

# ELECTRONICS AND COMMUNICATION NEWSLETTER

Term: Winter | Issue 2 | Date: December 15, 2017

## MESSAGE FROM PROGRAM CO-ORDINATOR

I am extremely happy to share that the Department of ECE is bringing its newsletter highlighting the events and achievements of the Odd Semester, Academic Year 2017-18. Our mission is to Impart Knowledge through experiential Learning. I am privileged to see that our students have showcased their talents in co-curricular and extra-curricular activities. We look forward to have more in the future. My heartfelt thanks to the Faculty members and students for their support in bringing out this newsletter. It is distributed to keep stake holders up-to-date with current events and activities of the department.

“Nurture the Visionary in you”

Best Wishes



Prof. PAPPA M

## NBA -ACCREDITATION

Its a proud moment for Electronics and communication department as we have achieved 3years of Accreditation by NBA .

NBA team visited CMRIT- ECE department on October 21-23,2016 , they were extremely happy to interact with the Faculty and how meticulously ECE department is functioning.

We were happy to receive suggestion from the team to take the department to next level of academic excellence. The accreditation details were announced on FEB 2017

## KEY DATES (STUDENTS)

1. 1st February 2018: College Reopening
2. 1st week of April: Project Exhibition
3. 4-5 Jan 2018 Wireless networks and IOT using NS3
4. 10th February 2018 :Finalization of all Elective subjects
5. MTech mini project and final project synopsis dead line 1 st week Feb 2018

## NAAC- ACCREDITATION

Department of ECE, CMRIT would like to extend our heartiest congratulation to all the members of CMRIT on achieving NAAC A+ accreditation.

As a part of the college level accreditation process, the NAAC team visited CMRIT-ECE department during March 16-18, 2017.

The team carefully went through the documents and facilities provided by the department. In the exit meeting by the NAAC team, ECE department received special mention for its laboratory facilities and for the incorporation of knowledge sharing through experiential learning.



# NEW LAB

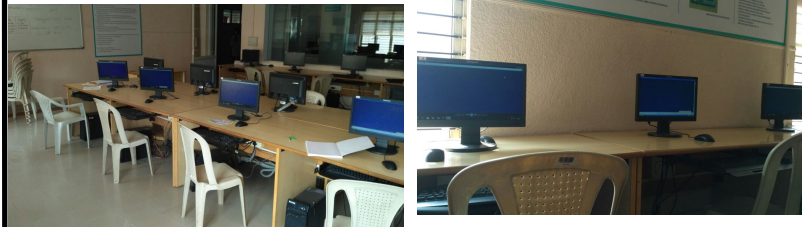
## EMBEDDED CONTROLLER LAB

- > ARM CORTEX M3
- > SOFTWARE USED :- KEIL MICRO VISION 4
- > Lab enhanced with new computer systems with high end configuration. New interfacing kits and modules etc.



## COMPUTER NETWORKS LABORATORY

- > Lab enhanced with new computer systems with high end configuration. New interfacing kits and modules etc.
- > Software upgraded for NS3, Turbo C



# DESIGN CONTEST

## TEXAS UNIVERSITY CHALLENGE

The student project titled, Indigenous Nucleic Acid Extraction Device from Clinical Samples was selected for DST & Texas Instruments Inc. India Innovation Challenge Design Contest 2016. The proposal got placed among the top TEN projects submitted. The project got a funding of Rupees five lakhs.

Mentor: **Prof. Phanikumar Pullela & Prof. Mahesh S Gour**

Team Members: 1. Vinod Kumar Kanchi (1CR14EC208) 2. Gagan Ramakrishna (1CR14EC060) 3. Deepika (1CR14EC054) 4. Anjali (1CR14EC024) 5. Vandana.C (1CR14EC203)

## PLACEMENTS

- > 136 offers
- > 96 students placed
- > Highest Paid : 6.5 Lakhs



## INTERDISCIPLINARY PROJECTS

'Heavy metal detection in water using Nano technology'

Publication: **BANGALORE MIRROR** Date:-**17.08.2017**

Edition **BANGALORE** Page No: **11**

Headline: **Is your water slowly Killing you?**

Mentor- **Prof. Surya V D**

Student name:- **Nithin Kumar ( 1CR15EC123)**



## SEMESTER TOPPERS

NAME	USN	SEM
Miss. Sushma Suresh	1CR13EC163	8th
Miss. Chandini Singh	1CR14EC045	6th
Miss. Shreeja R	1CR15EC174	4th

## UNIVERSITY RANK

Name	Rank	Year	Course
Miss. Indurani	2	2017	MTech (Digital Electronics)

## DEPARTMENT ACTIVITIES

sl.no.	Workshop/FDP	Conducted/Attended	No of Participants with date
1	Workshop	Embedded design using FPGA, Sandeepani, Attended	15 Participants, 21/10/2017
2	Workshop	Embedded system using ARM Cortex M3	2 Participants, 11/8/2017 to 8/12/2017
3	FDP	QIP Short Term Course on "Integrated Circuits, MOSFETS, Op-amps and their Applications"	4 Participants, 4/12/2017 to 8/12/2017
4	FDP	Conducted Computer Communication Networks, CMRIT.	40 participants, 3/08/2017

## FACULTY ACHIEVEMENT

1 Prof. Surya Varchasvi D

>Letter of appreciation –Projects and Innovations

>Jury member Open Day, Electronics

Projects with Social Impact, R.N.S.I.T, Bangalore

,2017

2. Prof Muralishankar R

> On completion of 5 years service

3 Prof. Suganya S

>On completion of 10 years service.

4 Prof. Aritri D Ghosh

>On completion of 5 years service.

5 Prof. Naveen Kumar N

>On completion of 5 years service.

# ALUMNI ANNOUNCEMENT

University	Student Details	Course
University of Delaware, Newark	Mr. Mihir malladi	MS
Technical University of Chemnitz,	Ms.Sushma Suresh	MS
California State University	1.Ms. Chaithanya Sreenivas 2.Ms. Haarika Reddy	MS
University of southern California	Mr. Sunil V H	MS
University of Massachusetts	Mr.Shaurya Rajth Chitravanshi	MS
University Of Boulder, Colorado	Ms.Divya Sampath Kumar	MS

## FACULTY CELEBRATIONS



## SPORTS ACHIEVEMENT

Name	Achievement	Semester
Harshita H, Zishani Mishra, Tanuja R	1. Winner, Women Badminton Team, VTU Bangalore Central zone tournament, 5th September 2017  2. Fourth Place, Women Badminton Team, VTU Inter zonal tournament, 9th	3rd ECE
Harsha A	1. Gig Volley Ball Tournament, Runner up  2. 4th Place, Triple Jump, VTU 20th athletic meet.  3. 4th place, Relay 4*100 Mtr	3rd ECE
Shravani B	1. Shot-Put 8.69 Mtr. Won Silver at VTU athletic meet 2017-18  2. Silver Medal (Women Hockey) in Karnataka State Olympic Games -2017.	3rd ECE



# ETA FORUM

The July- December 2017 session gave a new form and purpose for ETA activities. Both student and Faculty coordinators worked hard to provide a vibrant platform for technical activities and discussions.

A peek in to the activities:

1. Name of Event: **Electro DAC**

**Date:** August 28, 2017 **Number of participants:** 23

2. Name of Event: **Buzz and Bet**

**Date:** September 5, 2017 **Number of participants:** 20

3. **Hands- on WORKSHOP on MATLAB**

**Date:** October, 7, 2017 **Number of participants:** 43

Resource Person: **Prof. Rahul N**

4. Name of Event: **Pspice Workshop**

**Date:** October 13, 2017 **Number of participants:** 19

Resource Person: **Prof. Surya D Varchasvi**

5. Name of Event: **Soft Skills on Embedded Design  
and Opportunities in Companies**

**Date:** October 14, 2017 **Number of participants:** 66

Resource Person: **Naveen, Suman, Selvakumar, Manoj  
( Reputed industry)**

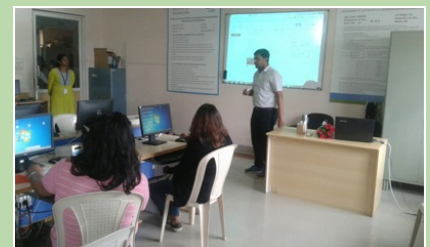
6. Name of Event: **Sudoku**

**Date:** October 18, 2017 **Number of participants:**12

## ETA Cordinators

**Students:** Mageshwari, Sai Bhavya B.P, Vinay Mattur

**Faculty Coordinator:-** Prof. Chetan H, Prof. Sachin A,  
Prof. Manohar



# INDUSTRIAL VISITS

## VISIT TO ISRO SATELLITE CENTRE (ISAC) ,BANGALORE ON AUGUST 11, 2017

Number of students: 150 Students

Faculty Coordinators: Prof.Mahesh Gour and Prof.Krishna Teja Yadav

A National Workshop on Popularisation of Remote Sensing Based Maps and Geo-spatial Information was organised jointly by ISRS and ISRO on the eve of National Remote Sensing Day on August 11, 2017 at ISRO Satellite Centre (ISAC), Bangalore. One hundred and fifty students of fifth semester ECE visited ISAC campus .



## VISIT TO BSNL RTTC, MYSORE ON OCTOBER 5,2017

Number of students:- Sixty seven students of fifth semester ECE

Faculty Coordinator :- Prof Sachin, Prof Manohar V , Prof Monika, Prof Sridevi

visited BSNL RTTC, Mysore on October 5, 2017. The group visited GSM Lab, Broadband Lab, Digital Switching Lab and Optical Fibre Communication Lab. Students were given insight in to networking and mobile communication infrastructure.



## INDUSTRIAL VISIT TO ISRO SATELLITE CENTER OCTOBER 25, 2017

Number of students:- 150 students of 7th semester ECE

Faculty Coordinator :-Prof. Manohar, Prof. Vinay.B.K and Prof. Sachin Aralikatti

In order to provide a practical exposure to the VII Semester Electronics students about the specific stream covered under one subject, we went a one day industrial visit to ISRO Satellite Center, old airport road Bangalore.The program was broadcast through different modes like live streaming at ISRS/ISRO/IIRS websites, A-View/YouTube channel and in offline modes of videos. In-between these videos there was a small break as the attendees were given some refreshments. The evening ended with a live panel discussion was held within the same auditorium, the panel was joined by many senior delegates of various departments, and students were allowed to ask questions about remote sensing. The workshop proved to be one of the largest mass awareness and sensitization programs on remote sensing applications in the country.



## NEW GURUS

Prof. Manjunath V Gudur

Prof. Sachin Aralikatti

Prof. Jayasudha

Prof. Reshma P G

Prof. Vijayalaxmi A

Prof. Abhilasha Sharma

Prof. Riya Roy

Prof. Manohar V

Prof. Swathi Sharma

Prof. Suchismita Sengupta

Mrs Vedha

Miss Kusuma Latha



Edited by

Prof Jyoti Roogi

Prof Preethi A

Prof Chetan H

## PHOTO GALLERY



Prof. Pushpa S is a versatile Bharatanatyam dancer and Carnatic classical vocalist. She is following her passion amidst her hectic work schedule and her contribution towards classical dance has reached a new heights through the inception of "OMKAR institute of performing arts", Amruthnagar, Bangalore.

### Workshop at IISc Bangalore



### BE Graduates 2013-2017

### MTech Graduates 2015-2017



## ANNOUNCEMENTS

### Announcement 1: Tied Knots

>Mr. Rahul Tiwari & Ms.Chandrika

>Ms. Jagriti Gupta & Mr.Shubham

### Announcement 2

>Feb 24, 2018 Alumini Meet