesha	A Study on Employee Welfare Measures at NTPC, Ramagundam	Sreenidhi Journal of Management	Vol.1,Pg. 61-70, SNIST Publishers
5	Seema Nazneen	Impact of inflation on Indian Economy	IJFM, SSM Educational & Research Foundation	Vol-6, Issue-2, Pg:96-100, ISSN: 2319-1406

Details of Faculty Publications in Journals for the academic year 2014-15:

S. No	Author	Title of the paper	Name of the Journal	Volume no; Issue No; Pages; Year of Publication; ISSN number
1	C. Mallesha	Internet Banking Frauds In India – An Analysis	International Journal of Business Quantitative Economics and Applied Management Research	Vol.- II,Pg.no.281-289, ISSN:2349-5677
2	Syed Mansoor Pasha and Mrs. Seema Nazneen	E-Tailing in India-Growth, Challenges and Opportunities	International Journal in Management and Social Sciences(IJMSS)	Vol-3,Issue-02,Pg no.-47-55, ISSN-23211784

Details of Faculty Publications in Journals for the academic year 2015-16:

S.No	Author	Title of the paper	Name of the Journal	Volume no; Issue No; Pages; Year of Publication; ISSN number
1	Dr. G. Sabitha	A study on Working of Investments in Derivatives Market	International Journal of Research Excellence in Management (IJREM)	Vol-3; Issue-4, Pg 222- 230, 2016, ISSN: 2278-7089.
2	Dr. G. Sabitha	A Study on Micro Finance in Selected Villages of Ranga Reddy District of Telangana State	International Journal of Innovative Technology and Research (IJITR)	Volume No.4 Issue No. 2, Pg.2800-2808, March 2016, ISSN: 2320-5547
3	Dr. G. Sabitha	Evolution of IT in India- Creating Business Confidence in the minds of young generation	MTC Global Journal of Management and Entrepreneurship	Vol. 4, Issue 9, Apr- Jun 2016, Pg. 62-37, ISSN: 2231-3710
4	V. Vishnu Vandana	A study on impact of demographics on consumer television viewing time	International Journal of Business Quantitative Economics and Applied Management Research	Special Issue, ICCENT 2015 December, ISSN 2349-5677,
5	M. Prasanthi,	A Study on E Development of Paperless Management	International Journal of Business Analytics and Research (IJBARR)	Vol III, Issue-14, Impact Factor:3.853, SLAA Publications PVT LTD
6	Syed Mansoor Pasha	Inspiring Leadership Through Emotional Intelligence	International Research Journal of Engineering and Technology (IRJET)	Vol-3, Issue-06, Pg no.-1699-1703, Impact factor-4.45, e-ISSN:2395 -0056

Details of Faculty Publications at the Conferences for the academic year 2012-13:

S. No	Author	Title of the paper	Title of the Book, Editors	Pages, Year of Publication, Publishers
1	Dr. G. Sabitha	The Role of FDI in Indian Insurance Sector- Company wise Analysis	FDI in Service Sector Opportunities & Challenges, K. R. Iqbq Ahmed, Saneem Fatima and M. A. Azeem,	Pg. 441-449, 2012, ISBN: 978-93-82163-31-2, Bloomsburg Publishers
2	Ch. Shivapriya	Policies & Procedures Governing FDI	Foreign Direct Investment in India	Pg No:65, 2013, ISBN:978-93-82163-09-1, Paramount Publishing
3	R. Devi	An-over view of IFRS and the problems faced	Global crisis Management- Challenges and Opportunities	Pg.N. 164-167, ISBN:978-81-922-983-9-1, SNIST
4	Syed Mansoor Pasha	Strategies for Business Excellence in Rural Areas	International Conference on Strategies for Business Excellence: Challenges and Opportunities, MRCET	Pg.no-129-131, ISBN-9788192278346, First Edition
5	Syed Mansoor Pasha	Competency Management- An Overview, (Under TEQIP-II)	Global Crisis Management- Challenges and Opportunities	Pg.187-192, ISBN: 978-81-922-783-9-1, SNIST Publishing

Details of Faculty Publications at the Conferences for the academic year 2013-14:

S.No	Author	Title of the paper	Title of the Book, Editors	Pages, Year of Publication, Publishers
1	Dr. G. Sabitha	Impact of Exchange Rate on Foreign Exchange Reserves of Indian Banking Industry	Contemporary Challenges for The Indian Banking Sector	Pg 315-322, 2013, ISBN: 978-93-82563-30-3, Bloomsburg Publishers
2	Dr. G. Sabitha	Impact of Exchange Rate on Commodity Prices	A Linkage Between REER and the selected commodity prices, (Under TEQIP-II)	Pg.168-179, 2013, ISBN: 978-81-922-783-9-1, SNIST Publishing
3	Dr. G. Sabitha	Global Influence of Currency on Investors	Competency Building Strategies For Sustainable Development In Teaching And Research	Pg. 82-86, 2013, ISBN:978-93-83038-091,

Details of Faculty Publications at the Conferences for the academic year 2014-15:

S. No	Author	Title of the paper	Title of the Book, Editors	Pages, Year of Publication, Publishers
1	Dr. G. Sabitha	Foreign Direct Investment in India: Issues and Challenges- A Comparative Study	Foreign Direct Investment in India: Issues and Challenges, Prof. Renuka Sagar and Mrs. P. Vijaya	Pg. No.97-101, ISBN: 978-93-82163-09-1, Paramount
2	Dr. G. Sabitha	Foreign Direct Investment: Effects on Growth and Metropolitan cities	Strategic Implications of FDI in Retailing, Dr. P. Varalaxmi	Pg. No. 56-62, ISBN: 978-93-5097-349-3, Himalaya Publishers

3	Dr. G. Sabitha	Impact of CSR and sustainability in society to make difference	Dr. G. Sabitha and Syed Mansoor Pasha, Innovative Management Applications in Global Context	Pg. No.139-143, ISBN:978-93-8303-823-7, Siri Publishers
4	Mr. Syed Mansoor Pasha	HRM Practices and Challenges in Indian Banking Sector	Strategies for Business Excellence: Challenges and Opportunities(ICSBE -14), MRCET	Pg.No-167-170, ISBN-9789383038299, Malla Reddy Group
5	Mr. Syed Mansoor Pasha	Performance Management- Impact on Organizational Success	Innovative Management Applications in Global Context	Pg.No. 144-150, ISBN:978-93-8303-823-7, Siri Publishers
6	Ms. M. Prasanthi	Inbound Marketing- Exploiting the untapped Potential of Social Media	International conference on Strategies for business excellence	Pg. No. 159-163, ISBN: 978-93-83038-29-9

Details of Faculty Publications at the Conferences for the academic year 2015-16:

S. No	Author	Title of the paper	Title of the Book, Editors	Pages, Year of Publication, Publishers
1	Dr. G. Sabitha	A study on Corporate Social Responsibility- A strategy for corporate success	Transformation for Business Sustainability: Issues and strategies	Pg. 19, ISBN No: 978-93-85477-56-0, Bonfering Publications
2	Dr. G. Sabitha	Women Empowerment Through Micro Finance	Recent Trends in Business, Management & Tourism	Vol V, Pg. 162-165, ISBN 978-1-944820-14-5, Bonfering Publications
3	Dr. G. Sabitha	Entrepreneurship as a Field of Business Study: Synergies and Topical Relevance	Next Generation Education for Entrepreneurial Engineers	Pg. 77-80, ISBN 978-93-85477-76-8, Bonfering Publications
4	Ch. Sivapriya	Financial Inclusion	Strategies for Business Excellence Challenges & Opportunities	Pg No:194-197, ISBN 9789383038299, Fine Expressions
5	C. Supriya	HR issues and Challenges	Strategies for Business Excellence	Pg No:171-176, 978-93-83038-29-9 18, Fine

				Expressions
6	R. Devi	Mergers and acquisitions in Indian Banking Sector Regulatory Issues and Challenges	International Conference on Financial Expedition towards growth and sustainability	Pg.NO 519-522, ISBN:978-93-85100-05-5, Paramount Publishing House
7	R. Devi	A study on Equity Market by Using Technical Analysis with respect to TATA Motors Ltd	Contemporary Issues in Marketing Finance HR & IT	Pg. No. 289-294, ISBN: 978-93-85506-01-07, Professional Books Publishers
8	R. Devi	A study on business excellence towards finance	Strategies for Business Excellence-Challenges and Opportunities	Pg. No. 212-214, ISBN 978-93-83038-29-9, Fine Expressions
9	M. Prasanthi	Social media- an E promotional tool for tourism industry	International Conference on Strategies for Business Excellence	Pg.No. 39-48, ISBN: 978-93-83038-42-8

- **Chapters in Books:** Nil

- **Edited Books:**

S. No	Year	Title	Editors	Publishers
1	2013-14	Competency Building Strategies for Sustainable Development In Teaching & Research	Dr. G. Sabitha, M. Prashanthi	Siri Publications, Hyderabad
2	2014-15	Innovative Management Applications in Global Context	Dr. G. Sabitha, Syed Mansoor Pasha	Siri Publications, Hyderabad

- **SJR:** NIL

- **Impact Factor Range/ Average:**

S.No	Year	Impact Factor Range	No. of Publications
1	2014-15	3-5	2
2	2015-16	1-3	1
3	2015-16	3-5	1
	Total		4

Impact Factor Range in the Academic Year 2014-15:

S.No	Author	Title of the paper	Name of the Journal	Volume no; Issue No; Pages; Year of Publication; ISSN number	Impact Factor	Impact Factor range
1	Dr. G. Sabitha	Teamwork : Management Skill for a Success	The International Journal Research Publication's Research Journal of Economics & Business	Pg. No. 47-54, ISSN: 2251 1555	3.203	3-5
2	Syed Mansoor Pasha and Mrs. Seema Nazneen	E-Tailing in India- Growth, Challenges and Opportunities	International Journal in Management and Social Sciences(IJ MSS)	Pg No.-47-55, Vol-3, Issue-02, ISSN-23211784	3.2	3-5

Impact Factor Range in the Academic Year 2015-16:

S.No	Author	Title of the paper	Name of the journal	Volume no; Issue No; Pages; Year of Publication; ISSN number	Impact Factor	Impact Factor range
1	Dr. G. Sabitha	A Study on Micro Finance in Selected Villages of Ranga Reddy District of Telangana State	International Journal of Innovative Technology and Research (IJITR)	Pg.2800-2808, Volume No.4 Issue No. 2, March 2016, ISSN: 2320-5547	1.36	1-3
2	Syed Mansoor Pasha	Inspiring Leadership Through Emotional Intelligence	International Research Journal of Engineering and Technology (IRJET)	Pg no.-1699-1703, Vol-3, Issue-06, e-ISSN:2395 - 0056	4.45	3-5

15. Details of patents and income generated: NIL

16. Areas of consultancy and income generated: NIL

17. Faculty Recharging Strategies:

S. No	Types of Recharging Strategies	2012-13	2013-14	2014-15	2015-16	2016 till date
1	FDP	1	5	4	2	2
2	Conferences	3	3	2	5	0
3	Workshops/ Seminars	3	4	0	0	0
4	Certification Programs	0	0	0	0	0
	Total	7	12	6	7	2

List of the Programs:

S. No	Name of the Faculty	Event attended and on	Organized by, Venue, Place	Date
1	Dr. G. Sabitha	Workshop on " Entrepreneurship Development"	NSCIC, Technical Service Centre, The National Small Industries Corporation Limited, Hyderabad	18 th October , 2012
2	Dr. G. Sabitha	National Seminar on "FDI in Service Sector- Opportunities and Challenges"	Maulana Azad National Urdu University, Gachibowli, Hyderabad	22 nd -23 rd May, 2012
3	Dr. G. Sabitha	International Conference on "Contemporary challenges of Indian Banking Sector"	Institute of Public Enterprise, Osmania University, Hyderabad	4 th -5 th October, 2012
4	V. Vishnu Vandana	Staff Developing Program on "Developing Research Skills in Management Scholars"	Gokaraju Rangaraju College of Engineering and Technology, Hyderabad	2 nd -16 th May, 2012
5	V. Vishnu Vandana	International Conference on "Paradigm shift in Innovative Business Management"	Vishisht Institute of Professional Studies and Research, Indore, Madhya Pradesh	1 st December, 2012
6	V. Vishnu Vandana	Two day National Seminar on "FDI in India- Issues and Challenges	RBVRR Womens College, Narayana Guda, Hyderabad	25 th -26 th March, 2013
7	Dr. G. Sabitha	Two day National Seminar on "FDI in India, Issues and Challenges	Raja Bahadur Venkata Ramana Reddy Womens Collee, Narayana Guda, Hyderabad	25 th - 26 th March, 2013

8	Dr. G. Sabitha	One Day National Conference on Competency Building Strategies for sustainable development in Teaching and Research"	Anurag Group of Institutions, Hyderabad	30 th October, 2013
9	Dr. G. Sabitha	FDP on "Accounting and Auditing Standards"	Aurora's Degree and PG College	28 th September, 2013
10	Dr. G. Sabitha	FDP on "Innovative Teaching Methodologies in Management Education"	Anurag Group of Institutions, Hyderabad	21 st September, 2013
11	V. Vishnu Vandana	Two day workshop on "Research Methodologies"	St. Peter's Engineering College, Hyderabad	3 rd -4 th December, 2013
12	V. Vishnu Vandana	One day Seminar on "Emerging Trends in Approaches to Total Quality Management"	Department of Business Management, David Memorial, Hyderabad	19 th October, 2013
13	R. Devi	One Day National Conference on Competency Building Strategies for sustainable development in Teaching and Research"	Anurag Group of Institutions, Hyderabad	30 th October, 2013
14	R. Devi	FDP on "Innovative Teaching Methodologies in Management Education"	Anurag Group of Institutions, Hyderabad	21 st September, 2013
15	V. Vishnu Vandana	One Day National Conference on Competency Building Strategies for sustainable development in Teaching and Research"	Anurag Group of Institutions, Hyderabad	30 th October, 2013
16	V. Vishnu Vandana	FDP on "Innovative Teaching Methodologies in Management Education"	Anurag Group of Institutions, Hyderabad	21 st September, 2013
17	R. Devi	National Seminar on "Changing Contours and Contemporary issues in Accounting, Banking, Insurance and Finance	Bhavan's Vivekananda, Secunderabad	13 th September, 2013
18	R. Devi	FDP on "Accounting and Auditing Standards"	Aurora's Degree and PG College	28 th September, 2013

19	Dr. G. Sabitha	Seminar on "Total Quality Management- as a way of Life"	A.V. College, Domalguda, Hyderabad	27th September, 2014
20	C. Supriya	FDP on " Effective Teaching Research Methods of Academic Excellence"	A.V. College, Domalguda, Hyderabad	26th -27th December, 2014
21	Dr. G. Sabitha	FDP on "Commodity Market and Futures Trading"	Indian Institute of Plantation Management, Bangalore	16-17th October, 2014
22	C. Supriya	Two-day FDP on "Management Pedagogy"	JNTUH, Hyderabad	11th-12th March, 2015
23	Dr. G. Sabitha	National Conference on "Indian Companies Act 2013"	The Federation of Telangana and Andhra Pradesh Chambers of Commerce and Industry, Hyderabad	7th February, 2015
24	V. Vishnu Vandana	Two Week FDP in "Entrepreneurship"	EDC, OU Building, Hyderabad	2nd -14th February, 2015
25	V. Vishnu Vandana	International Conference on "Transformation Engineering Education"	BMS College of Engineering and Indo US Collaboration for Engineering Education	6th - 8th January, 2015
26	Ch. Siva Priya	FDP on " Effective Teaching Research Methods of Academic Excellence"	A.V. College, Domalguda, Hyderabad	14 th July, 2015
27	Dr. G. Sabitha	Sankalp-2015, 5th Global Annual Convention	MTC Global, Bangalore	24 th -25 th February, 2016
28	Dr. G. Sabitha	International Conference on Big Data Analytics	Siva Sivani Institute of Management, Hyderabad	26 th September, 2015
29	M. Prashanthi	National Conference on Tourism Marketing and its role in Indian economy	Department of Business Management, VikramaSimhapuri University,	11 th -12 th March 2015
30	Dr. G. Sabitha	International Conference on Digital Busines: New frontiers in Management,	IFIM Business School, Electronic city, Bangalore	4 th -6 th February, 2016
31	Dr. G. Sabitha	9th Central Management India Conclave, 2016 on "Era of Skill Development Inspire, Innovate and Integrate"	Central Institute of Business Management Research and Development, Nagpur	5 th March, 2016

32	V. Vishnu Vandana	FDC on Kick Starting Entrepreneurial Campus	Vasavi Engineering College, Hyderabad	12 th February, 2016
33	Dr. G. Sabitha	International Conference on "Transformation of Business Sustainability-Issues and Strategies"	Kongu Engineering College, Erode, Tamilnadu	26 th -27 th February, 2016
34	A. Rambabu	FDP on "Investment Management in the Global Scenario"	Pragati Mahavidyalaya, Hyderabad	27 th & 28 th September, 2016
35	A. Rambabu	FDP on "Mentor Development Programme"	Bharatiya Yuva Shakti Trust, Hyderabad	27 th & 28 th September, 2016

18. Students projects:

- Percentage of students who have done in-house projects including inter-departmental: 2%
- Percentage of students projects in collaboration with industries/ institutes: 98%

19. Awards/ recognitions received at the National and International level

S.No	Name of the Faculty	Awards/ Recognition	Time Period
1	M. Narender	Provisionally Qualified JRF-UGC Fellowship	June 2012
2	V. Vishnu Vandana	Provisionally Qualified NET	June 2012
3	Dr. G. Sabitha	Provisionally Qualified AP SET	October 2012
4	A. Rambabu	Provisionally Qualified AP SET	October 2012
5	M. Narender	Provisionally Qualified AP SET	October 2012
6	V. Vishnu Vandana	Provisionally Qualified AP SET	October 2012
7	Dr. G. Sabitha	Provisionally Qualified NET	June 2013
8	Dr. G. Sabitha	BOS Member for JNTU(H), Hyderabad	1 Year (2015-16)
9	Dr. G. Sabitha	BOS Member for VJIT, Hyderabad	2 Years (2014-15 to 2015-16)
10	Dr. G. Sabitha	BOS Member for Anurag College of Engineering, Kodad	2 Years (2014-15 to 2015-16)

11	Dr. G. Sabitha	“Distinguished Teacher-Management” Award by MTC Global, A Global Apex Professional Body.	September 2014
12	Dr. G. Sabitha	“Bharath Vidya shiromani Award” by IEM, New Delhi and “Indian Mahila Rattan Gold Medal Award” ISC, New Delhi	February 2014
13	C. Mallesha	Best Programme Officer, State Level NSS Awards	February 2014

• Doctoral / Post Doctoral fellows: **ONE**

- Dr. K. Mamatha has been awarded Doctorate Degree in the month of February, 2012 by Osmania University,
- V. Vishnu Vandana and Seema Nazneen registered for Ph. D with Osmania University in the year 2013.

20. Seminars/ Conferences/ Workshops organized and source of funding (National/ International) with details of outstanding participants, if any;

S.No	Seminars/ Workshops/Conferences	Funding Source	Date	No. of Participants
1	FDP on “ Innovative Teaching Methodologies”	Self	21 st September, 2013	40
2	National Conference on “Competency Building Strategies for Sustainable Development in Teaching & Research”	Self	30 th October, 2013	44
3	FDP on “Challenges ahead of Management Teachers”	Self	23 rd August, 2014	40
4	One day Workshop on "Research Methodologies	Self	23 rd October, 2014	45
5	National Conference on “Innovative Management Applications in Global Context”	Self	12 th December,2014	28

21. Student Profile Course-wise:

Name of the Course (Refer Question	Batch	Applications Received	Selected		Pass %	
		Applications are processed	Male	Female	Male	Female

No 2)		by the University				
PG	2012-14	Not Applicable	46	41	53%	47%
	2013-15	Not Applicable	51	21	71%	29%
	2014-16	Not Applicable	46	30	61%	39%
	2015-17	Not Applicable	41	34	55%	45%

22. Diversity of Students:

Name of the Course (Refer Question No 2)	Batch	% of students from the college	% of students from the state	% of students from other state	% of students from other Countries
PG	2012-14	NIL	100%	NIL	NIL
	2013-15	NIL	100%	NIL	NIL
	2014-16	NIL	97%	3%	NIL
	2015-17	NIL	100%	NIL	Nil

23. How many students have cleared Civil Services, Defense Services, NET, SLET, GATE and any other competitive examinations?

NIL

24. Student Progression:

Student Progression	Percentage Against Enrolled			
UG to PG	Not Applicable			
PG to M. Phil	NIL			
PG to Ph. D	NIL			
Ph. D to Post Doctoral	NIL			
Employed	2012-13	2013-2014	2014-15	2015-16
<input checked="" type="checkbox"/> Campus Selection	10%	90%	15%	40%
<input checked="" type="checkbox"/> Other than Campus Recruitment	90%	10%	85%	50%
Entrepreneurs	Nil	Nil	Nil	10%

25. Diversity of Staff:

Percentage of Faculty who are graduates		PG
Of the same parent university		22%
From other universities within the state		56%
From other universities other state		22%

26. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the Assessment period:

S. No.	Name of the Faculty	Award	University	Year
1	Dr. K. Mamatha	Doctorate in Management	Osmania University	2012

27. Present Details about infrastructure Facilities:

a) Library:

S. No.	Name of the Infrastructure Facility	Quantities/Details
1	Library	No of volumes: 5992
		No of Titles: 689
		No of Project Reports: 197
		Digital Library facility with 4 systems to enable the students to use NPTEL and other online courses

b) Internet facility for staff and students:

S. No.	Name of the Infrastructure Facility	Quantities/Details
2	Internet Facilities for staff and Students	All the faculty rooms have individual computer with internet facility with a speed of 55Mbps The Department has 60 computers With Internet facility in one laboratory and faculty rooms for the benefit of faculty and Students In addition, Wi-Fi connectivity is available throughout the campus
3	Total Number of Classrooms	3 Classrooms & 1 Tutorial Room & 1 Seminar Hall
4	Class rooms with ICT Facility	NIL
5	Students' Laboratories	MS Office Lab SPSS Lab Internet

6	Research Laboratories	NIL
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28. Number of students of the department getting financial assistance from College:

S. No.	Year	Fresh	Renewal	Total
1	2012-13	78	99	177
2	2013-14	63	68	131
3	2014-15	57	44	101
4	2015-16	52	54	106

29. Was any need assessment exercise undertaken before the development of new program(s)? If so, give the methodology:

Yes, When the college plans to a introduce new program, an informal survey on the industrial needs, number of colleges offering the program in the state and employment prospects for the program is carried out. Based on this the College introduces the new program after obtaining approval from the statutory bodies.

30. Does the department obtain Feedback from

a. Faculty on curriculum as well as teaching-learning evaluation? If yes, how does the department utilize it?

Yes, the Department obtains feedback from the faculty on curriculum and discusses it in the department faculty meetings. The necessary modifications that are suggested in the curriculum and syllabi are put forward in the BoS. The BoS discusses these recommendations suggested by the faculty for the approval. Faculty also gives self-evaluation about the teaching-learning-evaluation and this is used for the faculty performance appraisal and for ensuring improvement in the teaching learning process.

b. Students on staff, curriculum as well as teaching-learning-evaluation and what is the response of the department to the same: Discuss with the Faculty to improve the lacking areas with required guidance.

Feedback on Staff: Students' feedback or the faculty is obtained twice in a semester. Corrective measures are initiated based on the feedback.

Feedback on Curriculum: Feedback or the curriculum is analyzed by the department and includes as an item in agenda in Board of Studies.

Feedback on Teaching-Learning-Evaluation: Feedback from students on teaching – learning-evaluation is also discussed.

c. Alumni and Employers on the programs and what is the response of the department to the same?

Feedback is obtained from the alumni and employers about the effectiveness of the programmes in terms of attainment of Program Outcome (POs) and Programme Educational Objectives (PEOs) to quantify the attainment and to make necessary improvements in the programmes.

31. List the distinguished alumni of the department (maximum 10)

S. No	Hall Ticket No	Name of the Student	Company	Location
1	12H61E0010	C.Shalini	Bank of America	Hyderabad
2	12H61E0038	M.Mahendar Reddy	Bank of America	Hyderabad
3	13H61E0025	Kolakaleti Venkateshwarlu	Amazon	Hyderabad
4	13H61E0035	M. Anitha	Amazon	Hyderabad
5	13H61E0049	Ratna Kumari Kunchala	Cognizant	Hyderabad
6	13H61E0067	Vishnu Kumar S Bannakki	Wipro	Hyderabad
7	14H61E0035	Kamal Kishore Bhati	Fact set	Hyderabad
8	14H61E0054	P.Nagamani	Fact set	Hyderabad
9	14H61E0067	Aaradhana Srivatsav	Wells Fargo	Hyderabad
10	14H61E0029	Heena Begum	Amazon	Hyderabad

32. Give details of student enrichment programmes (special lectures/ workshops / seminar) with external experts.

S. No	Seminar/ Workshop/ Guest Lecture	Title of the Program	Name & Designation of the External Experts	Date of the Programme
1	Guest Lecture	Budget – 2012, An Analysis	Prof. K. Nageshwar, Journalism & Mass Communication, OU, Hyd	22 nd March, 2012
2	Seminar	Financial Certifications	Mrs.MadhaviK.Reddy, MD, Madhavi Investment and Financial Services, Hyderabad.	27 th April, 2012
3	Seminar	Career and future Prospects	Mr. Sushanth, BITS Pilani, Hyderabad	6 th September,2012

4	Guest Lecture	Qualities of Good Manager	Prof. Jagan Mohan Reddy, Institute of Public Enterprise, Hyderabad	13 th October, 2012
5	Guest Lecture	Technology and Services	Mr. B. V. N. G. Chandrasekhar, IIM, Bombay.	6 th October, 2012.
6	Guest Lecture	Employability beyond Employment	Mr. M. R. Senapathy, Associate Professor & Co ordinator for placement promotional works at Shiva Sivani Institute of Management, Hyderabad.	2 nd November, 2012
7	Guest Lecture	Body & Mind	Mr. Rama Reddy, an industrialist and founder of RRJ Institute of Spiritual Services, Hyderabad.	3 rd September, 2013
8	Guest Lecture	Leadership and Self Brand Building	Mr. Tirmal Reddy, a soft skills trainer who has 15 years of industry experience and two times gold medalist from Glaxo on Employee Training, Hyderabad.	12 th September 2013
9	Guest Lecture	Certification Courses	Mr. Hari Balachandran- Director, HP, Country Head, India	19 th December 2013
10	Guest Lecture	Investment Awareness	Cost Accountant, A State Government representative on "Investment Awareness", A.P	7 th December, 2013
11	Orientation Program	Skills Development and Campus consulting providing education and Employability	Mr. RohenChhada, from Smart Steps	2 nd July, 2014
12	Guest Lecture	Confidence and Communication for a Great Success	MR. RavindraGajjala, a soft skills trainer at Lifeskill, Hyderabad.	8 th April, 2015
13	Career Guidance Talk	Opportunities in Insurance Sector	Mr. Shashikanth, General Manager, TMI and Mr. Rasool, Project Manager, TMI	1 st July, 2015
14	Guest Lecture	Functions of Stock Market	Mr. Santhosh Reddy Representative from Bombay Stock Exchange, Mumbai	30 th June, 2016

33. List teaching methods adopted by the faculty for different programs:

Class Room Teaching:

- Chalk and Board
- Lecture With Demonstration
- Lecture with Power point Presentation
- Lecture with Tutorial Support
- Group Assignments
- Group Discussions
- Case Studies
- Role Plays
- Project Based Learning
- Activity Based Learning
- Assignment
- Seminar

34. How does the department ensure that program objectives are constantly met and learning outcomes monitored?

The attainment of programme objectives and the learning outcomes are ensured through proper curriculum design.

The curriculum is designed with various theory, laboratory and elective courses to meet the Programme Educational Objectives, Programme Outcomes and Course Outcomes. The Course Outcomes are clearly defined to ensure that the courses are aligned with the Programme Outcomes

The attainment analysis of Programme Educational Objectives are done through the indirect assessment tools such as Survey, Employer Survey and collection of inputs from Focus Groups meetings

Through regular interaction among the course instructors and domain coordinators efforts are made to ensure the attainment of outcomes

Programme Outcome Attainment Assessment is performed through direct assessment tools such as Course Outcome attainment, rubrics for analyzing open ended tasks, student portfolio and performance of students in national and international level exams. Indirect assessment tools such as Exit survey and Employer survey are also used.

The attainment of course outcomes is monitored through the Direct Assessment Tools such as Assignment, Seminar, Test, Mini-Project, Case Studies, Group Task, Presentations and Lab Courses

35. Highlight the Participation of Students and Faculty in Extension Activities:

- Dr. K. Mamatha, is the Coordinator for Training and Placement Cell
- V. Vishnu Vandana, is Coordinator for HR and EDC cell
- C. Mallesha is coordinating NSS activities

36. Give details of “Beyond syllabus scholarly activities” of the department:

1. Personality Development and Soft skills training is organised for the development of the student’s personality.
2. Clubs organized to give beyond the class work knowledge in their selected specializations. Weekly one class for each specialization has been scheduled during their regular semester.
 - Dhraveen- Finance Club
 - Aakruti -Marketing Club
 - Srujana-HR Club

38. Detail any five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department

Strengths

- Two Doctorates and National Awardees
- Committed & dedicated Faculty
- State-of-art infrastructure and computer labs
- Special personality development programs to improve the soft skills
- Placements in various MNCs

Weakness

- Funded Projects
- Industry Institution Interaction

Opportunities

- National and International Journals are adequate to publish papers
- Upgrading the syllabus content as per industry requirements
- Attending National and International Seminars, FDPs, Workshop
- Getting more internships
- Motivating students to become entrepreneurs

Challenges

- MOU’s from reputed companies
- Placements at reputed companies with good salary packages
- Training the students as per changing environments at industries

- Faculty adaption to market/ industry changes
- Establishing practical exposure teaching methodologies

39. Future Plans of the Department

- To get MOU's from reputed national and international companies
- To get good number of Placements at corporate and MNCs
- To Motivate students to become Entrepreneurs
- To get recognition at National Level
- To get more publications in referred national and international journals and Book publications.

Evaluative Report of the Dept of Mathematics & Physical Education

1. Name of the Department & its Year of Establishment:

Name of the Department: Mathematics

Year of Establishment: 2002

2. Names of Programmes / Courses offered (UG, PG, M. Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)

Supporting department to all UG Programmes and PG Programmes

3. Interdisciplinary Courses and Departments Involved

Not Applicable

4. Annual/ Semester/Choice Based Credit System

Semester Based / Choice Based Credit System (CBCS)

5. Participation of the Department in the Courses offered by other Departments

S.No	Interdisciplinary Courses Offered	Name of the Departments involved
1	Mathematics –I	All B. Tech. Programmes
	Mathematics –II	
	Mathematics –III	
2	Probability and Statistics	B. Tech. (CSE, IT, CE, ME, CHEM)
3	Mathematics –IV	EEE,ECE
4	Operation Research	CSE, IT
6	Remedial Mathematics-I	B. Pharmacy
7	Remedial Mathematics-II	
8	Bio-Statistics	
9	Remedial Mathematics	Pham D
10	Biostatistics and Research Methodology	
11	Advanced Biostatistics and Research Methodology	M. Pharmacy
12	Research Methodology and Statistical Analysis	Master of Business Management
13	Quantitative Analysis for Business Decision Making	
14	Quantitative methods in Construction Management	M. Tech. (Construction Management)
15	Computer Oriented Numerical Methods	M. Tech. (Structural Engineering)
16	Computational Methods In Engineering	M. Tech. (Machine Design)

6. Number of Teaching Posts Sanctioned and Filled (Professors/Associate Professors/ Asst. Professors)

Teaching Post	Sanctioned	Filled
Professors	1	1
Associate Professors	7	7
Assistant Professors	8	8

7. Faculty Profile with Name, Qualification, Designation, Specialization (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)
Department of Mathematics

S.No.	Name of the Faculty	Qualification	Designation	Specialization	No. of Years of Experience (Y=Year, M=Months)	No. of Ph.D. Students Guided for the last 4 years
1	Dr. L. Ananad Babu	M.Sc.	Professor and Head (Served at Osmania University for a period of 32 years in various positions like Chairman BOS, Head, Convener of admission.)	Applied Mathematics	38Y	4
		Ph.D.		Resolution of Potential Fields using Integral Transforms		
2	Dr. V Srinivasa Rao	M.Sc.	Associate Professor	Applied Mathematics	13Y 2M	
		Ph.D.		Thermal Radiation impact on an unsteady MHD flow problems: A Finite Element Technique.		
3	Dr. Ramu Yerukala	M.Sc.	Associate Professor	Statistics	11Y 1M	
		M. Phil.		Statistics (A study on 6Linear Time Series Models)		
		Ph.D.		Statistics (Functional Approximation)		

				using Neural Networks)		
4	Dr. K Shiva Reddy	M.Sc.	Associate Professor	Applied Mathematics	13Y 2M	
		Ph.D.		Some Mathematical Aspects of Multiple Prey Predator Systems		
5	Mrs. P. Sireesha Devi	M.Sc.,	Associate Professor	Mathematics	15Y 8M	
		M.Phil.		Operation Research		
6	Mr. V. B. Srinivas	M.Sc	Associate Professor	Mathematics	25Y 3M	
		M.Phil.		Galois Rings		
		M. Ed.		Teaching Dynamics		
7	Mr.Y.Dharmendar Reddy	M. Sc.	Associate Professor	Mathematical modeling in Heat and Mass Transfer	11Y 1M	
8	Mrs.P.Mangathai	M. Sc.	Associate Professor	Mathematics	25Y 3M	
		M.Phil.		Numerical Analysis		
9	Mr. M.Anil Kumar	M. Sc.	Assistant Professor	Mathematical Modeling in Fluid Mechanics	11Y 3M	
10	Mr. S.Hari Prasad	M. Sc.	Assistant Professor	Mathematics	11Y	
		M. Phil		Mathematical Modeling of Stochastic differential equations in Biological Systems.		
11	Mr. N.Venkatesh	M. Sc.	Assistant Professor	Mathematical Modeling in Fluid Mechanics	5Y 2M	
12	Mr. P.Ashok	M. Sc.	Assistant Professor	Queuing Theory	4Y 3M	
13	Mr. G.Ranjith Kumar	M. Sc.	Assistant Professor	Mathematical Modeling in Epidemiology.	11Y	
14	Mr. N.Kiran	M. Sc.	Assistant Professor	Regression Analysis	4Y 3M	
15	Mrs. Triveni Domada	M. Sc.	Assistant Professor	Number Theory	8Y 1M	
16	Mr. V.Venkata Ramana Reddy	M. Sc.	Assistant Professor	Number Theory	-	

8. Percentage of Classes taken by Temporary Faculty – Programme-wise

Information: NIL

9. Programme-wise Student Teacher Ratio: Not Applicable

10. Number of Academic Support Staff (Technical) and Administrative Staff: Sanctioned and Filled

S.No	Staff Category	Sanctioned	Filled
1.	Administrative Staff	1	1
2.	Academic Support Staff (Technical)	Nil	Nil

11. Number of Faculty with Ongoing Projects from a) National b) International Funding Agencies and c) Total Grants Received. Mention Names of Funding Agencies and Grants Received Project-wise.

S.No	Principle Investigator	Project Title	Funding Agency	Total Grants Sanctioned (Rs)	Duration
1	Dr. V Srinivasa Rao	Numerical Solution to Heat and Mass Transfer Problems	UGC	375000	2014 to 2016
2	Dr. K Shiva Reddy	Stability Analysis of Various Delayed and Stochastic Ecological Models	UGC	300000	2014 to 2016
3	Mr. Y Dharmendar Reddy	Impact of Flow Parameters on Flow Field in Heat and Mass Transfer Problems-A Numerical Technique Approach	UGC	300000	2014 to 2016

12. Departmental Projects Funded by DST-FIST; DBT, ICSSR, Etc.; Total Grants Received

UGC funded three Minor Research Projects, Total Grants Received 9.75 Lakhs.

13. Research Facility / Centre with

State Recognition : NIL

National Recognition : Recognized by DSIR, GOVT of India

International Recognition : Our research publications are indexed in Google Scholar and other reputed international data bases

14. Publications:

- International and National Journals : 58 (List Enclosed)
- International Conferences : 16
- National Conferences: 35
- Monographs : 0
- Books with ISBN numbers with details of publishers : NIL
- Number listed in International Database : NIL
- Citation Index : 0 to 13

- SNIP : NIL
- SJR : 0 to 1.01
- Impact factor : 1.32 to 2.89
- H-index : 10- 100

Publications of the Department from 2012- till December 2016

S.No	Author	Title of Article	Journal Information
1	Ramu Yerukala	Approximations to three essential functions of standard normal distribution	International Journal of Mathematics and Statistics, ISSN 0974-7117 (PRINT), ISSN 0973-8347 (ONLINE) Accepted for publication in 2017
2	V Srinivasa Rao, Y Dharmendar Reddy	Numerical Solution of Hall Effect on MHD mixed convection flow past an infinite vertical porous plate with mass transfer in Presence of Chemical Reaction	International Journal of Mathematical Archive, Vol. 8, No. 9, ISSN 2229 – 5047, 2017
3	V Srinivasa Rao, K Shiva reddy	Dynamical behavior of the mutualistically interacting species under stochastic influences	Global Journal of Pure and Applied Mathematics, Volume 11, Number 3, ISSN 0973-1769, 2016
4	V Srinivasa Rao, Y Dharmendar Reddy	Numerical solution of thermo-diffusion and Diffusion-thermo effects on unsteady MHD free Convective mass transfer flow past an infinite Vertical porous plate with oscillatory suction Velocity	International J. of Multidispl. Research & Advcs. in Engg., Vol. 8, No. II, pp. 15-37, ISSN 0975-7074, 2016
5	V Srinivasa Rao	Heat and mass transfer in MHD flow of a viscous fluid past a vertical plate under oscillatory Suction velocity with thermal radiation	International J. of Multidispl. Research & Advcs. in Engg., Vol. 8, No. II, pp. 39-56, ISSN 0975-7074, 2016
6	V Srinivasa Rao	Numerical Solution of Thermal radiation and Hall Effect on MHD mixed convective flow of a viscous incompressible fluid past a vertical porous plate immersed in porous medium with heat source/sink	International Journal of Mathematical Archive, Vol. 8, No. 9, ISSN 2229 – 5046, 2016
7	V Srinivasa Rao, Y Dharmendar Reddy	Finite Element Solution of Thermal Radiation and Mass Transfer Flow past Semi- infinite	Journal of Applied Mathematics and Fluid Mechanics, Volume 8, Number

		Moving Vertical Plate with Viscous Dissipation in Presence of heat Source / Sink	1, pp. 15-31, ISSN 0974-3170, 2016
8	K Shiva Reddy	Dynamics in harvested prey–predator mathematical model with noise and diffusion	<i>Int. J. Dynamical Systems and Differential Equations</i> , Pp 36-62, ISSN print: 1752-3583, 2016
9	M. Anil kumar, N. Venkatesh	SIMUTANIOUS EFFECTS OF HALL CURRENT THERMAL DIFFUSION AND CHEMICAL REACTION ON MHD CONVECTION FLOW PAST A VERTICAL PLATE.	INTERNATIONAL JOURNAL OF MATHEMATICAL ARCHIVE, 7-(9),2016,83-91, ISSN: 2229-5046
10	N.VENKATESH, M. Anil kumar	INFLUENCE OF TRANSPORTATION AND HALL EFFECTS ON UNSTEADY MHD FREE CONVECTION FLUID FLOW OVER AN INFINITE VERTICAL PLATE.	Accepted in ARPN Journal of Engineering and Applied Sciences,ISSN 1819-6608 and it will be published in the the academic year 2016-17
11	P. Mangathai	Effects of Heat and Mass transfer on MHD free convection flow over an inclined plate embedded in a porous medium	BIO IT International journal of advanced computer and mathematical sciences vol:7(1) ISSN:2230-9624 feb:2016
12	P.Mangathai	MHD Free convective flow past a vertical porous plate in the presence of radiation and heat generation	International Journal of chemical sciences vol:14(3) 2016 1577-1597 ISSN-0972 -768X
13	M. Anil kumar	combined effects of chemical reaction ,dufour sofour effects on unsteady mhd flow past an impulsively started inclined porous plate	INTERNATIONAL JOURNAL OF MATHEMATICAL ARCHIVE, 7-(9),2016,83-91, ISSN: 2229-5046, ISSN: 2229-5046
14	M. Anil kumar	The effects of unsteady free mhd free convective flow past a vertical porous plate with variable suction	Accepted in ARPN Journal of Engineering and Applied Sciences,ISSN 1819-6608 and it will be published in the the academic year 2016-17
15	G. Ranjith Kumar	Stability and Hopf Bifurcation Analysis of SIR Epidemic Model with Time Delay	ARPN Journal of Engineering and Applied Sciences,VOL. 11, NO. 3, FEBRUARY 2016,ISSN 1819-6608
16	Y. Dharmendar Reddy	Heat and mass transfer in MHD flow of a viscous fluid past a vertical plate under oscillatory Suction velocity with thermal radiation	International J. of Multidispl.Research & Advcs. in Engg.(IJMRAE), ISSN 0975-7074, Vol. 8, No. II (August 2016), pp.39 -56.
17	Y. Dharmendar	Numerical Solution of Thermal radiation and Hall Effect on MHD	“ International Journal of Mathematical Archive” (IJMA), ISSN

	Reddy	mixed convective flow of a viscous incompressible fluid past a vertical porous plate immersed in porous medium with heat source/sink”	2229 – 5046, Vol. 8, No. 9 (September 2016).
18	Y. Dharmendar Reddy	Effect of Thermal Radiation on MHD Boundary Layer Flow of Nanofluid and Heat Transfer over a Non-Linearly Stretching Sheet with Transpiration	Journal of Nanofluids, Vol. 5, pp. 889–897, 2016.
19	K Shiva Reddy	Dynamics of a two preys and one predator system with time interruption and random fluctuations	Pacific Science Review A: Natural Science and Engineering, ,ISSN: 2405-8823,,10.1016/j.psra.2016.10.002,A ccepted(October 2016)
20	K Shiva Reddy	Stochastic nonlinear aspect of noise in a two Predators – one prey mathematical model induced cyclic oscillations	An Interdisciplinary Journal Nonlinear Phenomena in Complex Systems, ISSN 1561-4085 (Print), ISSN 1817-2458 (Online), Accepted
21	K Shiva Reddy	Effect of White Noise and Diffusion on The Dynamics of Predator- Prey Density Dependent Model	Research Journal of Pharmacy and Technology (RJPT), ISSN: 0974-360X(Online), 0974-3618(Print), Accepted
22	V Srinivasa Rao	Hall current effect on an unsteady MHD free convection flow past a vertical porous plate with heat and mass transfer	International Journal of Scientific and Innovative Mathematical Research (IJSIMR), Volume 3, Special Issue 3, PP 884-890, ISSN 2347-307X (Print), 2015
23	V Srinivasa Rao, K Shiva reddy	Influence of ecological discrepancy’s on the immovability of two species model with mutualism using lyapunov function	International Journal of Scientific and Innovative Mathematical Research (IJSIMR), Volume 3, Special Issue 3, PP 891-896, ISSN 2347-307X (Print), 2015
24	V Srinivasa Rao, K Shiva reddy	Finite element analysis of effects of heat and mass transfer on flow past an oscillating vertical plate with variable temperature	Global Journal of Pure and Applied Mathematics, Volume 11, Number 2, ISSN 0973-1768, 2015
25	K Shiva Reddy	STOCHASTIC STABILITY OF A FISHERY MODEL WITH OPTIMAL HARVESTING POLICY	International Journal of Pure and Applied Mathematics, pp 975-983, ISSN: 1314-3395, 2015
26	V. Vishnu Vandana, Ramu Yerukala	An Empirical Study on Consumer Decision Making Styles with Reference to Twin Cities of Hyderabad	International Research Journal of Business and Management, Volume-VIII, Issue-13, November 2015, ISSN 2322-083X, 72 to 79

27	Ramu Yerukala,	Approximations to Standard Normal Distribution Function	International Journal of Scientific & Engineering Research, Volume 6, Issue 4, April-2015, ISSN 2229-5518, 515 to 518
28	S Hariprasad	Mathematical model of ecosystem –interaction between two neutral preys and a predator-influence of random fluctuations	Global Journal of Pure and Applied Mathematics (GJPAM) ISSN 0973-1768 Volume 11, Number 2 (2015)
29	P.Mangathai	MHD Boundary layer flow through porous medium over a stretching sheet with chemical reaction	International Journal Of Mathematical Archive-vol :6(3),2015,1-10 ISSN 2229-5046
30	M.Anil kumar	Influence of Thermal Radiation on unsteady free convection flow of water near 4 degree centigrade past a moving vertical plate	Global Journal of Pure and Applied Mathematics (GJPAM) ISSN 0973-1768 Volume 11, Number 2 (2015), pp. 237-240.
31	Y. Dharmendar Reddy	Hall current effect on an unsteady MHD free convection flow past a vertical porous plate with heat and mass transfer	International Journal of Scientific and Innovative Mathematical Research (IJSIMR), Volume 3, Special Issue 3, July 2015, PP 884-890, ISSN 2347-307X (Print).
32	Y. Dharmendar Reddy	Finite element analysis of effects of heat and mass transfer on flow past an oscillating vertical plate with variable temperature	Global Journal of Pure and Applied Mathematics (GJPAM) ISSN 0973-1768 Volume 11, Number 2 (2015).
33	Y. Dharmendar Reddy	Influence of thermal radiation on unsteady free convection flow of water near 40 C past a moving vertical plate	Global Journal of Pure and Applied Mathematics (GJPAM) ISSN 0973-1768 Volume 11, Number 2 (2015), pp. 237-240.
34	G. Ranjith Kumar	Dynamics Of Sir Epidemic Model With A Saturated Incidence Rate Under Stochastic Influence	Global Journal of Pure and Applied Mathematics (GJPAM) ISSN 0973-1768 Volume 11, Number 2 (2015).
35	G.Ranjith Kumar	Stability Analysis of SIR Epidemic Model with Nonlinear Incidence Rate	International Journal of Scientific and Innovative Mathematical Research (IJSIMR) Volume 3, Special Issue 1, July 2015, PP 323-327, ISSN 2347-307X (Print)
36	K Shiva Reddy	Chaotic dynamics of a three species prey-predator competition model with noise in ecology	Applied Mathematics and Computations, 117-133, ELSEVIER, 2014
37	K Shiva Reddy	Optimal Harvesting strategy and stochastic analysis for a two	Ain Shams Engineering Journal, 515-

		species commensaling system	523, ELSEVIER, 2014
38	K Shiva Reddy	Stochastic effects on an ecosystem with predation, commensalism, mutualism and neutralism	Journal of Advanced Research in Dynamical and Control Systems, 62-78, ISSN 1943-023X, 2014
39	K Shiva Reddy	An Optimal Harvesting Strategy of a Three Species Syn-ecosystem with Commensalism and Stochasticity	Applications and Applied Mathematics, 672-695, ISSN:1932-9466, 2014
40	K Shiva Reddy	A Stochastic study of a four species Syn-Ecosystem with Bio-Economic Yielding of Both Victim & Killer	International Journal of Advances in Engineering & Technology, 1571-1584, ISSN. 22311963, 2014
41	V Srinivasa Rao, L. Anand Babu	Finite Element Analysis of Radiation and Mass Transfer Flow past Semi- infinite Moving Vertical Plate with Viscous Dissipation	Journal of Applied Fluid Mechanics, Vol. 6, No. 4, 2013
42	V Srinivasa Rao	Thermal Radiation and Mass Transfer Effects of an unsteady MHD Free Convective flow past an Infinite Vertical Plate with Constant Suction and Viscous Dissipation	International Conference on Mathematical Computer Engineering, ISBN 978-93-82338-91-8 © 2013.
43	V Srinivasa Rao	Optimal harvesting scheme for a dynamical ecosystem with one prey and two predators	International Conference on Mathematical Computer Engineering, ISBN 978-93-82338-91-8 © 2013
44	K Shiva Reddy	Stochastic Analysis of a Two Species Model With Commensalism	International Journal of Innovative Research in Science, Engineering and Technology, ISSN. 2319-8753, 2013
45	Ramu Yerukala,	Approximations to the t-distribution,	International Journal of Statistika and Matematika, ISSN: 2277- 2790 E-ISSN: 2249-8605, Volume 8, Issue 1, 2013 pp 19-21.
46	Y. Dharmendar Reddy	Chemical Reaction Effect on an unsteady MHD free convective flow past a vertical porous plate with hall current	International Conference on Mathematical Computer Engineering - ICMCE – 2013, 1206-1219, ISBN 978-93-82338-91-8 © 2013 Bonfring.
47	K Shiva Reddy	A Three species ecosystem with an optimal harvesting of the prey	Journal of Advanced Research in Dynamics and Control Systems, 13-

			23, ISSN 1943-023X, 2012
48	K Shiva Reddy	A Mathematical Model of Bio-Economic Harvesting of a Prey-Predator System with Host	International Journal of Advances in Science and Technology, ISSN 2229-5216, 2012
49	K Shiva Reddy	A Study of dynamical Syn-Eco Symbiotic system with bio-economic aspect at interior equilibrium	Journal of Experimental Sciences, pp.40-44, ISSN: 2218-1768, 2012
50	N.VENKATESH	UNSTEADY STATE OF HEAT FLOW THROUGH A RECTANGULAR PLATE .	IIAR, ISBN-13:78-A533617309, 2016
51	V Srinivasa Rao, L. Anand Babu	Finite element solution of MHD free convection flow of an incompressible viscous dissipative fluid in an infinite vertical oscillating plate with constant heat flux	Journal of Energy, Heat and Mass Transfer, vol33, 2011
52	K Shiva Reddy	A study of a prey-predator model with an optimal harvesting policy of both prey and predator	GJCAT, 693-700, ISSN: 2249-1945, 2011
53	K Shiva Reddy	A Model of a three species ecosystem with mutualism between the predators	International journal of Mathematics and Scientific Computing, 87-90, ISSN 2231-5330,2011
54	K Shiva Reddy	A Three species ecosystem comprising of two predators competing for a prey	Pelagia Research Library, 208-218, ISSN: 0976-8610, 2011
55	Ramu Yerukala,	Bootstrap Graphical Test For Equality of Variances	Electronic Journal of Applied Statistical Analysis, Vol 4, Issue 2, 2011, e-ISSN 2070-5948. DOI 10.1285/i20705948v4n2p184, 184 to 188
56	Ramu Yerukala,	An Approximation to The CDF of Standard Normal Distribution	International Journal of Mathematical Archive-2(7), July-2011, ISSN 2229-5046, 1077-1079
57	Ramu Yerukala,	A Bootstrap Test for Equality of Mean Absolute Errors	ARPJ Journal of Engineering and Applied Sciences, Vol. 6 No. 5, May 2011, ISSN 1819-6608, 9 to 11
58	Ramu Yerukala	Comparison of Some Estimators of Square of Population Mean	InterStat, April 2011, ISSN: 1941-689X, 4 Pages

15. Details of Patents and Income Generated - NIL

16. **Areas of Consultancy and Income Generated** - NIL

17. **Faculty Recharging Strategies** - NIL

18. **Student Projects** - Not Applicable

19. **Awards / Recognitions Received at the National and International Level Faculty** - NIL

Doctoral / Post Doctoral Fellows

S.No	Name of the Doctoral / Post Doctoral	Award	Awarded by	Year
1	Dr. L. Ananad Babu	Ph. D	Osmania University	1985
2	Dr. V Srinivasa Rao	Ph. D	Osmania University	2011
3	Dr. Ramu Yerukala	Ph. D	Osmania University	2012
4	Dr. K Shiva Reddy	Ph. D	JNTU Hyderabad.	2014

Students

Not Applicable

20. **Seminars/ Conferences/Workshops Organized and the Source of Funding (National/ International) with Details of Outstanding Participants, If any.**

Year	Seminars/ Conferences/ Workshops	Source of Funding	National/ International	Invited Speakers	Total Participants	Outstanding Participants
March 2, 2013	One-Day Programme on Ramanujam Mathematical Awareness Programme	ISTE, New Delhi	National	Dr. V Kannan, Professor & Pro Vice Chancellor, HCU Dr. K Satyanrayana, Visiting Professor ,RGUKT, Hyderabad	81	2 (Dr. R Srinivas Raju, BVRIT and Ms. P. Kavitha, JIET)
December 13 to 15, 2013	XXII Congress of APSMS & National Conference on "Recent Trends in Applications of Mathematics"	CSIR New Delhi, APSCOST, and SBH Ghatkesar.	National	Details is given below	300	-

21. **Student Profile Course-wise** - Not Applicable

22. **Diversity of Students** - Not Applicable

23. How many Students have cleared Civil Services, Defense Services, NET, SLET, GATE and any other Competitive Examinations? - Not Applicable

24. Students Progression - Not Applicable

25. Diversity of Staff

Percentage of faculty who are graduates	UG	PG	Ph.D.
From the same parent university	Nil	Nil	25%
From other universities within the State	92.86%	89.29%	75%
From other universities from other States	07.14%	10.71%	Nil

26. Number of Faculty who were Awarded Ph.D., D.Sc. and D.Litt. during the Assessment Period.

Academic Year	No. of faculty who were Awarded Ph.D.	Details of the Faculty
2012	1	Ramu Yerukala
2014	1	K. Shiva Reddy

27. Present details about Infrastructural Facilities

S. No.	Name of the Infrastructural Facility	Quantity / Details
1	Library	Total Number of Titles:53 Total Number of Volumes: 67
2	Internet facilities for staff and students	Provided computing facility to all teaching staffs with Internet connectivity
3	Total number of class rooms	Not applicable
4	Class rooms with ICT facility	Not applicable
5	Students' laboratories	Not applicable
6	Research laboratories	Available

28. Number of Students of the Department getting Financial Assistance from College.

Not Applicable

29. Was any need Assessment Exercise undertaken before the Development of New Program(s)? If so, Give the Methodology.

Not Applicable

30. Does the Department obtain Feedback from

a. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize it?

Yes. The department takes feedback from the meetings. The required modifications will be suggested and passed on to Board of Studies. The final approval on modifications of syllabus will be accorded by Board of Studies. Self evaluation of the faculty also enhances the faculty at regular intervals of time on curriculum and discusses it in the department faculty teaching-learning-process

b. Students on staff, curriculum as well as teaching-learning-evaluation and what is the response of the department to the same?

Feedback on Staff: The feedback on the performance of the faculty is obtained two times in a semester. Based on the analysis of the feedback, depending on the requirement, concerned faculty will be appraised.

Feedback on Curriculum: Student's feedback on the curriculum is carefully analyzed by the Departmental Advisory Board and referred to the Board of Studies for discussion and incorporation after necessary modifications.

Feedback on Teaching-Learning-Evaluation: Feedback from students on teaching –learning-evaluation is used for making improvements in the teaching learning process and evaluation.

c. Alumni and employers on the programmes and what is the response of the department to the same? - Not Applicable

31. **List the Distinguished Alumni of the Department (Maximum 10) - Not Applicable**

32. **Give details of Student Enrichment Programmes (Special Lectures / Workshops / Seminar) with External Experts**

2015-2016

S.No.	Seminar/ Workshop/ Special Lecture	Title of Programme	Name and Designation of External Experts	Date of the Programme
1	Special Lecture	Applications of Differential Equations	Dr. B.Shankar, Professor Department of Mathematics, Osmania University.	February 22, 2016
2	Special Lecture	Tower of Hanai	Dr.K.Satyanarayana, Professor Department of Mathematics, Osmania University.	February 23, 2016
3	Special Lecture	Applications of Differential Equations in	Dr. A.Ramu, Professor Department of Mathematics, BITS, HYD.	February 24, 2016

		Engineering		
4	Special Lecture	The Wonderful world of Differential Equations	Dr.Ch.Rami Reddy, Professor Department of Mathematics, NITW.	February 27, 2016

2014- 2015

S.No.	Seminar/ Workshop/ Special Lecture	Title of Programme	Name and Designation of External Experts	Date of the Programme
1	Special Lecture	Applications of Ordinary Differential Equations in Engineering	Dr. M A Srinivas, Professor, Department of Mathematics, JNTU Hyderabad.	February 12, 2015
2	Special Lecture	An Approach to different Engineering applications with Numerical Techniques	Dr. A.Ramu, Professor Department of Mathematics, BITS, HYD.	February 19, 2015

33. List the Teaching Methods adopted by the Faculty for Different Programmes

- Chalk and Board
- Lecture with Demonstration (Models)
- Lecture with Power point Presentation
- Lecture with Tutorial Support
- Active Learning (Think Pair Share)
- Problem Based Learning
- Group Assignment
- Group Discussion
- Case Study
- Seminar

34. How does the Department Ensure that Programme Objectives are constantly Met and Learning Outcomes Monitored?

The attainment of Programme Objectives and the Learning Outcomes are ensured through proper curriculum design.

The curriculum is designed with various theory, laboratory and elective courses to meet the Programme Educational Objectives, Programme Outcomes and Course Outcomes

The Course Outcomes are clearly defined to ensure that the courses are aligned with the Programme Outcomes

The attainment analysis of Programme Educational Objectives are done through the Indirect Assessment Tools such as Survey, Employer Survey and collection of inputs from Focus Groups meetings

Through regular interaction among the course instructors and domain coordinators, the efforts are taken to ensure the attainment of outcomes

Programme Outcome Attainment Assessment is performed through Direct Assessment tools such as Course Outcome attainment, rubrics for analyzing open-ended tasks, student portfolio and performance of students in national and international level exams. Indirect Assessment Tools such as Exit survey and Employer survey are also used.

The attainment of Course Outcomes is monitored through the Direct Assessment tools such as assignment, seminar, test, case studies, group task, presentations etc.

35. Highlight the Participation of Students and Faculty in Extension Activities.

A. Faculty are motivated to participate in following activities

- Workshops
- Conferences
- Seminars
- Blood Donation Programme
- National Service Programmes
- Sports
- Extra-Curricular Activities

B. Students: Not Applicable

36. Give details of “Beyond Syllabus Scholarly Activities” of the Department.

The department involves in “Beyond Syllabus Scholarly Activities” by encouraging students through assignments which includes application of mathematical concepts in various engineering fields and collection of scholarly articles.

37. State whether the Programme/Department is Accredited/Graded by the other Agencies.

Give details

Not Applicable

38. Detail any Five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the

Department

Strengths

- Visionary management
- Highly experienced and committed faculty members
- Good in academic results in Mathematics
- Research grants
- Faculty actively takes part in co curricular and \ extracurricular activities.

Weakness

- Less Number of conferences and symposiums

Opportunities

- Constant encouragement is given for the faculty members in research activities.
- Autonomy in curriculum development.
- 2(f) and 12(B) status from UGC to apply minor /major projects for all faculties.
- Encouragement to host Workshops and Conferences.

Challenges

- To develop a research center.
- To strengthen faculty members with mathematical software.
- To introduce post graduation courses.

39. Future Plans of the Departments

- To get more number of research grants from different funding agencies.
- To enrich research laboratory with latest software.
- To host International Conferences and Workshops.

Evaluative Report of the Physics Department

1. Name of the department & its year of Establishment

Name of the Department: PHYSICS

Year of Establishment: 2002

2. Names of Programmes / Courses offered (UG, PG, M.Phil, Ph.D., Integrated Masters Integrated Ph. D., etc.)

Supporting department to all UG Programmes

3. Names of Inter disciplinary courses and the departments/units involved

Not Applicable

4. Annual/ Semester/Choice based credit system (programme wise)

UG – CHOICE BASED CREDIT SYSTEM (CBCS)

5. Participation of the department in the courses offered by other departments

S.No.	Interdisciplinary Courses Offered	Name of the Department Involved
1	Engineering Physics-I	All UG Programs
2	Engineering Physics-II	All UG Programs

6. Number of Teaching posts Sanctioned and Filled (Professors/Associate Professors/Asst. Professors)

Name	Sanctioned	Filled
Professors	1	1
Associate Professors	1	1
Assistant Professors	9	9

7. Faculty profile with name, qualification, designation, specialization(D.Sc./D.Litt./Ph.D./M.Phil, etc.,)

S.No	Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students Guided for the Last 4 years
1	Prof M Mutha Reddy	M.Sc., Ph.D	Professor	Physics	40	NIL
2	Dr . M. Srinivasa Reddy	M.Sc., M.Phil., Ph.D.	Assoc. Prof.	Ultrasound-Biophysics	14	NIL
3	Mr. M Madhu	M.Sc.	Asst. Prof.	Electronics	11	NIL
4	Mr. Y. Srinivas	M.Sc. (Ph.D)	Asst. Prof.	Nano-Composites	10	NIL
5	Mr.DE Judson	M.Sc.	Asst. Prof.	Physics	10	NIL
6	Mr. P Raghupathi	M.Sc.	Asst. Prof.	Physics	9	NIL
7	Mr. B Lavanya	M.Sc.	Asst. Prof.	Physics	8	NIL
8	Mr. A Linga Murthy	M.Sc.	Asst. Prof.	Physics	8	NIL
9	Mr. P.Rajesh	M.Sc	Asst Prof	Physics	3	Nil
10	Mr. S Upendar	M.Sc.	Asst. Prof.	Physics	2	NIL
11	M Sunil Kumar	M.Sc.	Asst. Prof.	Physics	-	NIL

8. Percentage of lectures delivered and practical classes handled (programmewise)

By temporary faculty - NIL

9. Student-Teacher Ratio: Not Applicable

(Programmewise)

10. Number of academic support staff (technical) and administrative staff sanctioned and filled

S.No.	Staff Category	Sanctioned	Filled
1	TECHNICAL STAFF	3	3
2	ADMINISTRATIVE STAFF	1	1

11. Number of faculty with ongoing (projects from)

a) National

b) International funding agencies

c) Grants received

a. National Funding Agencies

S. No	Title of the Project	Name of the Faculty Involved	Funding Agency	Sanctioned amount (Rs.)	Duration
1	Ultrasonic Investigations on Disruption of Bacteria Cultures – Synergies of 0.1 to 10 MHz Ultrasound	M Srinivasa Reddy	UGC	3.1 Lakhs	2014-16

b. International Funding Agencies: NIL

c. Total grants received : 3.1 Lakhs

12. Departmental projects funded by: DST-FIST; UGC, DBT, ICSSR, etc.- NIL

13. Research Centre/ facility with

State recognition : NIL

National recognition : NIL

International recognition : NIL

4. Publications

Publication Details of the faculty.

S.No	Year	No. of Faculty Journals/Publications
1	2012-13	02
2	2013-14	03
3	2014-15	01
4	2015-16	04

1 Citation Index- Range/ average

Range: 0-3

2 Impact Factor- Range/ average

Range: 0.3-1.38

Average: 0.48

3 h- index

0-4

Year	Author(s)	Title of the Paper	Name of the Journal	ISSN/ISBN number	Inter./National
2016	P Raghupathi	Effect of Zinc doped in cobalt Ferrite Nano Particles prepared by chemical Co-precipitation	Chem Sci Trans	2278-3318	I
2015	M Srinivasa Reddy	Measurement of Ultrasonic Velocity and Attenuation Coefficient on Cell Density and Disruption of Aspergillus Niger.	CVR Journal of Science and Technology	ISSN 2277-3916	N
2015	M Srinivasa Reddy	Investigation of Ultrasonic Parameters – Effect of high frequency ultrasound on Disruption of cell density of A.Niger and P.Chrysogenum.	International Journal of Science and Research (IJSR)	ISSN: 2319-7064.	I
2015	M Srinivasa Reddy	Measurement of Ultrasonic Velocity and Attenuation Coefficient in Batch Cultures of P.multocida at 2 and 10 MHz Ultrasound.	Proceedings of National Conference on EARREREI.	ISBN: 978-93-85100-20-8.	N
2014	M Srinivasa Reddy	Investigation of Ultrasonic Parameters on Disruption of S.epidermidis at Ultrasound exposure of 20 kHz and 36 kHz frequencies	Proceedings of 20th National Symposium on Ultrasonics (NSU – XX)	ISBN 978-81-926579-1-2	N
2013	M Srinivasa Reddy	Ultrasonic dosimetry studies in microbial growth periods – synergies of 2 MHz and 10 MHz ultrasonic frequencies.	Int. Journal of Research in Biochemistry and Biophysics.	ISSN 2249-8542	I
2013	M Srinivasa Reddy	Ultrasonic dosimetry studies on disruption of bacteria cultures – metaphorical study of ultrasound at 2 MHz and 10 MHz.	Int. Journal of Research in Pure and Applied Physics.	ISSN 2278-134X	I
2013	M Srinivasa Reddy	Investigation of Ultrasonic Parameters for Ultrasound Exposure of 36 kHz on E.coli	CVR Journal of Science and Technology	ISSN 2277-3916	N

		Culture			
2013	Y Srinivas	Role of Carboxylic Acid Functionalized Single Walled Carbon Nanotubes in Polyamide 6/Poly Blend	Polymer Engineering And Science	ISSN 1548-2634	I
2013	Y Srinivas	Thermal Properties of Single Walled Carbon Nanotubes Composites Of Polyamide 6/Poly Blend System	Journal of Thermal Analysis Calorimetry	SSN 1588-2926	I

15. Details of patents and income generated - NIL

16. Areas of consultancy and income generated - NIL

17. Faculty recharging strategies - NIL

18. Student projects - Not Applicable

19. Awards/Recognitions received at the national and international level by Faculty

S.NO.	FACULTY NAME	EVENT PARTICIPATED	Venue & Dates
1	Dr M Srinivasa Reddy	3rd International Conference on Transformations in Engineering Education	College of Engineering Pune, Jan. 8-12, 2016
2	Dr M Srinivasa Reddy	FDP on "Soft Skills" Sponsored by DSTE & NIT Warangal	Anurag Group of Institutions. July 11-16, 2016.
3	D E Judson		
4	Y Srinivas		
5	P Raghupathi		
6	B Lavanya		
7	M Madhu		
8	Dr M Srinivasa Reddy	One Week National Work Shop on "composite Materials & its Applications	Anurag Group of Institutions. Feb 29 – Mar 5, 2016.
9	D E Judson		
10	A Linga Murthy		
11	M Madhu		
12	Dr M Srinivasa Reddy	Paper presented at "International Conference on Recent Trends in Engineering and Material Sciences" (ICEMS-2016)	Jaipur National University, Jaipur, India, 17-19 Mar, 2016
13	M Srinivasa Reddy	Paper presented at "International Symposium on Ultrasonics" (ISU-2015)	RTM Nagapur University, Nagpur, Maharashtra, 22-24 Jan, 2015.
14	Y Srinivas	FDP on "Need for Concept Oriented Physics Teaching in Engg Colleges"	VJIT, 12-17th Aug, 2013
15	DE Judson		
16	M Srinivasa Redy		
17	A Linga Murthy		

Doctoral/post doctoral fellows:

S.No.	Name of the doctoral fellow	Award	University	Year
1	M Mutha Reddy	Ph.D.	Osmania University	
2	M Srinivasa Reddy	Ph.D.	Osmania University	2015

Students: Not Applicable

20. Seminars/Conferences/ Workshops organized & the source of funding

a) National : NIL

b) International : NIL

21. **Student profile course wise:** - Not applicable

22. **Diversity of Students:** - Not applicable

23. **How many students have cleared national and state competitive examinations such as NET, SLET, GATE, Civil Services, Defense services etc.?** - Not applicable

24. **Student progression** - Not applicable

25. Diversity of staff

Percentage of faculty who are graduates	UG	PG	Ph.D.
of the same parent university	NIL	NIL	NIL
From other universities within the state	100%	90%	100%
From other universities from other states	NIL	10%	NIL

26. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the Assessment

Academic Year	No. of Faculty awarded Ph.D.	Details of the Faculty
2014-15	01	M Srinivasa Reddy

27. Present details about Infrastructural facilities

S.No	Name of the Infrastructural Facility	Quantity/Details
1	Library	No. of volumes: NIL No. of Titles: NIL Non Book Materials: 10 (CD's)
2	Internet facilities for staff and students	1 System with 100 Mbps speed internet connectivity for staff
3	Total number of class rooms	Not Applicable
4	Class rooms with ICT facility	Not Applicable
5	Student laboratories	1. Physics Lab-I 2. Physics Lab-II
6	Research Laboratories	NIL

28. Number of students of the department getting financial assistance from college.

NIL

29. Was any need assessment exercise undertaken before the development of new

Program(s)? If so, give the methodology.

Not Applicable

30. Does the Department obtain Feedback From?

a. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize it?

Yes, the department obtains feedback from the faculty on the curriculum and discusses it with faculty in the department faculty meetings. The necessary improvements are made in the curriculum and syllabi after discussion and approval by the Board of Studies. Faculty also gives self-evaluation about the teaching-learning-evaluation, and this is used for the faculty performance appraisal, for making improvements in the teaching learning process.

b. Students on staff, curriculum as well as teaching-learning-evaluation and what is the response of the department to the same?

Feedback on Staff:

- Students' feedback about the faculty is obtained twice in a semester.

Corrective measures are initiated based on the feedback.

Feedback on Curriculum:

- Feedback about the curriculum is analyzed by the CPEC and included in the Board of Studies Agenda and is put forth for discussion and incorporation.

Feedback on Teaching-Learning-Evaluation:

- Feedback from students on teaching –learning-evaluation is used for making
- Improvements in the teaching learning process and evaluation.

c. Alumni and employers on the programmes and what is the response of the department to the same?

Not Applicable

31. List the Distinguished Alumni of the Department (Maximum 10) - Not Applicable

32. Give details of Student Enrichment Programmes (Special Lectures / Workshops / Seminar) with External Experts - NIL

33. List the Teaching Methods adopted by the Faculty for Different Programmes.

- Classroom teaching with Blackboard, OHP, LCD Projectors etc.
- PPT's and NPTEL Lectures
- Seminars by the students
- Special Classes for students who did not perform well in their examinations underperformed students
- Laboratory Sessions demonstration (Virtual Labs)

34. How does the Department Ensure that Programme Objectives are constantly Met and Learning Outcomes Monitored?

- The attainment of programme objectives and the learning outcomes are ensured through proper curriculum design.
- The curriculum is designed with various theory, laboratory and elective courses to meet the Programme Educational Objectives, Programme Outcomes and Course Outcomes
- The Course Outcomes are clearly defined to ensure that the courses are aligned with the Programme Outcomes
- The attainment analysis of Programme Educational Objectives are done through the indirect assessment tools such as Survey, Employer Survey and collection of inputs from Focus Groups meetings
- Through regular interaction with the course instructors and domain coordinators efforts are taken to ensure the attainment of outcomes
- Programme Outcome Attainment Assessment is performed through direct assessment tools such as, Course Outcome attainment, rubrics for analyzing open ended tasks, student portfolio and performance of students at National and International level exams. Indirect assessment tools such as Exit survey and Employer survey are also used.

- The attainment of course outcomes is monitored through the direct assessment tools such as Assignment, Seminar, test, Mini-Project, Case Studies, Group Task, Presentations and Lab Courses

35. Highlight the Participation of Students and Faculty in Extension Activities.

Faculties are permitted to undergo intense training in the form of FDP, STTP, Workshops, Paper presentation in Conferences etc.

36. Give details of “Beyond Syllabus Scholarly Activities” of the Department.

Extensive training is given to the students to understand the basic concepts in physics by giving assignments and seminars Course files are maintained by the faculty which contains complete record of the particular class including lecture plan, notes, student’s record, etc. Question banks, Part A, Part B, Problems with answers are prepared in booklet form and issued to slow learners.

37. State whether the Programme /Department is Accredited/Graded by the other Agencies.

Give details -

NIL

38. Detail any Five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the Department**Strengths**

- Academic Result - Overall pass percentage is more than 90%, Qualified and experienced faculty
- Research & Development in terms of sponsored project
- Good number of equipments in the Lab

Weakness

- No patents
- Industrial/research collaborations
- Organization of Seminars/Conferences
- Publications
- Research facility/center

39. Future Plans of the Department

- Establishing centre for Excellency in Research.
- Promoting research into products/patents.
- More National and International Conferences / Workshops to promote research

Evaluative Report of the Chemistry Department

1. Name of the Department & its Year of Establishment :

Name of the Department: Chemistry

Year of Establishment : 2002

2. Names of Programmes / Courses offered (UG, PG, M. Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)

Supporting department to all UG Programmes

3. Interdisciplinary Courses and Departments Involved

Not Applicable

4. Annual/ Semester/Choice Based Credit System

Semester Based and Choice Based Credit System (CBCS)

5. Participation of the Department in the Courses offered by other Departments

S.No	Interdisciplinary Courses Offered	Name of the Departments Involved (UG)
1.	Applied Chemistry	MEC, CIV & CHE
2.	Engineering Chemistry	CSE,IT , ECE& EEE
3.	Environmental Studies	MEC , CIV, CHE, CSE,IT, ECE& EEE
4	Chemistry Laboratory	MEC , CIV, CHE, CSE,IT, ECE& EEE

6.Number of Teaching Posts Sanctioned and Filled (Professors/Associate Professors/ Asst. Professors)

Teaching Post	Sanctioned	Filled
Professors	2	2
Associate Professors	1	1
Assistant Professors	8	8

7. Faculty Profile with Name, Qualification, Designation, Specialization (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)
Department of Chemistry

S.No	Name	Qualification	Designation	Specialization		Number of Ph.D students guided in last four years
1	Dr. NYS Murthy	M.Sc, Ph.D	Professor & HOD	Organic Chemistry ,Applied Chemistry & Engineering Chemistry	25	2
2	Dr. Savitha Belwal	M.Sc, Ph.D	Professor	Organic Chemistry (Medicinal Chemistry)	17	-
3	Mr. B.Venkateshwar Rao	M.Sc	Associate Professor	Physical Chemistry	20	-
4	Mrs.A Swathi	M.Sc	Asst.Prof	Organic Chemistry (Engineering Chemistry)	7	-
5	Mr. S Shankariah	M.Sc	Asst.Prof	Organic Chemistry (Medicinal Chemistry)	8	-
6	Mr.G.Thirupathi	M.Sc	Asst.Prof	Organic Chemistry (Applied Chemistry)	6	-
7	Mr.B Kiran kumar	M.Sc	Asst.Prof	Organic Chemistry (Stereochemistry)	5	-
8	Mrs.K.Sujana	M.Sc	Asst.Prof	Biotechnology	5	-
9	Mrs.R.Saritha	M.Sc	Asst.Prof	Organic Chemistry (Reaction mechanism)	4	-
10	Mrs.M.Mamatha	M.Sc	Asst.Prof	Organic Chemistry (Applied Chemistry)	3	-
11	Mrs.K.Srimathi	M.Sc	Asst.Prof	Organic Chemistry (Heterocyclic Chemistry)	1	-

8. Percentage of Classes taken by Temporary Faculty – Programme-wise Information: NA

9. Programme-wise Student Teacher Ratio

Not Applicable

10. Number of Academic Support Staff (Technical) and Administrative Staff: Sanctioned and Filled

S.No.	Staff Category	Sanctioned	Filled
1.	Administrative Staff	1	1
2.	Academic Support Staff (Technical)	3	3

11. Number of Faculty with Ongoing Projects from

a) National

b) International Funding Agencies and

c) Total Grants Received. Mention Names of Funding Agencies and Grants Received Project-wise.

National Funding Agencies: NIL

International Funding Agencies : NIL

Total Grants Received : NIL

12. Departmental Projects Funded by DST-FIST; DBT, ICSSR, Etc.; Total Grants Received: NIL

13. Research Facility / Centre with

State Recognition:

National Recognition:

Recognized by DSIR, Govt of India

International Recognition: Research publications of our faculty are indexed in Google Scholar and other standard international data bases

14. Publications:

International Journals:15

National Journals: 5

International Conferences: 12

National Conferences: 20

Number of papers published in peer reviewed journals: 19

Books with ISBN numbers with details of publishers – one

978-93-325-2525-2 , Published by Pearson international

Citation Index – Range: Min: 0 Max:10 SNIP –

0.598 to 1.510

SJR – 0 to .821

Impact factor – Range: Min:0. Max: 4.116

H-index – Range: Min –0; Max – 112

Research Publications from Department of Chemistry

S.No	Author	Title of the paper	Name of the journal	Volume no, Issue no, Page, Year	ISSN
1	Dr.N.Y.S.Murthy	2-Chloro-7-methyl-3- (4-[(4-nitrophenoxy)methyl]-1H-1,2,3-triazol-1-yl)methyl)quinoline ,	Molbank	2, M797, 2013	1422-8599
2	Dr.N.Y.S.Murthy	A remarkably faster approach towards 1,2,3-triazolyl quinolines via CuAAC in water: Their crystal structure analysis and antibacterial activities	Letters in Drug Design & Discovery	10, 4,343 – 352 2013,	1570-1808
3	Dr.N.Y.S.Murthy	Synthesis of 2,2,4-trimethyl-1,2-dihydroquinolinyl substituted 1,2,3-triazol derivatives: Their evaluation as potential PDE 4B inhibitors possessing cytotoxic properties against cancer cells.	Bioorganic Chemistry	53, 8-14 2014	0045-2068
4	Dr.N.Y.S.Murthy	Method development and validation of Guanfacine in rat plasma by liquid chromatography-tandem mass spectrometry: Application to pharmacokinetic study.	Journal of pharmaceutical analysis	3(6): 472-480, 2013	2095-1779
5	Dr.N.Y.S.Murthy	Synthesis and antibacterial activity of Phenyl -2-[4- (N-(2,2,4	Journal of Single Molecule Research	53, 1-7, 2014	2331-8074

		-tri methyl-7-phenoxy-1,2-dihydroquinolin-6-yl)methylsulfonamido)methyl}-1 <i>H</i> -1,2,3-triazol-1-yl]acetate			
6	Dr.N.Y.S.Murthy	Design of new hybrid template by linking quinoline, triazole and dihydroquinoline pharmacophoric groups: A greener approach to novel polyazaheterocycles as cytotoxic agents	Bioorganic & Medicinal Chemistry letters	1;25(5):1057-63, 2015	0960-894X
7	Dr.N.Y.S.Murthy	Syntheses and biological activities of 1,4-disubstituted-1,2,3-triazoles,	Journal of Chemical and Pharmaceutical Research,	7(5):506-522, 2015,	0975-7384
8	Dr.N.Y.S.Murthy	Assembly of Quinoline, Triazole and Oxime Ether in a Single Molecular Entity: A Greener and One-pot Synthesis of Novel Oximes as Potential Cytotoxic Agents	Letters in Drug Design & Discovery	13(3):210-219, 2016	1570-1808
9	Dr.N.Y.S.Murthy	Chemistry of cyclic imides: An overview on the past, present and future	Current Organic Chemistry	20(99):1-1 · 2016	1385-2728
10	Dr.Savita Belwal	Chem News Letter; Journal of research and education in chemical sciences	Article: Nanotechnology a Glimpse,	1 (1), 72 2012	2278-6201
11	Dr.Savita Belwal	Science Journal of Chemistry,	Evaluation of Disease resistance potential of diorganotin complexes in some bacteria and fungi	1(5), 67, 2013	2330-0981
12	Dr.Savita Belwal	Journal of Engineering And Technology Research	Transformation of sewage water to potable water,	2(4), 63,20 14	2006-9790
13	Dr.Savita Belwal	Modern Chemistry	Green Revolution in Chemistry by Microwave Assisted Synthesis: A	1(3), 22, 2013	2329-1818.

			Review		
14	Dr.Savita Belwal	International Journal of Engineering Research and Applications	Investigation for strength of layering of pelletized balls used as feed for gas solid reaction	5(10), 60, 2015	2248-9622
15	Dr.Savita Belwal	European Journal of Advances in Engineering and Technology,	Inventive Triorgano tin (IV) Complexs of Biologically Potent Schiff base Derivatives	2(11), 34 , 2015	239465 8X.
16	Dr.Savita Belwal	International Journal of Engineering Sciences and Research Technology	Synthetic, spectroscopic Characterization and Biological Evaluation of some innovative silicon Schiff base compounds,	4(12), 285, 2015	2277-9655
17	Dr.Savita Belwal	International Journal of Engineering Technology and Scientific innovation	Pharmaceutical Aspects of Intravenous Therapy: A Short Review	1(3), 200 ,2015	2456-1851
18	Dr.Savita Belwal	International Journal of Engineering Research and Application	Development and Scale up of a chemical process in pharmaceutical industry: A Case Study	6(7), 81, 2016	2248-9622
19	Dr.Savita Belwal	International Journal of Chem Tech Research,	Assessment of strength of granules prepared In rotary drum granulator based on their Residence time	9(6), 347 , 2016	097442 90
20	R.Saritha	International Journal of Engineering Technology and Scientific innovation	Pharmaceutical Aspects of Intravenous Therapy: A Short Review	1(3), 200 , 2015	2456-1851

15. Details of Patents and Income Generated: NIL

16. Areas of Consultancy and Income Generated: NIL

17. Faculty Recharging Strategies

Faculty members attend FDPs regularly. Faculty members are engaged in research activities.

18. Student Projects

Not Applicable

19. Awards / Recognitions Received at the National and International Level Faculty: NIL

Doctoral / Post Doctoral Fellows: Three

S.No	Name of the faculty	University	Year
1	Dr. N Y S Murthy	Kakatiya University	1990
2	Dr. Savita Belwal	Rajasthan University	1998
3	Dr. Ramesh	JNTU	2011

20. Seminars/ Conferences/Workshops Organized and the Source of Funding (National/ International) with Details of Outstanding Participants, If any.: NIL

21. Student Profile Course-wise: Not Applicable

22. Diversity of Students: Not Applicable

23. How many Students have cleared Civil Services, Defense Services, NET, SLET, GATE and any other Competitive Examinations?

Not Applicable

24. Students Progression

Not Applicable

25. Diversity of Staff

Percentage of faculty who are graduates	UG	PG	Ph.D.
Of the same parent university	Nil	Nil	33.33%
From other universities within the State	93.75%	93.75%	33.33%
From other universities from other States	6.25%	6.25%	33.33%

26. Number of Faculty who were Awarded Ph.D., D.Sc. and D.Litt. during the Assessment Period.

NIL

27. Present details about Infrastructural Facilities

S.No	Name of the Infrastructural Facility	Quantity / Details
1.	Library	No. of Volumes : 20 No. of Titles : 15
2.	Internet facilities for staff and students	Provided computing facility to all teaching staffs with internet connectivity
3.	Total number of class rooms	Not Applicable
4.	Class rooms with ICT facility	Not Applicable
5.	Students' laboratories	1. Chemistry Lab – I 2. Chemistry Lab – II
6.	Research laboratories	Chemistry laboratory (separate space)

28. Number of Students of the Department getting Financial Assistance from College.

Not applicable

29. Was any need Assessment Exercise undertaken before the Development of New Program(s)?

If so, Give the Methodology.

Not Applicable

30. Does the Department obtain Feedback form?**a. Faculty on curriculum as well as Teaching-learning-evaluation? If yes, how does the department utilize it?**

Yes, the department of chemistry obtains feedback from the faculty on curriculum and discusses it in the meetings of the Departmental Advisory Board. The Suggested improvements/modifications by the Departmental Advisory Board will be referred to Board of Studies. After thorough discussions, the apt syllabi will be approved by the Board of Studies.

Concerning teaching –learning evaluation, feedback from faculty on teaching –learning evaluation is obtained. It is also discussed in the meetings of the departmental advisory board. The suggestions of the departmental advisory board will be followed to improve teaching-learning process.

Based on the evaluation report, as per the requirement, the faculty moulds himself / herself to improve the student's performance.

Faculty also gives self-evaluation report (based on the performance of students) about the teaching- learning- process and this is used for necessary modifications/ improvement of in the teaching- learning- process.

Further, the feedback on curriculum and teaching learning process will be utilized in improving the performance of both students as well as faculty.

b. Students on staff, curriculum as well as teaching-learning-evaluation and what is the response of the department to the same?

Feedback on Staff:

Students' feedback about the faculty is taken two times in a semester (on the parameters like, knowledge on the subject, presentation skills, punctuality, regularity, completion of syllabus on time, clarification, of doubts standard of question papers and standard of evaluation etc.), then it is analyzed and the concerned teacher is appraised about his/her evaluation/performance. Depending upon the feedback, certain measures will be taken to improve the performance of such of those staff members whose feedback is not good.

Feedback on Curriculum:

Feedback on the curriculum will be obtained from the students by Course Exit Survey. This feedback is discussed in the meetings of the departmental advisory board. The resolutions of these meetings will be passed to the Board of Studies for final modifications. The resolutions of the Board of Studies will be implemented.

Feedback on Teaching-Learning-Evaluation:

Feedback from students on teaching –learning-evaluation is obtained at the end of each semester. It is used for making the improvements in the teaching learning process.

c. Alumni and employers on the programmes and what is the response of the Department to the same?

Not Applicable

31. List the Distinguished Alumni of the Department (Maximum 10)

Not Applicable

32. Give details of Student Enrichment Programmes (Special Lectures / Workshops / Seminar) with External Experts

NIL

33. List the Teaching Methods adopted by the Faculty for Different Programmes.

- Chalk and Board
- Activity Based teaching
- Information Communication Technology
- Video Based Teaching
- Project based learning
- NPTEL
- Flipped classroom, Think pair share
- Blended learning, seminars and guest lectures

34. How does the Department Ensure that Programme Objectives are constantly Met and Learning Outcomes Monitored?

The Programme Objectives and the Course Outcomes are attained through proper curriculum design and effective teaching methodologies keeping in view of Programme Objectives and Course Outcomes.

The curriculum will be designed by including various theory topics and experiments to meet the Programme Objectives. It will be ensured that the Course Outcomes are in alignment with the Programme Outcomes. Both Direct and Indirect assessment tools are used to analyze the of Course Outcomes. The attainment of Course Outcomes is carried out through the Direct Assessment tools such as Assignments, midterm examinations and semester end examinations. The Indirect Assessment is accomplished by case studies, course end survey and rubrics etc., there will be regular interactions among the faculty and students to achieve the higher level of attainment of Course Outcomes.

35. Highlight the Participation of Students and Faculty in Extension Activities.**Students**

Not applicable

Faculty

Our faculty regularly participates in Conferences /Workshops and Paper Presentation competitions.

Our faculties are actively engaged in organizing several curricular, co- curricular extracurricular activities.

Some faculty participates in cultural events.

36. Give details of “Beyond Syllabus Scholarly Activities” of the Department.

The department involves in “Beyond Syllabus Scholarly Activities” by encouraging students to carry out certain minor research projects which partly include the knowledge which is beyond the curriculum. In the laboratory also, students are motivated to design new experiments based on the theoretical concepts.

37. State whether the Programme/Department is Accredited/Graded by the other Agencies.**Give details**

Not Applicable

38. Detail any Five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the Department

Strengths

1. Faculty members are committed teachers and researchers.
2. Faculty attend conferences workshops etc regularly to update their knowledge
3. Faculty actively takes part in co-curricular and / extracurricular activities, workshops and training progress with Technology Enabled Learning
4. Faculty is well experienced to bridge the academic gap between 10+2 and engineering course.
5. We have good infrastructure, well equipped laboratories and adequately stocked library.
6. Our management is progressive, accommodative and liberal. This adds a lot to the department

Weakness

The department is lacking in the following

1. Research grants
2. Patents
3. Post graduate programme
4. Publications in high impact factor journals
5. Organizing conferences /seminars

Opportunities

1. We have good opportunity to carry out research in our department.
2. Our institution is autonomous. So, we can frame our own syllabus to introduce of more number of industry oriented topics in the syllabi from time to time for the benefit of students.
3. As our institution is autonomous, we can teach some topics and perform some experiments beyond approved syllabus.
4. We can organize conferences /seminars
5. We can set question papers for our own students following Blooms Taxonomy.

Challenges

1. To be one of the best departments in the teaching and research in Telangana and in India.
2. To own patents
3. To procure research grants
4. To make innovation in pedagogy of teaching
5. To design green chemistry experiments

39.Future Plans of the Departments

1. To further improve the teaching standards and the quality research.
2. To involve more number of scholars in research
3. To procure research grants.
4. To own patents.
5. To start post graduate programmes.

Evaluative Report of the Department English

1. Name of the Department & its Year of Establishment:

Name of the Department: English

Year of Establishment : 2012

2. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)

Supporting Department to all UG Programmes (B.Tech, B.Pharmacy) PG-MBA

3. Interdisciplinary Courses and Departments Involved

Not Applicable

4. Annual/ Semester/Choice Based Credit System

Semester & Choice Based Credit System

- Department of English is one of the strongest Departments of Humanities and Sciences. We offer many courses like theory and laboratories, soft skills courses, personality development courses, career development courses as regular, mandatory and elective courses to enhance the communicative competence of the students to cater their needs at global level.

By taking feedback from students, stakeholders, experts from industry and senior academicians, our mandatory courses and open electives are proposed and approved by Board of Studies of Department of English. The aforesaid courses have been designed by the members BOS and Department Academic Advisory Board.

5. Participation of the Department in the Courses offered by other Departments

S.No	Interdisciplinary Courses Offered	Name of the Departments Involved
I	Regular Courses Offered	
1	English-I	I B.Tech(All Branches)&B.Pharmacy
2	English Language Communication Skills Lab-I	I B.Tech(All Branches) & B.Pharmacy
3	English-II	I B.Tech(All Branches) & B.Pharmacy
4	English Language Communication Skills Lab-II	I B.Tech(All Branches) & B.Pharmacy
5	Advanced English Communication Skills Lab	III B.Tech(All Branches) B.Pharmacy
6	Gender Sensitisation	II B.Tech(All Branches) & B.Pharmacy
7	Personality Development and Soft Skills	II B.Tech(Mech.Engg.)
8	Personality Development and Career Building	III B.Tech(All Branches)
II	Mandatory Course	
9	English for life skills	All UG Programmes
III	Open Electives	
10	Essential English and Employability Skills	All UG Programmes
11	Business English	All UG Programmes

6. Number of Teaching Posts Sanctioned and Filled (Professors/Associate Professors/ Asst. Professors)

Teaching Post	Sanctioned	Filled
Professors	1	1
Assistant Professors	11	11

7. Faculty Profile with Name, Qualification, Designation, Specialization (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

S.No	Name of the Faculty	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students Guided for the last 4 years
1	Dr.G.V.S.Ananta Lakshmi	M.A., Ph.D. (Eng)	Professor	American Literature	16	---
2	Mr.M. Srinivas Rao	M.A (Eng)	Asst.Prof	English Literature	16	---
3	Mrs.V.Padma	M.A. M.Phil	Asst.Prof	English Language Teaching	18	---
4	Mr. A.Pradeep Kumar	M.A., (Eng)	Asst Prof	American Literature	20	---
5	Mr.M.Venkateswara Reddy	M.A., (Eng)	Asst Prof	English Literature	9	---
6	Mr.Allam Narendra	M.A., (Eng)	Asst Prof	Postcolonial Literature	3	---
7	Mr.P.Shivaram	M.A., (Eng)	Asst Prof	American Literature	5	---
8	Ms.Sarika Chowdary	M.A., (Eng)	Asst Prof	American Literature	2	---
9	Mr.A.Manohar Reddy	M.A., (Eng)	Asst Prof	American Literature	5	---
10	Mr.P.Rajaroo	M.A.,(Eng)	Asst Prof	ELT	6	---
11	Mrs.Ch. Aparna	M.A., (Eng)	Asst Prof	American Literature	9	---
12	Mr. Y Devaraj	M.A., (Eng)	Asst Prof	English Literature	7	---

8. Percentage of Classes taken by Temporary Faculty – Programme-wise Information

NIL

9. Programme-wise Student Teacher Ratio

Not Applicable

10. Number of Academic Support Staff (Technical) and Administrative Staff: Sanctioned and Filled

S.No	Staff Category	Sanctioned	Filled
1.	Academic Support Staff (Technical)	3	3
2.	Departmental Attender	1	1

11. Number of Faculty with Ongoing Projects from a) National b) International Funding Agencies and c) Total Grants Received. Mention Names of Funding Agencies and Grants Received Project-wise. NIL

12. Departmental Projects Funded by DST-FIST; DBT, ICSSR, Etc.; Total Grants Received: NIL

13. Research Facility / Centre with

- * State Recognition: NIL
- * National Recognition: NIL
- * International Recognition: NIL

14. Publications

Publication Details of the faculty.

S.No	Year	National Conference (NC)	International Conference (IC)	National Journal (NJ)	International Journal (IJ)	Chapters	Total
1	2013-14	1		1		1	3
2	2014-15	3		1	3	8	15
3	2015-16		2		7	2	11
Total		4	2	2	10	11	29

1	Chapters in Books	11
2	Citation Index- Range/ average	Range: 0-8
3	Impact Factor- Range/ average	Range:0.4-1.42 Average: 0.42
4	h- index	0-4

LIST OF PUBLICATIONS (2014-15)

S.No	Name of the Author	Title	Volume /Issue/ Page No.	NJ/IJ,	Year of Publication	ISSN No./ISBN	Journal Name/ Book Name
1.	Dr.Santosh Ajith Singh	Language, Literature & Linguistics: Women & Identity in J M Coetzee's Slow Man		IC	2015		A Two-Day International Academic & Research Conference India 2015
2.	Dr Santosh Ajith Singh	Globalism and Literature: The Fiction of J M Coetzee		IC	2015		A Three – Day International Conference on Landmarks in Indian and World Literature
3.	Dr.GVS Ananta Lakshmi	Mobile Apps: A powerful tool for Vocabulary Development	Vol. 5.2.20 16, 142- 148	IJ	2016	ISSN India-2278-0742	International Journal of English Literature and skills(IJELLS)
4.	Dr.Santosh Ajith Singh	English & Globalization - Business English - The Challenge for Academic Institutions	Vol 3 Issue 2, 114- 116	IJ	2015	ISSN 2330-6942	Human Rights International Research Journal
5.	Mr.A.Pradeep Kumar	Quest for Identity in Shashi Deshpande's "That Long Silence"	vol. 3.3.20 15, 213- 219	IJ	2015	ISSN India - 2395-2636 Online - 2321-3108	Research Journal of English Language and Literature (RJELAL)
6.	Mr.A.Pradeep Kumar	Role of English language in improving the Employability skills of undergraduate Engineering Students	Vol. 1.1.20 15	IJ	2015	ISSN 2395-4795	The Global Journal Of English Studies- A Peer reviewed International Journal

7.	Mr.A.Pradeep Kumar	Portrayal of Political Issues and Historical Trauma in Chaman Nahal's Azadi	Vol 7.1.20 16, 103- 108	IJ	2016	ISSN 0976- 3686	Contemporary Discourse - A Peer reviewed International Journal
8.	Mr.A.Pradeep Kumar	Theme of Partition in Manju Kapur's Difficult Daughters	Vol 7.1.20 16, 184- 189	IJ	2016	ISSN 0975- 6248	National Literary Insights – A Refereed International Journal
9.	Mrs.V.Padma	Teaching English as a second Language to Vernacular students : some issues and challenges	Vol 1.4.20 16, 124- 128	IJ	2016	ISSN 2454- 5511	Global English-Oriented Research Journal(GEORJ)
10.	Mrs.V.Padma	Quest for Identity in Manju Kapur's The Immigrant	114- 120	BO OK	2016	ISBN 978- 93- 82630- 88-3	Critical Readings on the Fictional world of Manju Kapoor Book – Aadi Publishers
11.	Mr.A.Pradeep Kumar	Feminist, Political and Sociological Perspectives in Manju Kapur's Difficult Daughters	183- 195	BO OK	2016	ISBN 978- 93- 82630- 88-3	Critical Readings on the Fictional world of Manju Kapur Book – Aadi Publishers

15. Details of Patents and Income Generated NA

16. Areas of Consultancy and Income Generated

Anurag Group of Institutions has entered into Memorandum of Understanding (MoU) with Dr. Reddy's Laboratories, an Indian multinational pharmaceutical company based in Hyderabad, Telangana, India. This would enable the institution to better align with the industries and equip with latest trends in technology and knowledge sharing from the partners. The training sessions for the apprentice employees of **Dr. Reddy's Laboratories** are being conducted on '**Communication Skills**'. The duration of this course is for the duration of 3 months, and 18 Hours are allotted for the completion of the entire course per each batch. The remuneration is paid to the faculty on hourly basis. (Completed 14 batches till the date)

17. Faculty Recharging Strategies

Academic Staff	No. Of Faculty Participated			
	2015-16	2014-15	2013-14	2012-13
Development Programs				
National Conferences	2	2	1	2
International Conferences	6	1	2	---
Workshops	1	---	4	2
National Seminar	1	1	---	1
STTP / FDP / FIP	1	2	2	1

18. Student Projects

As a part of Innovative and ‘beyond the curriculum’ Practices, English language projects are assigned and guided by the faculty to the students of III-B.Tech (I&II-Semesters) & B.Pharmacy (I&II- semesters). These projects promote the students to learn about data collection, compilation of data systematically and also the preparation of the draft of project report with bibliographic details. This project will lay in-roads for the students to write research papers for international or national journals. These projects are unique and will give hands on experience for students which are first of its kind.

19. Awards / Recognitions Received at the National and International Level

Faculty: 01- Dr. G V S Ananta Lakshmi – Editor and Reviewer of Board of Athens Journal of Philology, Athens Greece.

Doctoral / Post Doctoral Fellows: NIL **Students:** NIL

20. Seminars/ Conferences/Workshops Organized and the Source of Funding (National/ International) with Details of Outstanding Participants, If any.

- A Workshop on Soft Skills was organised for faculty members of Anurag Group of Institutions and other engineering colleges organized by Department of English in collaboration with Electronics & ICT Academy, NIT, Warangal and TASK, sponsored by Department of Electronics and Information Technology (DeitY), GOI. from 11th -16th July 2016.
- A Workshop on Gender Sensitization was conducted by Department of English, AGI on 9th December 2015. Prof. Susie Tharu (EFLU) was the resource person of the workshop. She discussed gender issues, about femininity, relationships, responsibilities, gender identities. It has also observed that ‘gender sensitization is not a matter for students alone, but is

required in all Colleges and Universities and for all sections of the community – students, faculty in all disciplines, support staff and in administration.

- A Language Teachers’ Colloquium was conducted on 16th July 2014 for all the faculty members of Anurag Group of Institutions to discuss the various teaching methodologies, techniques and strategies to be adopted and shared in the classrooms.

21. Student Profile Course-wise: Not Applicable

22. Diversity of Students : Not Applicable

23. How many Students have Cleared Civil Services, Defense Services, NET, SLET, GATE and any other Competitive Examinations?: Not Applicable

24. Students Progression: Not Applicable

25. Diversity of Staff

Percentage of faculty who are graduates	UG	PG	Ph.D
of the same parent university	-	-	6%
from other universities within the State	71%	71%	-
from other universities from other States	29%	29%	-

26. Number of Faculty who were Awarded Ph.D., D.Sc. and D.Litt. during the Assessment Period.

NIL

27. Present details about Infrastructural Facilities

S.No	Name of the Infrastructural Facility	Quantity / Details
1.	Library	31 titles on racks
2.	Internet facilities for staff and students	Provided computing facility to all teaching staff with internet connectivity
3.	Total number of class rooms	Not Applicable
4.	Class rooms with ICT facility	Not Applicable
5.	Students’ laboratories	Computer-Assisted Language Lab & Interactive Communication Skills Lab Advance English Communication Skills Lab
6.	Research laboratories	NIL

28. Number of Students of the Department getting Financial Assistance from College.

Not Applicable

29. Was any need Assessment Exercise undertaken before the Development of New Programme(s)? If so, Give the Methodology.

By taking feedback from students, stakeholders, experts from industry at the time of campus recruitment and senior academicians, mandatory course **(English for Life Skills)** and open electives **(Business English and Essential English and Employability Skills)** have been approved by Board of Studies of Department of English. The aforesaid courses have been designed by the members of the Department and Advisory Board. They were kept in front of BOS and Academic Council, and this was approved.

30. Does the department obtain feedback form?

- a. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize it?
- b. Students on faculty, curriculum as well as teaching-learning-evaluation
- c. Alumni and employers on the programmes and what is the response of the department to the same?

Not Applicable (Department of English is a supporting department).

31. List the distinguished alumni of the department (maximum 10)

Not Applicable (Department of English is a supporting department).

32 Details on student enrichment programmes (special lectures/ workshops/ seminars) with external experts.

Workshops and seminars have been conducted for the B.Tech students of the first and third year in the areas of Communication Skills, How to Build Successful Career, Interview Skills, Teenage Emotions-Empowerment and Personality Development and Need for Professional Communication. The students were benefitted by learning the soft skills and Effective Communication Skills. They learned to choose their career through guidance given by the experts. They also learned about the emotions to be controlled by them at the teenage level. A special training was imparted for their personality development as well.

S.No	Seminar/ Workshop/ Special Lecture	Title of the Programme	Name & Designation of External Experts	Date of the Programme
1.	Seminar for First year Students	Communication Skills	Prof. Sumita Roy, Department of English, OU	16 July 2012
2	Seminar for the first year Students	How to Build Successful Career	Mr. Anil Nair, Motivational Trainer	11 Dec 2013

3	Seminar for the first year Students	How to become a good professional?	Dr. U. Balaji, Motivational Trainer	9 Dec 2013
4	Workshop for the first year Students	Interview Skills	Mr. Sumanth Palepu, General Manager, Conduira	23 Aug 2014
5.	Seminar for the third year Students	How to build successful Career	Ms. K.Lalitha (TCS) Team Lead	26 Feb 2014
6	Seminar for the third year Students	Interview Skills	Mr. Bhargav, Motivational Trainer	24 Feb 2014
7.	Workshop for the first year Students	Teenage Emotions-Empowerment	Dr.C.Veerender Softskills Trainer	14 Oct 2014
8.	Seminar for the first year Students	Personality Development and Need for Professional Communication	Prof. M.L. Sai Kumar , Coordinator Institute of Public Enterprise, Shamirpet, Hyderabad	17 Mar 2015
9.	Seminar for the first year Students	Career Prospects in CSE and IT fields	Dr.V. Vijaya Kumar, Dean CSE & IT	5 May 2015

33. List the Teaching Methods adopted by the Faculty for Different Programmes.

Activity-Based Language Learning

Task-Based Language Learning (TBLL)

Information and Communication Technologies (ICT)

34. How does the Department ensure that programme Objectives are constantly Met and Learning Outcomes Monitored?

The attainment of programme objectives and the learning outcomes are ensured through proper curriculum design. The curriculum is designed with various theory, laboratory and elective courses to meet the Programme Educational Objectives, Programme Outcomes and Course Outcomes. The Course Outcomes are clearly defined to ensure that the courses are aligned with the Programme Outcomes. The attainment analysis of Programme Educational Objectives is done through the indirect assessment tools such as Survey, Employer Survey and collection of inputs from 'Focus Group' meetings. Through regular interaction among the course instructors and domain coordinators, efforts are taken to ensure the attainment of outcomes. Programme Outcome Attainment Assessment is performed through direct assessment tools such as Course Outcome attainment, rubrics for analyzing open ended tasks, student portfolio and performance of students in national and international level exams. Indirect assessment tools such as Exit survey and Employer survey are also used. The attainment of course outcomes is monitored through the direct assessment tools such as assignment, seminar, test, mini-project, case studies, group task, presentations and lab courses

35. Highlight the participation of students and faculty in extension activities.

Mock interviews

Mock Interviews are conducted for all branches of III-B.Tech (I&II semesters) have been conducted since 2013-14 batches of students. These interviews are conducted with English faculty members and IV-B.Tech students as panelists. The methodology is that one faculty member along with two IV-B.Tech students as panelists conducts interview for each student. Mock interviews enable students to have a fair idea about the sort of things they are going to experience in actual interviews, and prepare them how accurately they can deal with it. Model interviews were conducted by the IT professionals from corporate industry, HR professionals and motivational trainers. The students who participate in Mock Interviews will be able to learn about different kinds of questionnaire usually asked by the MNCs. This being apart, the students will be able to test the application of their language skills, body language (behaviour, attitude, gestures, posture etc.), tone of voice, way of answering the typical interview questions and confidence levels. Right from the way of stepping into the room, expressing greetings to the panelists, way of looking at them, style of sitting and manner of responding to them – everything is counted and evaluated. Mock Interview sessions are the best ways to gather knowledge about all these little details which are too important to overlook. After the interviews are conducted, all panelists will address all participants. The student participants will get to know about their performance in the interview.

Objectives of Conducting Mock Interviews:

1. For building confidence among the students.
2. Enabling the students to understand their verbal and non verbal communicative competence.
3. Assessment of student's answers for the HR questions, asked by the panelists, with reference to soft skills.
4. Giving feedback of students' performance immediately after the mock interview of each section along with suggestions and recommendations.

Methodology Followed:

1. Very important HR sample questions (FAQs) from different sources are collected, and the list of questionnaire is given to all the students well in advance asking them to come prepared to perform well in the interview.
2. Students are instructed to attend the interviews in professional attire unfailingly.
 1. Method I-There are three /Multiple panels (Panel-I+ Panel-II+ Panel-III+ Panel-IV), and each panel consists of 1 English faculty/MBA faculty and 2 final year students to evaluate each student for 50 points.

Final year students are included in the panel to give them hands-on experience of understanding the Dos and Don'ts of the actual interview.

2. Method II- There are three panels (Panel-I+ Panel-II+ Panel-III+ Panel-IV), with 1 English faculty and each faculty makes an assessment of student's performance for 20 points.
3. The parameters for the assessment of students are **body language, clarity, communication skills and team player.**

Class News Magazine

As a maiden attempt and innovative teaching practice, first year students are motivated and guided to prepare and release a Class Magazine. As a part of it the students of I-B.Tech (CSE-A) brought out a magazine every month under the Chief Editorship of Dr. G.V.S. Anantha Lakshmi. The class of 60 students is divided into 6 teams, each consisting of 10 students and a team Lead.

Name of Magazine: BHARATH

Editorial Board

The Sub-Editors and Assistant editors are selected through voting process.

- 1. Chief Editor – English Faculty Member**
- 2. Sub-Editors (4 from students)**
- 2. Asst. Editors (6 from students)**

The Themes of Magazine:

Each team of students is allotted with one theme.

Different Themes of Magazine:

- 1. Sports**
- 2. Interview**
- 3. Technology**
- 4. Photo Story**
- 5. Music**
- 6. Comic/Puzzles**

The students are able to learn Data Collection, Compilation of Data, Report Writing Skills, Team Building Skills, Grammatical Skills and Interview Skills.

Wall Dictionary

Learning vocabulary plays a pivotal role in the academic life of any student. Apart from adopting many methodologies by English teachers in the class room and laboratory, the wall dictionary is a very good tool that is used in every classroom. To serve the purpose of promoting competence in the vocabulary building, a white board is used, and it is displayed on the wall of every classroom. Every day, one student will write ten words with its meaning, phonetic transcription, the part of speech with example sentence. This will contribute a great deal for every student of the classroom to learn difficult words with their correct pronunciation. This makes the students to prepare easily for the competitive examinations like GRE, IELTS, CAT, GMAT and other examinations. Besides writing the words on the wall dictionary, the students will be asked to write synonyms, antonyms, phrases, one-word substitutes and idiomatic expressions also. This kind of learning will contribute a lot to the student to learn communication skills effectively.

English Language Projects

The English faculty members assign and guide English Language Projects to I& III-B.Tech students. Firstly, each faculty will segregate all the students of his branch into different batches, each consisting of 5 or 6 students. Then from each team one Team Lead is selected to coordinate his team. The Branch specific industries are selected and allotted. The students have to visit different industries to gather the information related to their given topic. This project comes under English for Specific Purposes (ESP) by which means the students will be able to learn technical communication skills. It is a time-bound project work. These projects can promote the students to learn about research abilities, data collection, and compilation of data systematically and also the preparation of the draft of project report with bibliographic details. This project will lay in-roads for the students to write research papers for international or national journals.

Language Survey Projects by I B.Tech Students

The aim of the project is to make the strengthen students in three important aspects like collection, compilation and presentation of data. It also focused on to improve basic communication skills of students (LSRW Skills).

The following Language Survey Projects were assigned to I B.Tech II Semester (2015-2016) CSE-A.

1. Communicative Competence in MBA students of AGI
2. Communicative Competence in B.Pharmacy students of AGI
3. Communicative Competence in I Year B.Tech ECE students of AGI.
4. Communicative Competence in I Year B.Tech EEE & CHEM students of AGI.

5. Communicative Competence in I Year B.Tech CIVIL students of AGI.
6. Communicative Competence in I Year B.Tech MECH students of AGI.
7. Communicative Competence in I Year B.Tech CSE & IT students of AGI.
8. Impact of extracurricular activities on Students: A Critical study (NSS).
9. Students – sports- studies: A Critical Study
10. Role of Library in Student life: A Critical Study

Methodology-I:

Topics were assigned to students.

- Students have prepared Questionnaire (LSRW) grammar and vocabulary separately.
- They approached around 100 students, faculty members and higher officials to collect the data.
- Data collected is pooled up and analyzed and based on the rubrics fixed by students.
- Based on data analysis graphs are prepared.
- Reports are prepared by all the team members and a presentation is given in the final lab external examination.

Methodology –II

- Interview with NSS Coordinator, Physical Directors, Players, NSS Volunteers is included.
- Outcomes of the survey.
- Students have learnt conversational skills and improved their colloquial English.
- The three stages of the project data collection, data compilation and data presentation gave the students rich language experiences.
- The basic skills (LSRW) were improved.
- Students have also learnt team work, problem solving skills, decision making skills and presentation skills.

Vocabulary Greeting Cards

The students are regularly encouraged to prepare vocabulary display cards, which is an innovative and creative. It includes, word roots, affixes, homonyms, homophones, homographs etc. This practice makes the students to learn new words and their usage.

Phonetic Cards

As a part of learning Phonetics, the students are asked to prepare Phonetic cards. In these cards, they write different Vowel and Consonant sounds. This practice will enable the students to know about 44 English speech sounds thoroughly which, in turn, help them learn and write phonetic transcription very well. This the way the students will get mastery over

correct pronunciation of unfamiliar words. They can do this using a Standard English dictionary.

36. Give details of “Beyond Syllabus Scholarly Activities” of the Department.

Mock Interviews

Mock Interviews are conducted for all branches of III-B.Tech (I&II semesters) have been conducted since 2013-14 batches of students. These interviews are conducted with English faculty members and IV-B.Tech students as panelists. The methodology is that one faculty member along with two IV-B.Tech students as panelists’ conducts interview for each student. Mock interviews enable students to have a fair idea about the sort of things they are going to experience in actual interviews, and prepare them how accurately they can deal with it. Model interviews were conducted by the IT professionals from corporate industry, HR professionals and motivational trainers. The students who participate in Mock Interviews will be able to learn about different kinds of questionnaire usually asked by the MNCs. This being apart, the students will be able to test the application of their language skills, body language (behaviour, attitude, gestures, posture etc.), tone of voice, way of answering the typical interview questions and confidence levels. Right from the way of stepping into the room, expressing greetings to the panelists, way of looking at them, style of sitting and manner of responding to them – everything is counted and evaluated. Mock Interview sessions are the best ways to gather knowledge about all these little details which are too important to overlook. After the interviews are conducted, all panelists will address all participants. The student participants will get to know about their performance in the interview.

Objectives of Conducting Mock Interviews:

1. For building confidence among the students.
2. Enabling the students to understand their verbal and non verbal communicative competence.
3. Assessment of student’s answers for the HR questions, asked by the panelists, with reference to soft skills.
4. Giving feedback of students’ performance immediately after the mock interview of each section along with suggestions and recommendations.

Methodology Followed:

1. Very important HR sample questions (FAQs) from different sources are collected, and the list of questionnaire is given to all the students well in advance asking them to come prepared to perform well in the interview.

2. Students are instructed to attend the interviews in professional attire unfailingly.
3. Method I-There are three /Multiple panels (Panel-I+ Panel-II+ Panel-III+ Panel-IV), and each panel consists of 1 English faculty/MBA faculty and 2 final year students to evaluate each student for 50 points.
4. **Final year students are included in the panel to give them hands-on experience of understanding the Dos and Don'ts of the actual interview.**
5. Method II- There are three panels (Panel-I+ Panel-II+ Panel-III+ Panel+|IV), with 1 English faculty and each faculty makes an assessment of student's performance for 20 points.
6. The parameters for the assessment of students are **body language, clarity, communication skills and team player.**

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correct pronunciation of unfamiliar words. They can do this using a Standard English dictionary.

Quiz

Different quizzes like vocabulary quiz logo quiz, lesson related quiz grammar quiz are conducted regularly, the students will be asked to participate in quizzes conducted by English faculty members. This will be conducted in the laboratory by dividing the students into groups, each consisting of 3-5 students. The winning teams are rewarded. This quizzing competition enabled the students to assess their learning of vocabulary.

Mock Group Discussions:

A Group Discussion can be defined as a formal discussion involving 8 to 10 students or participants in a group to discuss 'the given or chosen topic.' The GD process is to assess a candidate's personality traits. Before conducting the Group Discussion, the English teachers briefed and train in the Dynamics of GD. While organizing the activity, the English teachers assessed the parameters in the students, termed as Dynamics of GD: Verbal and Non-Verbal Communication Skills (Body Language and Intonation), Awareness of the given topic, Flexibility, Assertiveness, Initiative, Creativity, Team Player, Reasoning Ability, Leadership qualities and Inspiring ability. Apart from the aforementioned, the students will be taught and trained to know **dos and don'ts of a group discussion.**

After grooming the students and conducting two or three practice Group Discussion sessions, **Mock GD** is conducted with faculty as panel members. The parameters for assessment are Comprehensive skills, Analytical Skills, Leadership & Initiative, Body Language, Interpersonal Skills

Every student is assessed for 25 marks and the A+, A, B, C grades (Very Good, Good, Satisfactory, Needs to Improve) are given.

With this the students gained momentum in becoming good discussants in the Group Discussion. This activity will immensely help students in learning communication skills, problem solving attitude and, more importantly, transforms them in being successful in the on/off-campus placement drives.

Oral Presentations

The students present themselves in different ways on different occasions. As a professional student, they are required to make oral presentations. Hence presentations are conducted regularly for students. These presentations are individual or group presentations, thematic, using Power point, flip charts or poster. Students acquire confidence and skills.

Creative Language Fair

Department of English conducted an innovative “**Creative Language Fair**” for I B.Tech II SEM students of all branches (19 sections) on 20 February 2016 at D Block Ground Floor. Prior to the Language Fair, all the Class Representatives from 19 sections were briefed about the event by the Head, Department of English. Around 152 students with their enthusiastic faculty of English were instrumental in making this programme a grand success. Students showcased their talent along with their exhibits. The colorful fair brought to limelight their creative and artistic talent. The stalls attracted majority of the first year students and all the HOD and Faculty. It was a motivation for many student visitors. The fair helped students to enhance their Creative Thinking, Team Building Skills and Communication skills. Students reflected greater confidence and enterprise. **Best Display, Best Jury, Best Presentation, Best Teamwork** awards and Certificates of Participation were given to the best performers.

Literary Activities

Literary activities are conducted for the I-B.Tech students during tutorial hours and for all the students as a part of Annual Day functions. These activities such as elocution, essay writing, Just A Minute sessions, poetry writing, poster presentation etc. are conducted to promote competence among the students in the areas of creativity, speaking and writing skills.

Mock United Nations Session (MUN)

Department of English in collaboration with CSE and IT Departments conducted **Mock UN session** on 24th February 2015 for B.Tech II, III & IV year students of CSE and IT, with a view to give awareness on international affairs and world issues.

The participants, known as delegates, were placed in committees and assigned countries where they represented members of that body.

Agenda:

Rise of Extremist Groups in the Middle East

37. State whether the Programme/Department is Accredited/Graded by the other Agencies.

Give details: Not Applicable

38. Detail any Five Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the Department

Strengths

- Highly dedicated and experienced faculty members

- Need-based curriculum
- Value-based education
- Activity-Based Teaching Methodology
- Use of Innovative Methods by faculty to teach English effectively
- Consistency in producing 98% result in semester-end examinations
- The Department of English in collaboration with Training and Placement Cell trains the students to improve their soft skills to get placements in the campus placement drives. This being apart, the departmental faculty members teach Personality Development as a course of study to the II B.Tech students.

Weakness

- To be involved in high-end research publications
- To get Major and Minor projects.

Opportunities

- Participation in National and International Seminars & Conferences
- Exposure to Language Workshops

Challenges

- Dealing with the students of mixed abilities
- To improve language proficiency in all the students
- Training in Personality Development in all the students
- Inhibition of fear complex among rural students to speak in English
- Making the students employable in top-notch MNCs

39. Future Plans of the Departments To hone the students' communication skills to reach global standards, global career and entrepreneurship in the present scenario.

Department of Library Sciences and Physical Education

1. Number of Teaching Posts Sanctioned and Filled (Professors/Associate Professors/ Asst. Professors)

Teaching Post	Sanctioned	Filled
Associate Professors	03	03
Assistant Professors	05	05

2. Faculty Profile with Name, Qualification, Designation, Specialization (D.Sc./D.Litt. /Ph.D. / M. Phil. etc.,)

S.No	Name of the Faculty	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. Students Guided for the last 4 years
1	Mrs. N.Sunitha	M.A., M.Li.Sc	Librarian		20	
2	Mr. G.Jagadeesh	M.A., M.Li.Sc	Librarian		15	
3	Mr. G. Venkatesham	M.A., M.Li.Sc	Librarian		15	
4	Mrs. K. Rajanai	M.Li.Sc	Librarian		10	
5	Dr. Tara Singh Thakur	M.P.Ed ,Ph.D	Physical Director		15	
6	Mr. Ch. Mahesh	M.P.Ed	Physical Director		10	
7	Mr. T. Hanumanthu	M.P.Ed	Physical Director		05	
8	Ms. G. Sandhya Rani	M.P.Ed	Physical Director		02	

Declaration by Head of the Institution



Anurag Group of Institutions
(Formerly CVSR College of Engineering)
(Formerly Lalitha College of Pharmacy)
(An Autonomous Institution)

DECLARATION BY THE HEAD OF THE INSTITUTION

I certify that the data included in this Self Study Report (SSR) are true to the best of my knowledge.

This SSR is prepared by the Institution after internal discussions, and no part thereof has been outsourced.

I am aware that the Peer Team will evaluate the information provided in this SSR during the Peer Team visit.




Dr. K.S. Rao
Director
DIRECTOR
ANURAG GROUP OF INSTITUTIONS
(Formerly CVSR College of Engg)
Venkatesapur(V), Ghankesa(M), R.R.Dist-500088(T.S.)



Venkatesapur (V), Ghankesa (M), Medchal (Dist), T.S. 500 088 Ph: 84669 53666, 84669 83666 Fax: 08418 255311 email: info@anurag.edu.in www.anurag.edu.in

CERTIFICATE OF COMPLIANCE



Anurag Group of Institutions
(Formerly CVSR College of Engineering)
(Formerly Lalitha College of Pharmacy)
(An Autonomous Institution)

CERTIFICATE OF COMPLIANCE
(Affiliated to JNTUH, Hyderabad, Recognized by AICTE and an Autonomous Institution)

This is to certify that Anurag Group of Institutions (Autonomous), Hyderabad fulfills all norms:


1. Stipulated by the affiliating university and /or
2. Regulatory Council / body (such as UGC, NCTE, AICTE, NCI, DCI, BCI etc., and)
3. The affiliation and recognition (if applicable) is valid as on day.

In case of affiliation / Recognition or conditional, than detailed enclosures with regard to compliance of conditions by the Institution will be sent



It is noted that NAAC's accreditation, if granted, shall stand cancelled automatically once the institution loses its university affiliation or recognition by the Regulatory Council as the case may be.

In case the undertaking submitted by the Institution is found to be false then the Accreditation given by the NAAC is liable to be withdrawn.

It is also agreed that the undertaking given to the NAAC will be displayed on the college Website.

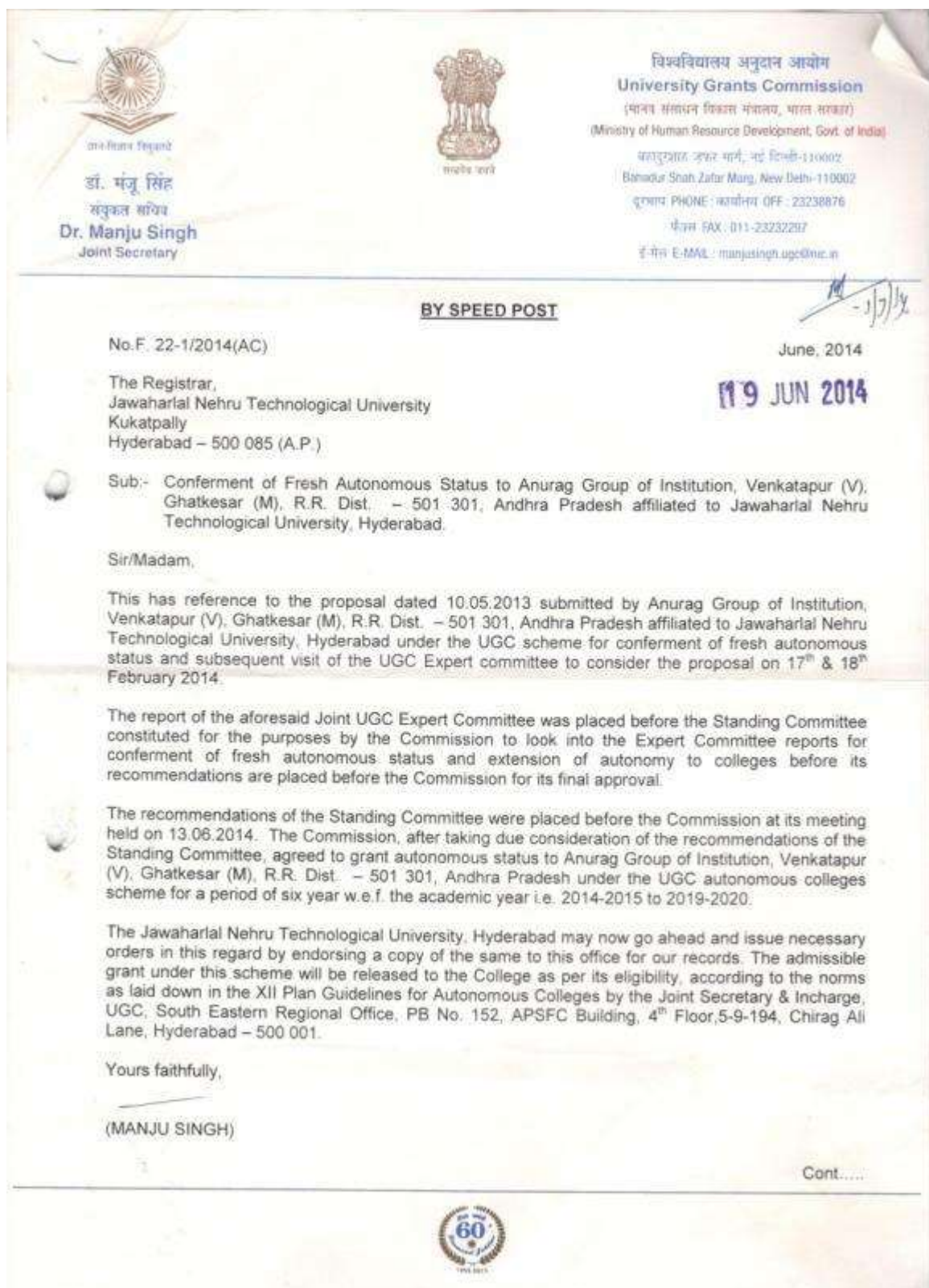


Dr. K. S. Rao
Director
DIRECTOR
ANURAG GROUP OF INSTITUTIONS
(Formerly CVSR College of Engg)
Wankatsapur(V), Ghatkesar(N), F.R.Dist-500098(T.S)



Wankatsapur (V), Ghatkesar (M), Madhwa (Dist), T.S. 500 988 Ph: 84999 53696, 84999 53699 Fax: 08415 250311 email: info@anurag.in www.anurag.edu.in

UGC Autonomy



: 2 :

Copy to:-

1. The Secretary,
Higher Education Department,
Govt. of Andhra Pradesh,
J-Block, 4th Floor, A.P. Sectt.
Hyderabad – 522 022 (Andhra Pradesh)
2. The Joint Secretary & Incharge,
UGC, South Eastern Regional Office,
PB No. 152, APSFC Building,
4th Floor, 5-9-194, Chirag Ali Lane,
Hyderabad – 500 001.
3. The Principal,
Anurag Group of Institution,
Venkatapur (V), Ghatkesar (M),
R.R. Dist. – 501 301,
Andhra Pradesh.

(A copy of the Expert Committee report is also enclosed for your information and guidance.)

4. Meeting Cell.
5. Concerned file
6. Guard File.

Manj-S-11
(MANJU SINGH)

APPENDIX

CERTIFICATE OF UGC RECOGNITION UNDER 2(F) & 12(B)

Ph. 23236351, 23232701, 23237721
23234116, 23235733, 23232317
23236735, 23239437, 23219627

Extension No. 413 (CPP-I Colleges)
UGC Website: www.ugc.ac.in
F. No. 8-634/2012 (CPP-I/C)



बहादुरशाह जफर मार्ग
नई दिल्ली-110 002
UNIVERSITY GRANTS COMMISSION
BAHADURSHAH ZAFAR MARG
NEW DELHI-110 002

December, 2012

The Registrar,
Jawaharlal Nehru Technological University
Kukatpally, Hyderabad – 500 085
Andhra Pradesh

11 DEC 2012

Sub: Recognition of College under Section 2 (f) & 12 (B) of the UGC Act, 1956.

Sir,

I am directed to refer to the letter no. AGI/ADMIN/D.No:4/12 dated 26-07-2012 received from the Principal, Anurag Group of Institutions, Venkatapur (V), Ghatkesar (M), Dist. Ranga Reddy – 501 301 (Andhra Pradesh) on the above subject and to say that it is noted that the following college is **un-aided/self financed** and **permanently** affiliated to **Jawaharlal Nehru Technological University, Hyderabad**. I am further to say that the name of the following college has been included in the list of colleges prepared under Section 2 (f) & 12 (B) of the UGC Act, 1956 under the head '**Non-Government, self financed** Colleges teaching upto **Master's Degree**' to make it eligible to receive Central assistance from sources other than UGC:-

Name of the College	Year of Establishment	Remarks
Anurag Group of Institutions, Venkatapur (V), Ghatkesar (M), Dist. Ranga Reddy – 501 301, Andhra Pradesh.	2002	As the College is charging fee as per State/University norms and a certificate in this regard has been received in UGC. The College would also be eligible to get grant for all UGC schemes related to teachers and students only as per the decision of the Commission dated 8 th July 2011.

The Indemnity Bond and the other supporting documents submitted in respect of the above College have been accepted by the University Grants Commission.

Yours faithfully,

(Raksha Pahwa)
Under Secretary

Copy to:-

1. The Principal, Anurag Group of Institutions, Venkatapur (V), Ghatkesar (M), Dist. Ranga Reddy – 501 301 (Andhra Pradesh).
2. The Secretary, Government of India, Ministry of Human Resource Development, Department of Higher Education, Shastri Bhawan, New Delhi - 110 001.
3. The Secretary (Higher Education), Government of Andhra Pradesh, Secretariat Building, J-Block, 4th Floor, Hyderabad – 500 022, (Andhra Pradesh).
4. The Joint Secretary, UGC, South Eastern Regional Office (SERO), P.B. No. 152, A.P.S.F.C. Building, IV Floor, 5-9-194, Chirag Ali Lane, Hyderabad - 500 001, (Andhra Pradesh).
5. Publication Officer (UGC-Website), New Delhi.
6. Section Officer (FD-III Section), UGC, New Delhi.
7. Guard file.

(Sunita Gulati)
Section Officer

AICTE EXTENSION APPROVAL FOR THE ACADEMIC YEAR 2016-17



All India Council for Technical Education
(A Statutory body under Ministry of HRD, Govt. of India)

7th Floor, Chandralok Building, Janpath, New Delhi- 110 001
PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 www.aicte-india.org

F.No. South-Central/1-2812770772/2016/EOA

Date: 30-Apr-2016

To,

Sub: Extension of approval for the academic year 2016-17

Ref: Application of the Institution for Extension of approval for the academic year 2016-17

Sir/Madam,

In terms of the provisions under the All India Council for Technical Education (Grant of Approvals for Technical Institutions) Regulations 2012 notified by the Council vide notification number F-No.37-3/Legal/2012 dated 27/09/2012 and norms standards, procedures and conditions prescribed by the Council from time to time, I am directed to convey the approval to

Regional Office	South-Central	Application Id	1-2812770772
Name of the Institute	ANURAG GROUP OF INSTITUTIONS	Permanent Id	1-6319331
Name of the Society/Trust	GAYATHRI EDUCATIONAL AND CULTURAL TRUST	Institute Address	VENKATAPUR (VILLAGE), GHATKESAR (MANDAL), RANGAREDDI, Telangana, 501301
Institute Type	Unaided - Private	Society/Trust Address	VENKATAPUR (V),GHATKESAR,RANGAREDDI,Telangana,501301

Opted for change from Women to Co-ed and Vice versa	No	Opted for change of name	No	Opted for change of site	No
Change from Women to Co-ed approved and Vice versa	Not Applicable	Change of name Approved	Not Applicable	Change of site Approved	Not Applicable

To conduct following courses with the intake indicated below for the academic year 2016-17

Application Id: 1-2812770772			Course	Full/Part Time	Affiliating Body	Intake 2015-16	Intake Approved for 2016-17	MRI Approval status	PFD / FN / Gult quota Approval status	Foreign Collaboration/Twinning Program Approval status
Program	Shift	Level								
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	CAD CAM	FULL TIME	Jawaharlal Nehru Technological University, Kukatpally	1B	1B	NA	NA	NA
ENGINEERING AND	1st Shift	POST GRADUATE	COMPUTER SCIENCE	FULL TIME	Jawaharlal Nehru Technological	1B	1B	NA	NA	NA

Application Number: 1-2812770772

Note: This is a Computer generated Report.No signature is required.

Page 1 of 6
Letter Printed On: 7 May 2016

Printed By : AN4528451



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(A Statutory body under Ministry of HRD, Govt. of India)
7th Floor, Chandralok Building, Janpath, New Delhi- 110 001
PHONE: 23724151/52/53/54/55/56/57 FAX: 011-23724183 www.aicte-india.org

TECHNOLOGY		DUA TE			University, Kukatpally					
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	COMPUTER SCIENCE AND ENGINEERING	FULL TIME	Jawaharlal Nehru Technological University, Kukatpally	36	36	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	CONSTRUCTION MANAGEMENT	FULL TIME	Jawaharlal Nehru Technological University, Hyderabad	24	24	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	ELECTRICAL POWER SYSTEMS	FULL TIME	Jawaharlal Nehru Technological University, Kukatpally	18	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	EMBEDDED SYSTEMS	FULL TIME	Jawaharlal Nehru Technological University, Kukatpally	18	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	MACHINE DESIGN	FULL TIME	Jawaharlal Nehru Technological University, Kukatpally	24	24	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	POWER ELECTRONICS AND ELECTRICAL DRIVES	FULL TIME	Jawaharlal Nehru Technological University, Kukatpally	36	36	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	SOFTWARE ENGINEERING	FULL TIME	Jawaharlal Nehru Technological University, Kukatpally	18	18	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	STRUCTURAL ENGINEERING	FULL TIME	Jawaharlal Nehru Technological University, Kukatpally	24	24	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	POST GRADUATE	VLSI SYSTEM DESIGN	FULL TIME	Jawaharlal Nehru Technological University, Kukatpally	36	36	NA	NA	NA
	1st	UND	CHEMICAL	FULL	Jawaharlal	60	60	NA	NA	NA

Application Number: 1-281277072
Note: This is a Computer generated Report.No signature is required.
Printed By : AN4528451

Page 2 of 6
Letter Printed On: 7 May 2016



All India Council for Technical Education
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ENGINEERING AND TECHNOLOGY	Shift	ER GRA DUA TE	ENGINEERING	TIME	Nehru Technological University, Kukatpally					
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	CIVIL ENGINEERING	FULL TIME	Jawaharlal Nehru Technological University, Kukatpally	180	180	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	COMPUTER SCIENCE AND ENGINEERING	FULL TIME	Jawaharlal Nehru Technological University, Kukatpally	240	240	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	ELECTRICAL AND ELECTRONICS ENGINEERING	FULL TIME	Jawaharlal Nehru Technological University, Kukatpally	120	120	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	ELECTRONICS AND COMMUNICATIONS ENGINEERING	FULL TIME	Jawaharlal Nehru Technological University, Kukatpally	240	240	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	INFORMATION TECHNOLOGY	FULL TIME	Jawaharlal Nehru Technological University, Kukatpally	60	120	NA	NA	NA
ENGINEERING AND TECHNOLOGY	1st Shift	UNDER GRADUATE	MECHANICAL ENGINEERING	FULL TIME	Jawaharlal Nehru Technological University, Kukatpally	240	240	NA	NA	NA
ENGINEERING AND TECHNOLOGY	2nd Shift	POST GRADUATE	COMPUTER NETWORKS AND INFORMATION SECURITY	FULL TIME	Jawaharlal Nehru Technological University, Kukatpally	24	24	NA	NA	NA
ENGINEERING AND TECHNOLOGY	2nd Shift	POST GRADUATE	COMPUTER SCIENCE AND ENGINEERING	FULL TIME	Jawaharlal Nehru Technological University, Kukatpally	36	36	NA	NA	NA
ENGINEERING AND TECHNOLOGY	2nd Shift	POST GRADUATE	ELECTRONICS AND COMMUNICATIONS ENGINEERING	FULL TIME	Jawaharlal Nehru Technological University, Kukatpally	18	18	NA	NA	NA
	2nd Shift	POST GRADUATE	EMBEDDED	FULL	Jawaharlal	24	24	NA	NA	NA



All India Council for Technical Education
(A Statutory body under Ministry of HRD, Govt. of India)

7th Floor, Chandralok Building, Janpath, New Delhi- 110 001
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ENGINEERING AND TECHNOLOGY	Shift	T G R A D U A T E	SYSTEMS	TIME	Nehru Technological University, Kukatpally					
ENGINEERING AND TECHNOLOGY	2nd Shift	POS T G R A D U A T E	STRUCTURAL ENGINEERING	FULL TIME	Jawaharal Nehru Technological University, Kukatpally	24	24	NA	NA	NA
ENGINEERING AND TECHNOLOGY	2nd Shift	POS T G R A D U A T E	VLSI SYSTEM DESIGN	FULL TIME	Jawaharal Nehru Technological University, Kukatpally	36	36	NA	NA	NA
ENGINEERING AND TECHNOLOGY	2nd Shift	POS T G R A D U A T E	WIRELESS AND MOBILE COMMUNICATIONS	FULL TIME	Jawaharal Nehru Technological University, Kukatpally	24	24	NA	NA	NA
MANAGEMENT	1st Shift	POS T G R A D U A T E	MASTERS IN BUSINESS ADMINISTRATION	FULL TIME	Jawaharal Nehru Technological University, Kukatpally	120	120	NA	NA	NA
PHARMACY	1st Shift	POS T G R A D U A T E	INDUSTRIAL PHARMACY	FULL TIME	Jawaharal Nehru Technological University, Kukatpally	24	24	NA	NA	NA
PHARMACY	1st Shift	POS T G R A D U A T E	PHARMACEUTICAL ANALYSIS AND QUALITY ASSURANCE	FULL TIME	Jawaharal Nehru Technological University, Kukatpally	36	36	NA	NA	NA
PHARMACY	1st Shift	POS T G R A D U A T E	PHARMACEUTICS	FULL TIME	Jawaharal Nehru Technological University, Kukatpally	36	36	NA	NA	NA
PHARMACY	1st Shift	POS T G R A D U A T E	PHARMACOLOGY	FULL TIME	Jawaharal Nehru Technological University, Kukatpally	18	18	NA	NA	NA
PHARMACY	1st Shift	UND E R G R A D U A T E	PHARMACY	FULL TIME	Jawaharal Nehru Technological University, Kukatpally	120	120	NA	NA	NA

The above mentioned approval is subject to the condition that ANURAG GROUP OF INSTITUTIONS shall follow and adhere to the

Application Number: 1-2812770772
Note: This is a Computer generated Report.No signature is required.
Printed By : AN4528451

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Letter Printed On: 7 May 2016



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Regulations, guidelines and directions issued by AICTE from time to time and the undertaking / affidavit given by the institution along with the application submitted by the institution on portal.

Course(s) Applied for Closure by the Institute for the AY 2016-17:

Application Id: 1-2812770772			Name of the Course	Full/Part Time	Affiliating Body	Course Closure Status
Program	Shift	Level				
MCA	1st Shift	POST GRADUATE	MASTER OF COMPUTER APPLICATIONS : (Last Approved Intake 40)	FULL TIME	Jawaharlal Nehru Technological University, Kukatpally	Pending [§]
PHARMACY	2nd Shift	POST GRADUATE	PHARMACEUTICS : (Last Approved Intake 18)	FULL TIME	Jawaharlal Nehru Technological University, Kukatpally	Pending [§]
PHARMACY	2nd Shift	POST GRADUATE	PHARMACOLOGY : (Last Approved Intake 18)	FULL TIME	Jawaharlal Nehru Technological University, Kukatpally	Pending [§]

[§] due to non submission of NOC's from University / Board and / or State Government

In case of any differences in content in this Computer generated Extension of Approval Letter, the content/information as approved by the Executive Council / General Council as available on the record of AICTE shall be final and binding.

Strict compliance of Anti-Ragging Regulation:- Approval is subject to strict compliance of provisions made in AICTE Regulation notified vide F. No. 37-3/Legal/AICTE/2009 dated July 1, 2009 for Prevention and Prohibition of Ragging in Technical Institutions. In case Institution fails to take adequate steps to Prevent Ragging or fails to act in accordance with AICTE Regulation or fails to punish perpetrators or incidents of Ragging, it will be liable to take any action as defined under clause 9(4) of the said Regulation.

Note: Validity of the course details may be verified at www.aicte-india.org.

Prof. Alok Prakash Mittal
Member Secretary, AICTE

Copy to:
1. **The Regional Officer,**
All India Council for Technical Education
First Floor, old BICARD Building
Jawaharlal Nehru Technological University
Masab Tank, Hyderabad-500076



All India Council for Technical Education
(A Statutory body under Ministry of HRD, Govt. of India)
7th Floor, Chandralok Building, Janpath, New Delhi- 110 001
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2. **The Director Of Technical Education,**
Telangana
3. **The Registrar,**
Jawaharlal Nehru Technological University, Hyderabad
4. **The Principal / Director,**
ANURAG GROUP OF INSTITUTIONS
VENKATAPUR (VILLAGE),
GHATKESAR (MANDAL),RANGAREDDI,
Telangana,501301
5. **The Secretary / Chairman,**
GAYATHRI EDUCATIONAL AND CULTURAL TRUST
VENKATAPUR (V),
GHATKESAR,RANGAREDDI,
Telangana,501301
6. **Guard File(AICTE)**

JNTUH AUTONOMOUS LETTER

Grams: "TECHNOLOGY"
E-Mail: dap@jntuh.ac.in



Phone: Off: +91-4-23156115
Fax: +91-40-23158665

**PROCEEDINGS OF THE
JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD**
(Established by Andhra Pradesh Act No. 30 of 2008)
Kukatpally, Hyderabad - 500 085, Telangana State (India)

Procs. No.D1/960/2014

Date: 28.07.2014

Sub: JNT University Hyderabad – Academic & Planning – Conferment of UGC Autonomous Status to Anurag Group of Institutions, Venkatapur (V), Ghatkesar (M), R.R. Dist. - Orders - Issued.

Read: 1. Univ. Lr. No.D1/960/2013, dated 21.06.2013
2. Lr. No.F.22-1/2014 (AC) dated 19.06.2014 of the Joint Secretary, UGC New Delhi.
3. Note orders of the Vice-Chancellor dated 27.07.2014.

ORDER:

In the reference (1) read above, the University forwarded the proposal to the UGC for the grant of Autonomous Status to Anurag Group of Institutions, Venkatapur (V), Ghatkesar (M), R.R. Dist.

In the reference 2nd read above, the UGC has conferred Autonomous Status to Anurag Group of Institutions, Venkatapur (V), Ghatkesar (M), R.R. Dist., under the UGC autonomous colleges scheme for a period of six years with effect from the academic year 2014-15 to 2019-20 and informed the University to issue necessary orders.

Under the circumstances as stated above, the Vice-Chancellor is pleased to communicate the conferment of Autonomous Status to Anurag Group of Institutions, Venkatapur (V), Ghatkesar (M), R.R. Dist., under the UGC autonomous colleges scheme for a period of six years with effect from the academic year 2014-15 to 2019-20.


REGISTRAR/c

To
✓ The Principal, Anurag Group of Institutions, Venkatapur (V), Ghatkesar (M), R.R. Dist

Copy to:
The Secretary, UGC, Bahadurshah Zafar Marg, New Delhi 110 002.
Dr. Manju Singh, Joint Secretary, UGC Bahadurshah Zafar Marg New Delhi 110 002.

JNTUH GRANT OF TEMPORARY AFFILIATION LETTER FOR THE YEAR 2016-17

Web : www.jntuh.ac.in
E Mail: pa2registrar@jntuh.ac.in



Phone: Off: +91-40-32422253
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JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD
(Established by Act No. 30 of 2008)
Kukatpally, Hyderabad - 500 085, Telangana, INDIA

CERTIFICATE

No.D1/1290/2016

Date: 10.11.2016

This is to certify that Anurag Group of Institutions, Venkatapur (V), Ghatkesar (M), Ranga Reddy District, has been affiliated to Jawaharlal Nehru Technological University Hyderabad, Kukatpally, Hyderabad, since its establishment from 2002. Presently the College is offering UG & PG courses for the academic year 2016-2017 as approved by the University/AICTE. The details are given below:

Sl. No.	Name of the Course	Duration	Permanent/Temporary Affiliation	Period of validity for the year
1.	B.Pharmacy	4 years	Temporary	2016-17
2.	B.Tech Electrical and Electronics Engineering	4 years	Temporary	2016-17
3.	B.Tech Chemical Engineering	4 years	Temporary	2016-17
4.	B.Tech Civil Engineering	4 years	Temporary	2016-17
5.	B.Tech Mechanical Engineering	4 years	Temporary	2016-17
6.	B.Tech Computer Science & Engineering	4 years	Temporary	2016-17
7.	B.Tech Information Technology	4 years	Temporary	2016-17
8.	B.Tech Electronics & Communication Engg.	4 years	Temporary	2016-17
9.	Pharm.D	6 years	Temporary	2016-17
10.	M.Tech Structural Engineering	2 years	Temporary	2016-17
11.	M.Tech Structural Engineering (II Shift)	2 years	Temporary	2016-17
12.	M.Tech Electrical Power Systems	2 years	Temporary	2016-17
13.	M.Tech Software Engineering	2 years	Temporary	2016-17
14.	M.Tech Embedded Systems	2 years	Temporary	2016-17
15.	M.Tech Machine Design	2 years	Temporary	2016-17
16.	M.Tech Embedded Systems (II Shift)	2 years	Temporary	2016-17
17.	M.Tech Computer Science and Engineering	2 years	Temporary	2016-17
18.	M.Tech Computer Science and Engineering (II Shift)	2 years	Temporary	2016-17
19.	M.Pharmacy Industrial Pharmacy	2 years	Temporary	2016-17
20.	M.Pharmacy Pharmaceutics	2 years	Temporary	2016-17
21.	MBA	2 years	Temporary	2016-17
22.	Pharm.D (PB)	3 years	Temporary	2016-17
23.	M.Pharmacy Pharmacology	2 years	Temporary	2016-17
24.	M.Tech Computer Science	2 years	Temporary	2016-17
25.	M.Tech Power Electronics & Electrical Drives	2 years	Temporary	2016-17
26.	M.Tech VLSI System Design	2 years	Temporary	2016-17
27.	M.Tech VLSI System Design (II Shift)	2 years	Temporary	2016-17

The University has not issued formal letters of Affiliation for the Academic Year 2014-2015 to any of the colleges, but students were admitted to certain colleges. The University is awaiting the legal opinion of the Advocate General regarding the issuance of letters for grant of affiliation for the Academic Year 2014-15. As such a suitable decision may please be taken on the applications of the college for NAAC accreditation taking the above circumstances into consideration.

Name: Dr.N.Yadaiah
Designation: REGISTRAR


 Competent Authority
 (with Name, Designation, Seal and Signature)