RoboFeast-2018, Ed Cell of IIT Roorke in Collaboration with
Department of electronic & communication engineering
Anurag Group of Institutions Ranga Reddy Telangana
Three-Days National Level Workshop cum Championship on
"Internet of Things (IOT) using Arduino"

IoT Hands on Applications

- Learn the basics of Internet of Things and its applications.
- What "the Internet of Things" means and how it relates to Cloud computing .
- How open platforms allow you to store your sensor data in the Cloud.
- How to connect your Arduino with your Android phone.
- How to send data to the Internet and talk to the Cloud.
- How to update sensor readings on Twitter (Social Networking Sites).
- Control a Relay Switch by texting from your Phone.
- build your own arduino weather station project.

Benefits/Takeaways /Motivation

The Certificate of Participation from RoboFeast'18 Ed Cell of IIT-Roorkee

Training purpose IoT Arduino kit to each team after training kit be return back from each team

Merit participants will be awarded with the certificate of honor & respected prizes at IIT Roorkee .

Registration fee: Rs.600- per attendee (The fee includes: Training, certification, and Event registration)

RoboFeast-2018 Contact Details
Visit http://Robofeast.com/
+91-7053133032 / 8505838080

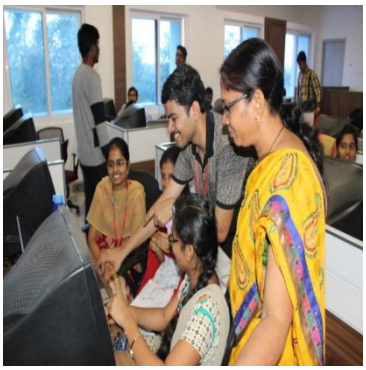
National level IOT Championship-2018

Round 1 : 2-Days IOT workshop will be organized by RoboFeast-2018 at below mentioned Zonal Center.
Round 2 : Prelims Round of "IOT Championship-2018" will be held just after the completion of IOT workshop at zonal center.
Round 3 : Winners of zonal center get a wild card entry in the final of IOT championship (RoboFeast-2018) in march 2018 at IIT-Roorkee

Zonal Center Details

Anurag Group of Institutions Ranga Reddy
Telangana 501301

Conveners:
K.Haripriya Assoc.Prof.
Anil Kumar G. (M+91-9849933381)
M.vijayalakshmi (M+91-9542459199)



3 Day Faculty Development Program

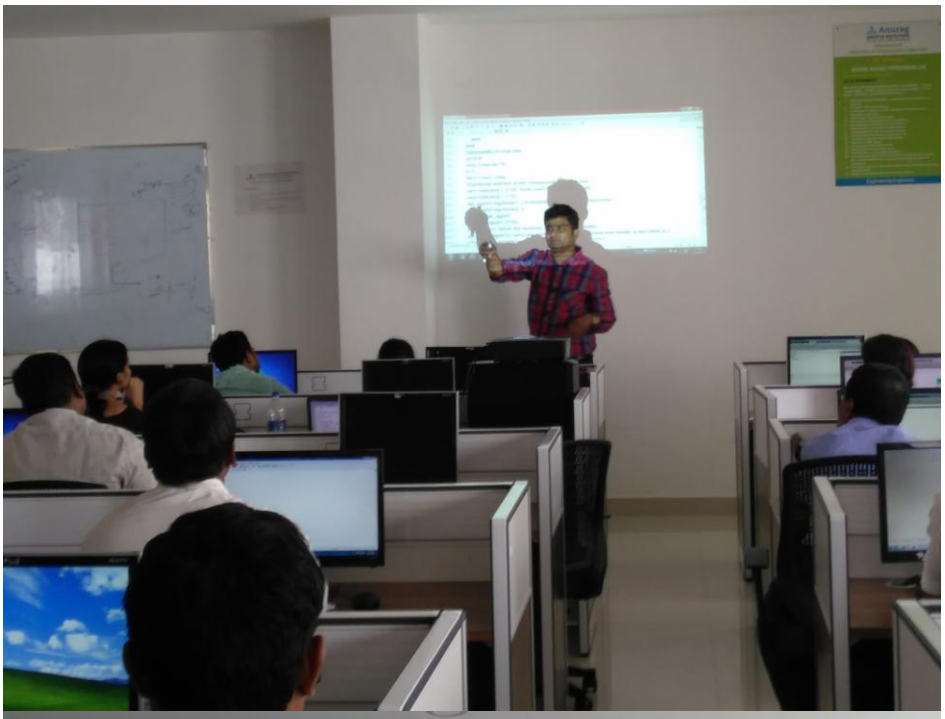
on

"Recent Trends in Signal Processing"

(27-04-2017 to 29-04-2017)

Detailed Lecture Schedule

Date	9:30-11.00	11:00-11:15	11.15:1:00	1:00-2:00	2.00-3.30
27/04/2017	Intelligent Signal processing System Design By Dr. J Ravi Kumar (Asst Prof. NIT Warangal)	Tea Break	Genetic Algorithm based Channel Equalization and Hands on MATLAB By Dr. J Ravi Kumar	Lunch	Digital Image Forensics By Dr. Md. Farukh Hashmi (Assoc. Prof AGI Hyd)
28/04/2017	Multi-Rate Signal Processing and its Applications By Dr. S. P. Singh (Head & Prof. MGIT Hyd)	Tea Break	Hands on MATLAB By Dr. S. P. Singh (Head & Prof. MGIT Hyd)	Lunch	MATLAB By Prof. J.V. Sharma (Prof AGI Hyd)
29/04/2017	Matrix Fundamentals In Signal processing By Dr. C. Rajakumar (Assoc. Prof AGI Hyd)	Tea Break	Video Processing & its Applications By Dr. Md. Farukh Hashmi (Assoc. Prof AGI Hyd)	Lunch	Hands on MATLAB By Dr. Md. Farukh Hashmi (Assoc. Prof AGI Hyd)



Multi Rate Signal Processing
and
Applications
by
Dr S P Singh
Prof & Head ECE Dept, MGIT
ANURAG GROUP OF INSTITUTIONS
"Recent Trends in Signal Processing"

ACTIVITY REPORT

Name of the Activity: **FACULTY DEVELOPMENT PROGRAM**

Title/Topic: **ANALOG CIRCUIT DESIGN METHODOLOGY**

Resource Persons/Guests:

1. Hari Shanker Srivastava
   Assoc. Prof, ECE Department
2. P. Rama Krishna
   *Assoc. Prof, ECE Departmen*t
3. M. Kiran Kumar
   Asst Prof, ECE Department
4. E. Srinivas
   Asst. Prof, ECE Department

Date: **May 2-7, 2017**

Key Points/ Highlights:

- In-depth exposure to Cadence and Mentor Graphics flow of designing.
- Designing of Analog circuit engineering problems using Cadence and Mentor Graphics.
- Various Analysis in Cadence tool with related hands-on practice.
- Exposure to techniques for designing of Analog circuit.
- Low Power Designing Methodologies

Summary:

- The One Week short term Faculty Development program covered the Introduction to Cadence and Mentor graphics work flow for designing Analog and mixed signal circuits and its analysis.
- Low power design approaches and techniques are discussed
- Every day afternoon during the period of program hands-on sections on cadence and mentor graphics utilized the entire faculty.

Photographs:

Prepared by

Program Coordinator

M.Kiran Kumar

ECE Department

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(Formerly CVSR College Of Engineering)

VENKATAPUR (V),GHATKESAR(M),R.R.DIST-501301

Ph:08415-255309/10/11 Fax: 08415-255312

Email: info@cvsr.ac.in | www.cvsr.ac.in

DEPT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Report on Field Visit to L&T Metro Rail-Miyapur depo.

18/07/2017

Venkatapur

The students registered for IEEE AGI Circuits and Systems Student Branch Chapter (SBC10181A) visited L & T METRO RAIL, MIYAPUR DEPO. on 15th July 2017. Students explored the functioning of Metro Rail and the detailed procedure followed for its maintenance. Mr. Dayaker Patra, Senior Engineer, L&T Metro Rail guided and Ms.P.Poojitha, Graduate Engineer Trainee assisted us. 15 IEEE AGI Circuits and Systems students participated in the visit accompanied by faculty coordinator Amrita Sajja, Asst.Prof.,ECE Dept.

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VENKATAPUR (V),GHATKESAR(M),R.R.DIST-501301
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Email: info@cvsr.ac.in | www.cvsr.ac.in
DEPT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Report on Inauguration of IEEE AGI CAS Student Chapter

07/07/2017

Venkatapur

IEEE AGI Circuits and Systems Student Branch Chapter formation was approved on June 28,2017 with the code : SBC10181A .The CAS Student Branch Chapter was inaugurated by chief guest Dr.Kaleem Fatima , Chair,IEEE CAS/EDS Society, Hyderabad section and guest of honour,Dr. P A Govindacharyulu on July 6,2017. Dr.Mohammed Arifuddin Sohel Vice-Chair, IEEE CAS/EDS Society, Hyderabad section delivered a guest lecture on Advanced Analog VLSI Design in the occasion. About 300 III and IV ECE students and 30 IEEE students participated in that event.

Office bearers for the AGI CAS Student Branch Chapter has been declared

President –D Sai Praneeth

Vice-President – M Divya

Secretary – CH Satya Prasanna

Treasurer - G N V S Naren

Advisor -Dr. Farooq Hashmi

Counselor - Dr G Venu Madhav

Coordinator - Amrita Sajja

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Report on Paper and Poster Presentation

4/08/2017

Venkatapur

IEEE AGI Circuits and Systems Student Branch Chapter (SBC10181A) conducted Paper and Poster Presentation contest on 31st July 2017. All ECE Department Students were invited to participate in the event. First round is conducted by Cygnus club of ECE Dept. The short listed 23 students is were allowed to present the papers in IEEE AGI CAS event. Akshay and pavan raj of III YEAR ECE won the first prize with cash amount of Rs.1000. The judges for the event are Mrs. Hari Priya and Mr. M Kiran Kumar. The faculty coordinators are Dr.Farooq Hashmi and Amrita Sajja and student coordinators are Aditya and J Divya.

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IEEE AGI Circuits and Systems Student Branch Chapter (SBC10181A)
conducted
Paper and Poster Presentation contest on 31st July 2017

Report on two days Workshop on Sixth Sense Technology

17/08/2017

Venkatapur

IEEE AGI Circuits and Systems Student Branch Chapter (SBC10181A) conducted two days Workshop on Sixth Sense Technology on 10th and 11th August 2017. All ECE Department Students were invited to participate. 44 students of our III and IV year ECE, 6 IEEE CAS students and 3 students from MJIT have participated in that event. The workshop is conducted by Robokart , Innovation Cell IIT-Bombay. The faculty coordinators are Dr.Farooq Hashmi and Amrita Sajja .The resource person for the workshop is Mr.Sameer, R & D team, Robokart, Bombay.

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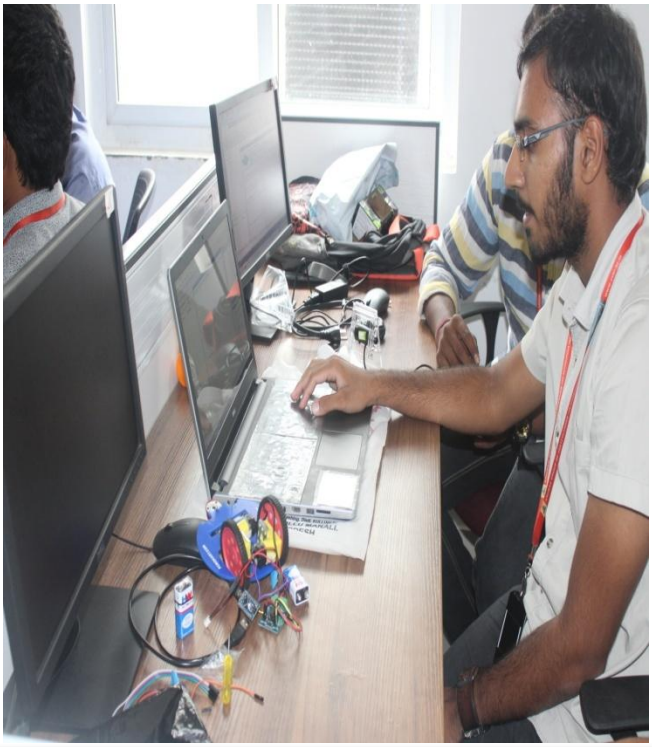

IEEE AGI Circuits and Systems Student Branch Chapter (SBC10181A) conducted two days Workshop on Sixth Sense Technology on 10th and 11th August 2017

MICROWAVE OSCILLATORS

Report

The Department of Electronics and Communication Engineering organised a Guest Lecture on 'Microwave Oscillators' on 1st September, 2017 by Prof.Hari Kumar, Professor,in Geethanjali College of Engineering and Technology, under IETE student chapter. It is organised for IV year students and 250 students attended the lecture. The lecture started with introduction to his profile education and his present designation which defines as a successful person.

His experiences were like gold mines,helped many faculty to publish in quality research journals.

He Received the "Best Teacher" award 3 times in ECE Dept. of MVSR Engg. college in the years 1995, 1997 and 2000 and acted as Subject Expert Member in the Interview Board for Brahmos Aerospaces Pvt. Ltd (DRDO)

He explained about the importance of microwave oscillators and how they are different from low frequency oscillators.

He told us about IETE community, how it works its agenda and how it is being beneficial to an engineering students.

He enlightened our brains about different kind of researches possible around us and made us familiar with different kinds of chapter bodies and communities that would help engineering students.

Guest Lecture on “Microwave Oscillators”

Bunching in Reflex Klystron
time
time
1 3/4 cycles
ANURAG GROUP OF INSTITUTIONS
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
Under IETE Student Chapter
Guest Lecture
On
"Microwave Oscillators"
(1st September 2017)
By
Prof. Hari Kumar
Professor, G.C.E.T,Hyderabad
Co-ordinator
Mrs.B.Hemalatha
Venue: Seminar Hall
E-Block(E-202)

ANURAG GROUP OF INSTITUTIONS
CIRCUITRIX
Mokshagundam
Visvesvaraya
(1861- 1962)
Venue: E -Block, Room No: 311

Table-2
Table-1
10

ANURAG GROUP OF INSTITUTIONS

(Formerly CVSR college of engineering)

An Autonomous Institution

Accredited by NBA,Approved by AICTE

Venkatapur (V),Ghatkesar(M),Medchal(Dist.), Telangana state

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

MOKSHAGUNDAM VISVESVARAYA (1861-1962)

On the occasion of Engineer's Day

THE INSTITUTION OF ENGINEERS (INDIA) AGI ECSC

Organizes

CIRCUITRIX

On 15th September 2017

Venue: E-block (311)

Report on one day Guest lecture on “Cloud Computing”

16/09/2017

Venkatapur

ISTE (Indian Society for Technical Education) AGI conducted a one day Guest lecture on “Cloud Computing” on 16th September 2017. All IV ECE Department Students were invited to participate in that event. The One day Guest lecture is conducted by Mr.R.Phani Bhushan,Scientist,ADRIN-Hyd. The faculty coordinators are Ms.K.Hari priya, and Mr.P.Praveen kumar.

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Report on Technical Quiz Contest

16/09/2017

Venkatapur

IEEE AGI Circuits and Systems Student Branch Chapter (SBC10181A) conducted Technical Quiz Contest on 15th September 2017 on the occasion of Engineer's day. All ECE Department Students were invited to participate in the event. First round is written test. The short listed 30 students were allowed to participate in second round. From Second round 3 Batches were shortlisted. Each batch consists of II, III and IV year students. 3 students of II, III and IV YEAR ECE won the first prize with cash amount of Rs.500. The faculty coordinators are Dr.Farooq Hashmi and Amrita Sajja and student coordinators are M Divya ,N Swapna and V Vani.

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IEEE AGI Circuits and Systems Student Branch Chapter (SBC10181A) conducted Technical Quiz contest on 15th September 2017