1.Android App Development

Theme of the workshop:

  Android App Development Workshop mainly focuses on how to use Android OS for building your own Android Application.

Objective of the workshop:

1. To develop mobile applications for the Android mobile platform.
2. To introduce from basic to advanced topics of Android.
3. Emphasis on design of conserving battery life on mobile devices.
4. Use of Android application programming interface (API) and Android software development kit (SDK) for hands-on development of deployable mobile applications.

Speaker Profile:

  Mr. Akshay Pakanati, Project Lead, SenecaGlobal IT Services Pvt. Ltd, Hyderabad, working as iOS Application Developer for past 5 years.

Content Delivery:

➢ Introduction to Android Technology.

➢ Introduction to Android SDK.

➢ How to install Android Plug in.

➢ Advantages & Disadvantages.

➢ Why XML

➢ Android Installation

➢ Hello Program

➢ Designing of Application

Outcome of the workshop:

Students were able to

1. Understand working of various android applications.

2. Develop applications for Android mobile devices.

3. Develop mobile applications with underlying database supports.

A total of 105 students participated and every student has brought laptops to perform practicals throughout the workshop and they were constantly encouraged to ask their doubts.

Mr. G.L.Anand Babu, IT Dept. welcoming the expert and addressing students about the importance of Android App Development.

Speaker Mr. Akshay Pakanati delivering a lecture on basics like designing layouts and building complex layouts.

III & IV B.Tech I sem students participated in the workshop.

2.Python Programming

Theme of the workshop:

To provide basics of writing and running Python scripts to more advanced features.

Objective of the workshop:

- Master the fundamentals of writing Python scripts
- Write Python functions to facilitate code reuse
- Discover how to work with lists and sequence data
- Learn core Python scripting elements such as variables and flow control structures

Speaker Profile:

Dr. Salman Abdul Moiz, Associate Professor, School of Computer & Information Sciences (SCIS), University of Hyderabad, Hyderabad.

Content Delivery:

- Introduction to Python
- Features of Python
- Interactive and Script mode of operations
- Variables and types
- Input and output operations
- Operators
- Control flow statements
- Functions and Modules
- Strings and Lists
- Files and dictionaries

Outcome of the workshop:

Students can able to

1. Write simple programs involving strings/numbers/conditional statement/loops
2. Read data from a text file using Python

The event witnessed an active participation of 59 students and it was inaugurated by expert lecture of Dr. Salman Abdul Moiz, Associate Professor, School of Computer & Information Sciences (SCIS), University of Hyderabad.

Ms. Rukmini, student of III B.Tech welcoming the chief guest for the workshop on Python Programming.
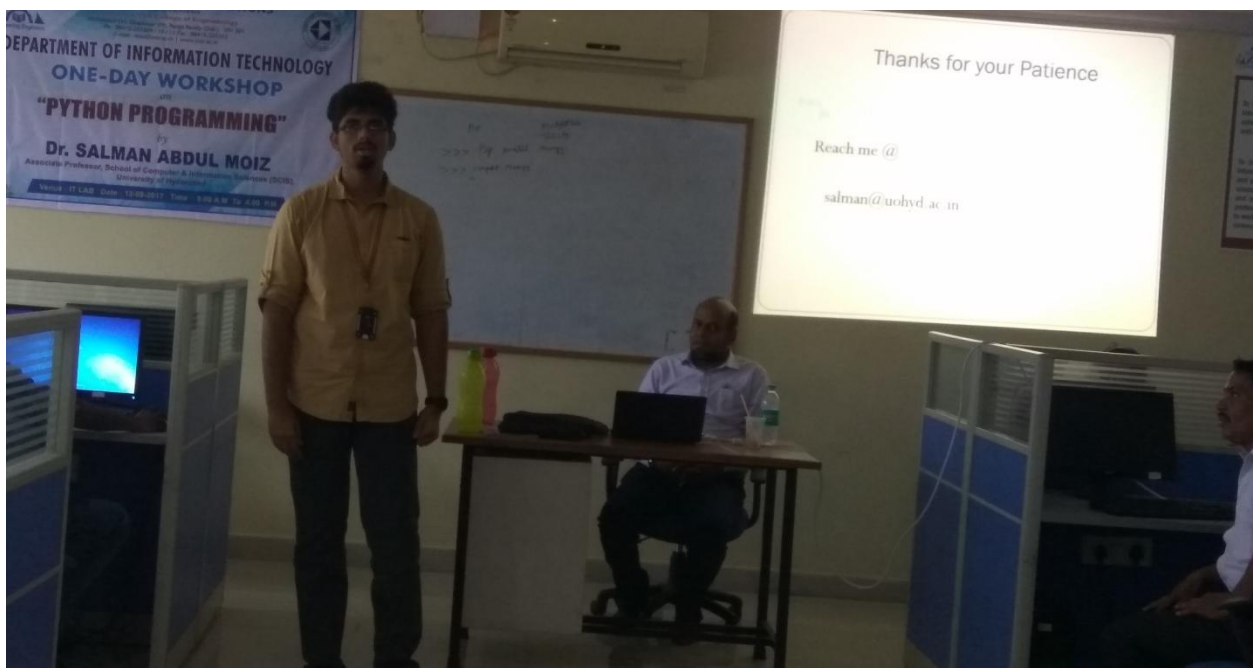
Mrs. B. Namratha, Assistant Professor, Professional Chapters Incharge, IT Dept. welcoming the expert and addressing students about the importance of Python Programming.

Speaker Dr. Salman Abdul Moiz delivering a topic on Python Programming.

Mr Goutham from III B.Tech student presenting vote of thanks.

3.MTA Database Fundamentals

Theme of Workshop: MTA DATABASE FUNDAMENTALS

Objective of Workshop:

1. To familiarize the students with the concepts of DBMS.
2. To learn the concepts of DBMS by using new IDE's [Microsoft Server 2007].
3. To utilize the database concepts in future endeavors.

Speaker Profile:

Mr. B. Srikanth is certified in Microsoft MTA Web Development, MTA DB Administration having about 7 years of IT experience.

Content Delivery:

On day one speaker explained the basic concepts of DBMS which includes simple queries like DML, DDL, DCL, TCL, inner joins, Views and Functions.

On Day two Speaker explained Complex queries, key constraints, Normalization basics, indexes, database security.

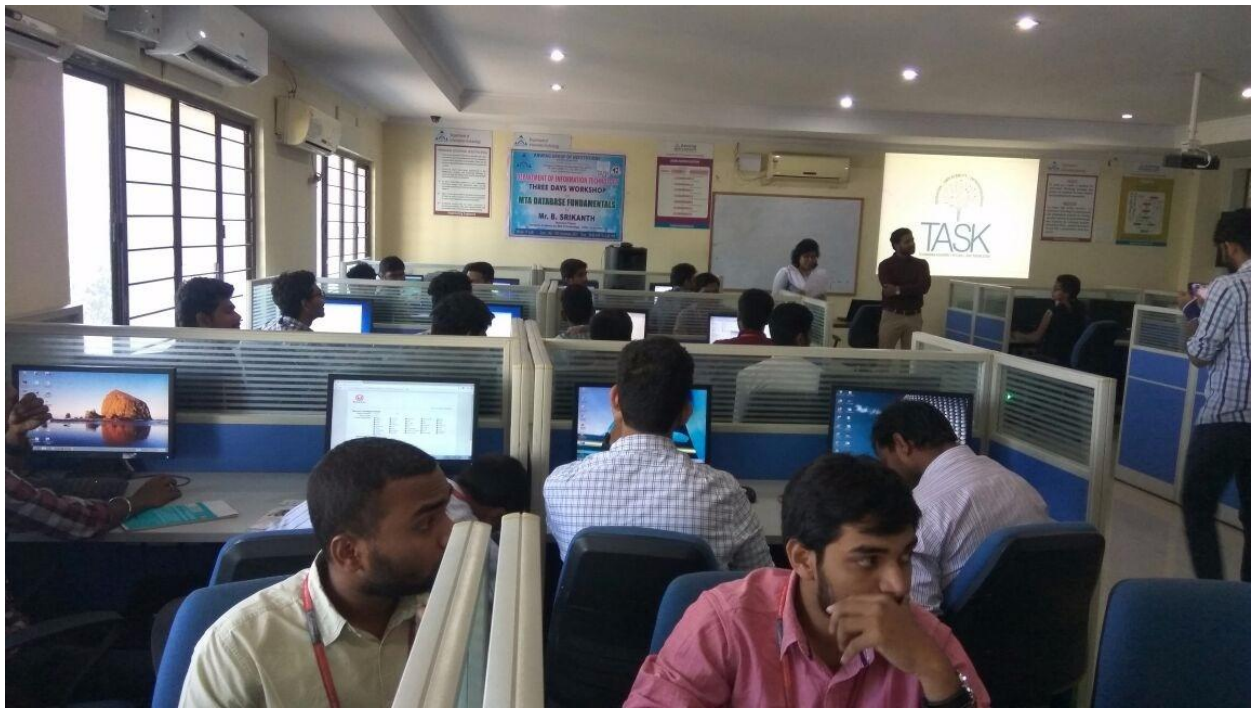Day three speaker discussed the concepts of procedures, clustered indexes and triggers.

Outcome of Workshop:

Students were able to analyze, design and develop the concepts of DBMS using the new IDE Microsoft Server 2007 introduced in the workshop period.
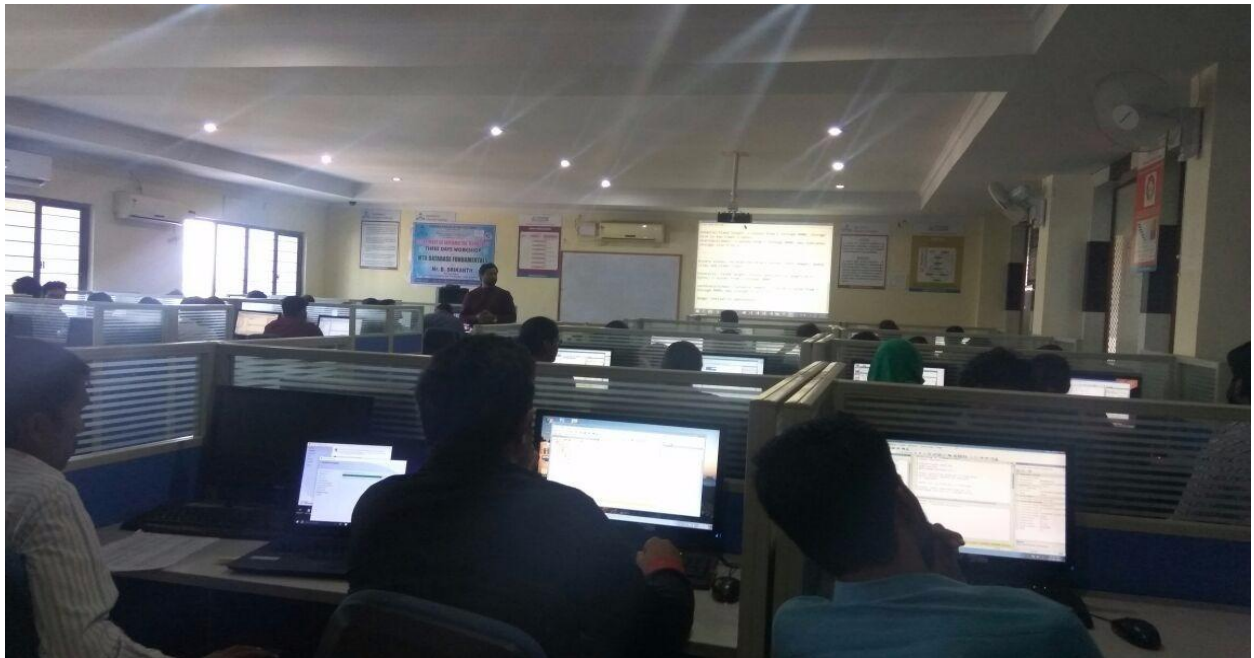
A total of 60 students participated in the workshop.

Ms Akhila of III B.Tech welcoming the Speaker for the 3-Day workshop.

Speaker Mr. Srikanth, explaining the agenda for the workshop.

Faculty members and students attending the workshop.

4.Career Guidance

Theme of the workshop:

Career guidance program helps individuals acquire the knowledge, skills necessary to identify and explore alternatives and succeed in society.

Objective of the workshop:

To get an overview on what to do after the graduation course and to emphasize broadly on how to solve verbal aptitude by using mathematical approach and career guidance.

Speaker Profile:

Mr.K.Abhishek Rao having 10 year of experience and presently working as Business Development Associate, Byju's Classes, Think & Learn Pvt. Ltd, Hyderabad.

Content Delivery:

➢ The session was started with an interactive question and answers, which collected the opinions of the students on what they wish to do after engineering.

➢ Speaker discussed on current scenario on the availability of jobs and their respective salary packages.

➢ Post-Graduation programs were discussed along with the exclusive courses for a fresher like Techno-Management, MIM etc.

➢ Assignments have been conducted in order to improve the comprehensive skills and quantitative aptitude.

➢ advice on how to get seat in an esteemed universities.

Outcome of the workshop:

Students were able to understand how to plan their career for future betterment.

A total of 50 students of   III B.Tech I semester attended the seminar.

III B,Tech I semester students attended the seminar.

Speaker Mr.Rao explaining various ways to crack competitive exams with best scores by reducing time and increasing accuracy.

Students working on the given activities.

5.Cloud Computing with Amazon Web Services

Objective of the lecture:

The lecture helps in acquiring the knowledge on cloud computing and Amazon web services and its impact on IT industry.

Speaker Profile:

Mr. Pramod Veerannagari, Director of REAN cloud Solution, a multi-national firm, United States of America.
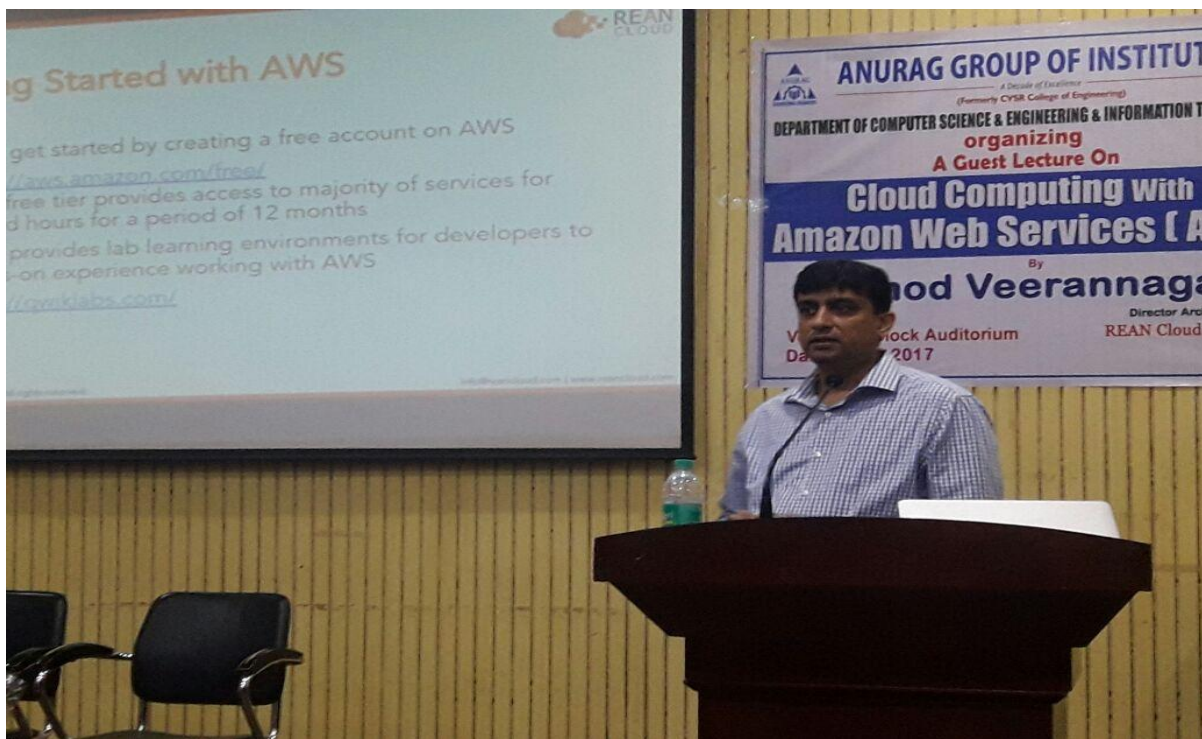
Content Delivery:

> ➢ The session was started with an interaction where the students were enlightened on cloud computing basics and industry stats.
> ➢ Speaker highlighted the essential characteristics like pay models of cloud architecture and also focused on the economies of scale and how resources are pooled to accelerate the benefits.
> ➢ The demands of the computing resources are discussed that helped in understanding the speed, agility, elasticity of cloud computing.
> ➢ Global access to provide capability with low latency aspect in different regions of the world was anticipated, followed by the on-demand procurement of the hardware.
> ➢ The history of Amazon Web Services was discussed with its core which helped in understanding the virtual concepts in the real time perspective.

Outcome of the lecture:

Students were able to understand the basic concepts of cloud computing and its impact and an idea on Amazon web services.

Dr. K.S.Rao, Director, Anurag Group of Institutions welcoming the guest and addressing the students.

Speaker Mr. Pramod Veerannagari discussing on various aspects in cloud computing.

Students attending the session.

6.Cloud Computing

Objective of the Seminar:

The seminar helps in acquiring the knowledge on fundamentals of cloud computing.

Speaker Profile:

Mr. P.Sharat Babu, Director, Oracle India Pvt. Ltd.

Content Delivery:

The session started with Lecture about quality of an engineer i.e., alertness and problem solving and real time story of mokshagundam vishveshvarayya. Speaker highlighted the concepts of characteristics, services and benefits of cloud computing and also gave tips to students on how to get placed.

Outcome of the Seminar:

Students were able to understand the basic concepts of cloud computing and its impact in the industry.
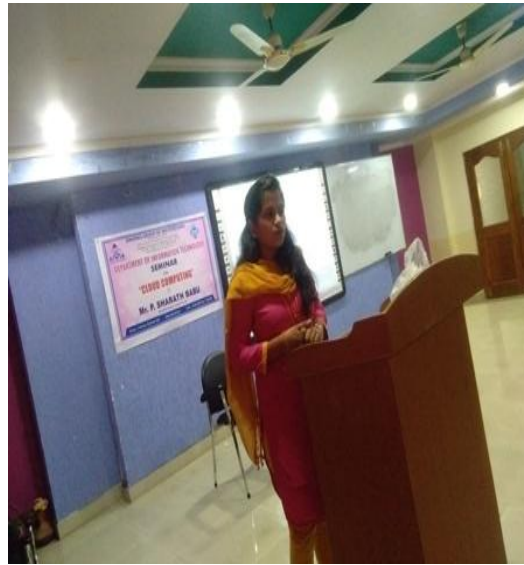

A total of 100 students of II & III B.Tech II Sem attended the seminar.

Speaker delivering a lecture on Cloud Computing.

II B.Tech II Sem and III B.Tech II Sem students attending the session.

Students sharing their feedback on the session.

7.Life and Entrepreneur Skills Development

Theme of the workshop:

To create opportunities, space and scope for the development of the talents of the students.

Objective of the workshop:

- To have a balanced work life and a better plug and play work culture.
- Students to acquire their professional and entrepreneurial competencies.
- Students to use their professional competencies in an entrepreneurial and business oriented way.
- Development of entrepreneurial attitude and spirit for entrepreneurship development.

Speaker Profile:

Ms. Shivani Kumari, Software Engineer, Infosys Technologies Limited, Hyderabad.

Content Delivery:
- Communication.
- Listening.
- Speaking Effectively.
- Body Language.
- Benefits of Effective Conversational Skills.
- Principles of Meditation.
- Writing an Effective Resume.
- Successful Interviewing Skills.

Outcome of the workshop:
Students were able to
4. Perceive new patterns from different points of view, and courage to make independent decisions.
5. To find out for oneself.

The event witnessed an active participation of 59 students and it was inaugurated by expert lecture of Ms. Shivani Kumari, Software Engineer, Infosys Technologies Limited, Hyderabad.

Speaker Ms. Shivani Kumari, addressing the students about the importance of Life and Entrepreneurship Skill Development.

Mr. M. Vamsi student of IV B.Tech I sem participating in an activity.

IV B.Tech I sem students doing meditation.

IV B.Tech I sem students participated in the workshop.

8.Web Development

Theme of Workshop:

Develop and publish Web pages using Hypertext Markup Language (HTML) and Optimize page styles and layout with Cascading Style Sheets (CSS).

Objective of Workshop:

1. Understand how to use HTML tags and tag attributes to control a Web page's appearance.
2. Optimize page styles and layout with Cascading Style Sheets (CSS).

Speaker Profile:

Mr. M. Pavan Kumar Reddy working as Senior system analyst, Tensaa Solutions, Hyderabad having 10 years of experience in IT industry. Versatile in working with Microsoft Technologies, such as .Net Framework, ASP.Net MVC, C#, VB.Net, Web API, WCF, AJAX, ADO.NET, ORM and ASP.

Content Delivered:

The workshop is delivered as hands-on computer-based and presentation. The workshop provides a key introduction to essential web development languages. Workshop content will focus in HTML, CSS and JavaScript in the context of web development practices. Questions such as what are they, when should we use these languages, for what purpose and to what extent these languages help us create modern, engaging and stable websites will be covered. This workshop has prepared students to take further and more confident steps into web development processes. Students are experienced how to create basic web pages with HTML, including basic structuring of page content, apply basic formatting styles using CSS and understanding JavaScript for basic interactivity. Throughout the workshop, students were seemed very enthusiastic and are very much interactive with the speaker.

Outcome of Workshop:

 Students can able to:

1. Understand some basic principles of Web Development practices.
2. Understand the difference between HTML, CSS and JavaScript.
3. Apply styles to the page elements.
4. Create, modify, and format content with basic CSS.

A total of 90 students from II B.Tech (IT) are participated and every student has performed practicals throughout the workshop and was constantly encouraged to ask their doubts to the expert.

Mrs. B. Namratha, Assistant Professor, Professional Chapters Incharge, IT Dept. welcomes the expert and addressing students about the importance of One-day workshop on "HTML5.0, CSS, JAVA SCRIPT".

Speaker Mr. M. Pavan Kumar Reddy, was delivering a topic on "HTML5.0, CSS, JAVA SCRIPT".

Mr. G.L.Anand Babu, Assoc.Professor, IEEE student chapter Coordinator felicitating the speaker Mr. M.Pavan Kumar Reddy with a memento.

Group photo with the Speaker Mr. M. Pavan Kumar Reddy.

9.Organizational Skills

Theme of the Workshop:

To provide a framework for determining what is and what is not important. It encompasses a set of skills that help a person to plan, prioritize, and achieve his or her goals.

Objective of the Workshop:

1. Provide a framework for determining what is and what is not important.
2. Describe the value of editing and curating during the process of organizing.

Speaker Profile:

Mr. Y. Rama Mohana Rao, Director of Rural Development Foundation and also Professor of Practice for Telangana Academy for Skill & Knowledge. With a commendable career spanning over 4 decades Mr.Mohan brings with him a wealth of experience & expertise in Human Resources, Industrial Relations, Admin, Legal, Human Rights & Community Relations and Corporate Social Responsibility in Public Sector Banking and MNCs.

Content Delivered:

The training program takes a deep dive into organizational skills and the skills required to edit and curate the things with which we surround ourselves. The program tackles the relationship people have with things and examines how our ability to manage information and belongings can enhance or detract from a strong workplace reputation. The course explores skills for managing virtual clutter and creating and sticking to an organization plan and system.

Outcome of Workshop:

Students can able to:

1. List barriers to successful organization.
2. Develop an action plan for reducing clutter.
3. Describe how their ability to manage information and belongings can enhance or detract from their workplace credibility.

A total of 59 students attended the session from III B.Tech II Semester. The students were seemed very enthusiastic and are actively participated in various activities in the Two-day Training Program. The Two-day Training Program was inaugurated by expert lecture of Mr. Y. Rama Mohana Rao, Professor of Practice from TASK.

Ms Rukmini of III B.Tech II Semester student welcoming the chief guest for the Two-days Training program on "Organizational Skills".

Speaker   explaining the importance of goal settings and various topics in the Training Program.

In Self Introduction activity speaker giving suggestions to the students.

10. Five-Day workshop on "Samsung Tizen OS "

Theme of Workshop:

Aiming to offer graduates a skill development course based on the Tizen operating system (OS) platform.

Objective of Workshop:

To create a pool of trained youth who can leverage the software development and testing opportunities presented by innovative digital technologies based on the Tizen OS.

Speaker Profile:

Mr. Mohammed Jaffer Pasha, Technical Trainer, Telangana Academy for Skill and Knowledge (TASK), Department of ITE&C , Government of Telangana, Hyderabad.

Content Delivery:

- ➢ Introduction to Tizen
- ➢ Introduction to Mobile computing
- ➢ Tizen SDK overview
- ➢ IDE Tools Introduction
- ➢ Demo :SDK Download/Install
- ➢ Execute IDE,Samples ,Explain code
- ➢ Hands On Exercises - Image, Audio, Video
- ➢ Tizen Store Processes
- ➢ Validation/Submission,Tizen community

Outcome of Workshop: Students can able to

6. Understand working of various Tizen applications.

7. Develop applications for Samsung's smartwatches, Tizen-powered televisions, home appliances and cars

8. Develop mobile applications with underlying database supports

A total of 58 students participated and every student has brought laptops to perform practical's throughout the workshop and was constantly encouraged to ask their doubts to the expert.
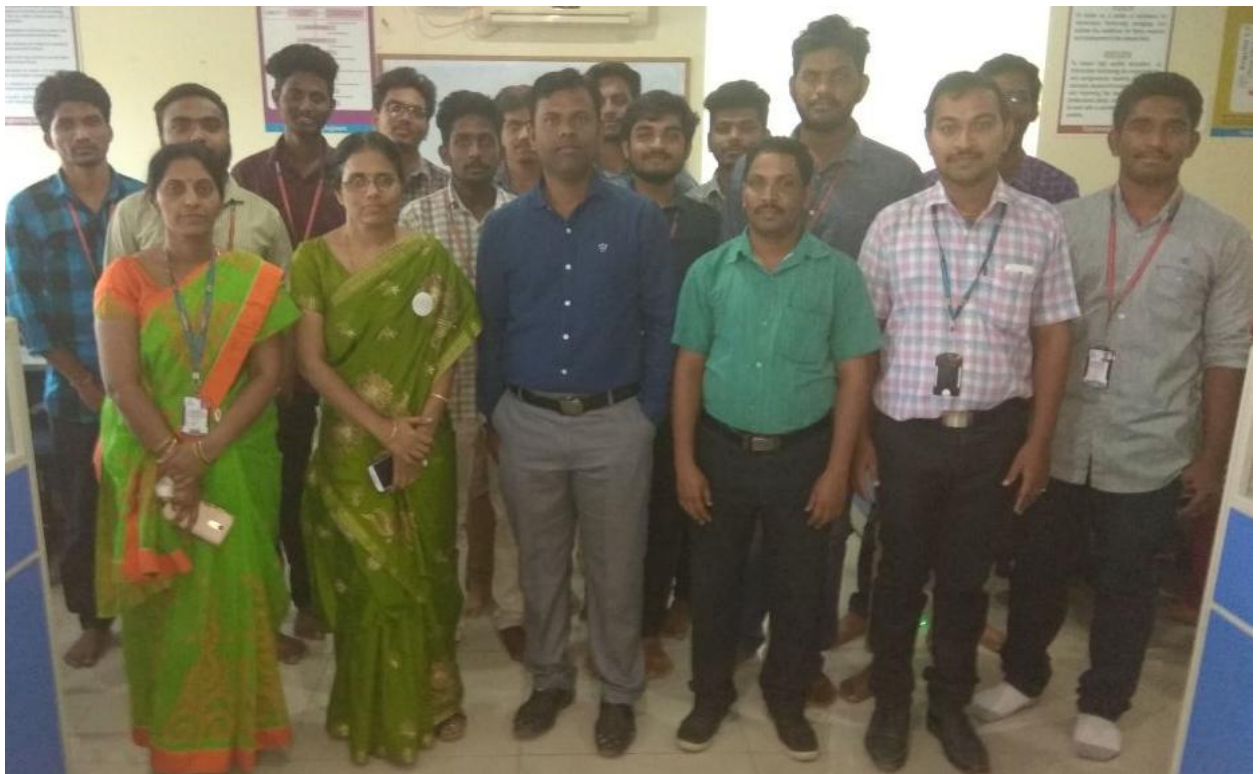
It was inaugurated by expert lecture of Mr. Mohammed Jaffer Pasha, Technical Trainer, Telangana Academy for Skill and Knowledge (TASK), Hyderabad.

Speaker Mr. Mohammed Jaffer Pasha, Technical Trainer, Telangana Academy for Skill and Knowledge (TASK), started from the basics like designing layouts and building complex layouts.

III B.Tech II sem Students participated in the workshop.

Group photo with Students, Faculty, Speaker Mr. Mohammed Jaffer Pasha, Technical Trainer, Telangana Academy for Skill and Knowledge (TASK), Hyderabad.

11.ORACLE JAVA PROGRAMMING

Theme of the workshop:

This course of study builds the skills to be gained by students in Java fundamentals and helps to advance in Java programming skills.

Objective of the workshop:

The five days training program will help the students to design object-oriented applications with Java and to create Java programs using hands-on, engaging activities.

Speaker Profile:

Mr. P. Arun Reddy is a certified global career counsellor by university, ULAC. He has Faculty life membership in ISTE, works as a Technical Trainer & Corporate Relations at TASK, Department of ITE&C Telangana.

Content Delivery:

Day 1:

- The session began with an introduction to the Oracle i-learning.
- Fundamentals of JAVA.
- Also discussed in detail the OOPS concepts.
- The different types of IDEs.

Day 2:

- Data types were explained followed by their program execution.
- Differences between strings and string builders.
- Introduction to scanner class.

Day 3:

- Object Classes.
- A recap of data types was given.
- Types of access specifiers.
- The constructors followed by their types.

Day 4:

- Overview of generics.
- The speaker introduced the concept of collections.
- The vast topic of driver class was briefed.

Day 5:

- Packages and Parsing techniques were explained with the help of programs.
- Practical applications of the topics covered.
- An interactive doubt clarification session was held for the students.
- Day to day quizzes that were conducted throughout the training program was evaluated on the last day along with midterm and final certification exam.
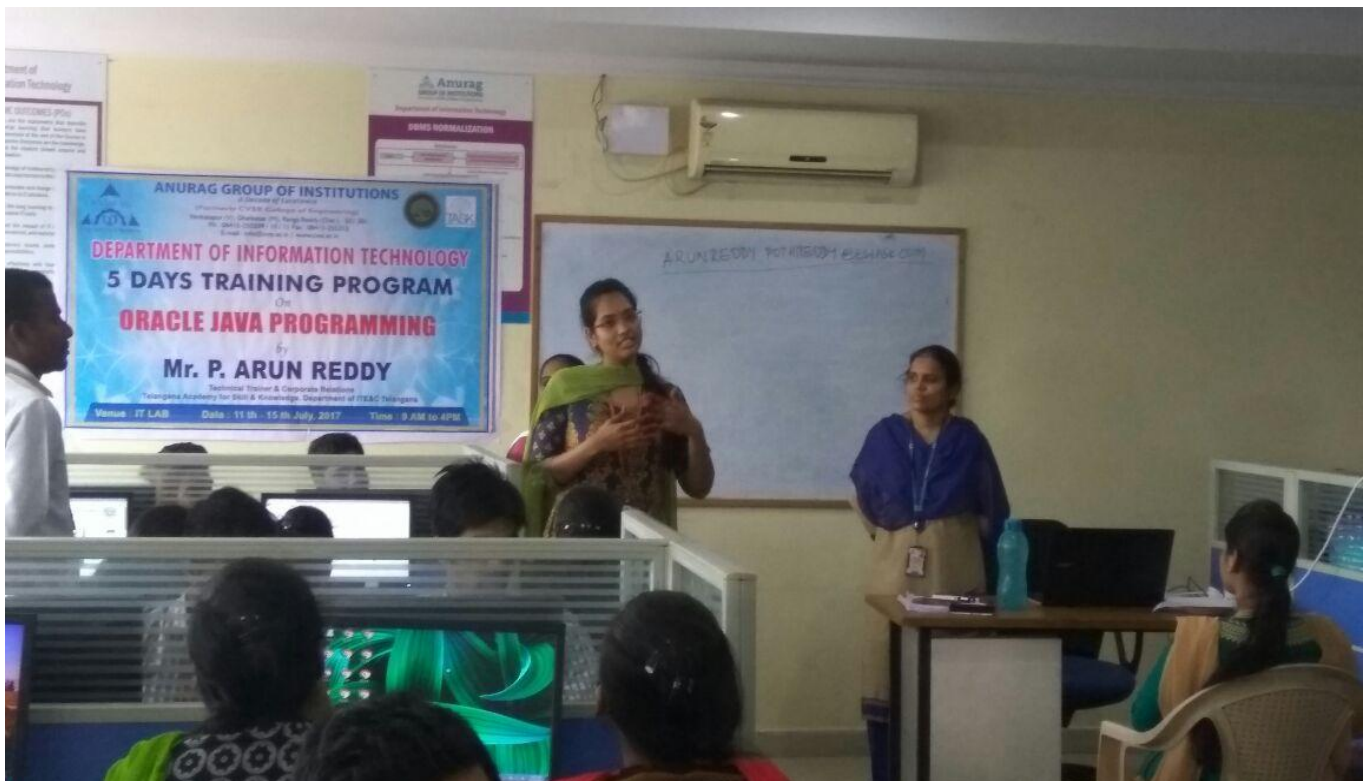
Outcome of the workshop:

Students were able to learn key features of JAVA which are helpful to extend their programming experience in Java and develop more complex Java applications.

A total of 120 students participated in the training program and every student has attempted midterm and final exams for Oracle Java certification through "i-Learning" and were also constantly encouraged to ask their doubts.

Mr. P. Arun Reddy from TASK addressing the participants of B. Tech IT III and IV year I semester.

Participants giving feedback on the training program.

12.MTA HTML 5.0 Application Development Fundamentals

Objective of the Workshop:

Three day workshop helps students to get practical exposure on web pages development using basic tags and web page construction tools.

Speaker Profile:

Mr. Mrutyunjay, Technical Trainer , TASK. He has 10+ years of Experience as a Technology Trainer in Microsoft.NET(C#.NET,ASP.NET).Over 5000+ students certified under MTA Certification Training Program. Handled multiple Online trainings through goto meeting software. Had 6+ years of experience as a Corporate Trainer.

Content Delivery:
- Basic html elements to create web pages.
- Html tags and tag attributes to control a web page's appearance.
- Add absolute URL, relative URL, and named anchors to web pages.
- Use of tables and frames as navigational aids on a web site.
- Web page construction tools

Outcome of the Workshop:

Students were able to develop web pages using fundamental concepts.

III B.Tech & IV B.Tech students attending the workshop.

Speaker clarifying the doubts of students.