

# RAJARAJESWARI COLLEGE OF ENGINEERING

Ramohalli Cross, Kumbalgodu, Mysore Road, Bangalore - 560074

## SAMPARKAVANI

### Department of Electronics & Communication Engineering

Dear Readers,

Season's Greetings from Department of Electronics & Communication. The New Year starts with new hopes, new aspirations and new promises. We are glad to come up with the third annual issue of newsletter. In this issue you will find an overview of activities and events that were delivered this year. We have tried to capture the efforts put in by the ECE department to make the whole teaching learning process more interesting and effective. We will continue the to work on interesting concepts make it an ultimate resource of information.

Do check out the photo gallery which has photographs of all the achievers and toppers during the academic year 2017-18(ODD SEM).

### Editors notes

We are happy to announce that News Letter "Samparkavani" for the Year 2017-18 (ODD) is released. We hope that every activity for the period 2017-18 is reflected well in the News Letter.

We thank the Principal, RRCE, Faculty, Staff and student for their effort and co-operation.

### Editorial Board

- ♦ **Dr. Rangaiah L, Professor & head Dept of ECE,RRCE**
- ♦ **Sumitha manoj , Assistant prof ,Dept of ECE,RRCE**
- ♦ **Deepika J, Assistant prof ,Dept of ECE,RRCE**

### Faculty Members:

Dr. L. Swarna Jyothi  
Dr. Rangaiah L  
Dr. Soven K dana  
Prof S. M. Vijaya  
Prof V. Sreepathi  
Prof P. Bhuvaneshwari  
Prof Sunitha. R  
Prof Aruna. S  
Prof Lokesh. K  
Prof Sumitha Manoj  
Prof Vani. S. Badiger  
Prof Santhosh. G  
Prof Harish. N.J  
Prof Santosh Chavan  
Prof Chaithanya. S  
Prof Ajay M  
Prof Jyothi A P  
Prof M. SathyaSreenivas  
Prof Darwin Britto. R  
Prof Suresh M  
Prof Haritha K S  
Prof Deepika J  
Prof Pushpa M J  
Prof Namitha S

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### Message From Principal's Desk

**Dr. BALAKRISHNA R**



It is happy and proud to showcase the achievements of ECE, especially Learning & achievements grow in an environment that nurtures it and RajaRajeswari College of Engineering has taken great part to ensure that students lack for nothing and likelihood of achieving this is strengthened by the fact that we offer an academic program that includes breadth and depth, is rigorous, and which can be tailored to individual needs.

RRCE has strived to be unique by encouraging research on campus as a means to take classroom teaching-learning to new heights. Every laboratory doubles up as a research centre/project arena where staff and students vie with each other to create new designs, working models, test new concepts. Student chapters of various associations compete with each other to organize the most challenging, innovative and popular event.

### Message From HOD'S Desk

**Dr. L. RANGAIAH**



It gives me immense happiness to present the sixth annual newsletter of the department for ODD sem of the year 2017-18. The department has witnessed a number of academic and professional activities during the year 2017-18. I take this opportunity to express my sincere thanks to the management RRCE, for continued support and encouragement. I appreciate and thank all my colleagues for their cooperation and devotion.



## DEPARTMENTAL WORKSHOP

1. "Learn Electronics and Do Your Own Projects" By Harish R Technical Head, Win-Global Tech, Bangalore.



2. python programming By Dr. Soven K dana, Professor, Dept of ECE, RRCE, Bangalore .



3. "Concepts of C and Key Aspect To Crack Interview Questions!!" By Mr. Karthik M N , NIET, Bangalore



## Expert Talk

1. "Introduction About Analog Circuit Design" By Shripad Annigeri, Entrepreneur and Ex-Director of Mega Chips Bangalore.





2. “Programmable Logic Design(PLD)” by Mr. Suhas, Esteemed Alumni 2010, Assistant Professor, Department of ECE Mechatronics, Govt Tool Room and Training Centre, Bangalore

3. “Carrier Opportunities in VLSI, Data Sciences and VLSI” By Mr. Rajshekar Rajanikant , Anaworks Technologies ,IC& IOT Solutions ,Bangalore



## Skill development programs

1. “Analog Circuit Design Using Cadence Tool” By Mr. Shripad Annigeri, Entrepreneur and Ex-Director of Mega-Chips,Bangalore .

2. “Product Design Using Board Level Approach “By

1) Mr.Karunakar, Funded Director, SchemaZen Technologies Pvt. Ltd., Bengaluru

2) Mr. Lakshmi Narasimha I.N, Business development Manager-Technical, SchemaZen Technologies Pvt. Ltd., Bengaluru

3. “Demonstration and Hands on Session of Debugging and Testing Of Electronic Equipments”ByMr. Suhas, Esteemed Alumni 2010, Assistant Professor, Department of ECE Mechatronics, Govt Tool Room and Training Centre, Bangalore

4. Projects for beginners from Concepts to Implementation using Open Hardware By **G Prashanth Reddy**,Team leader,Intel India, Bangalore



***AICTE Sponsored One Week Hands On Workshop  
On  
“Advances In Communication Networks Using NS-3”***

**DAY 1 - 11<sup>th</sup> December 2017**

**INAUGURATION FUNCTION**

**Chief Guest **Dr. L Pratap Reddy**, Director (R&D), JNTU Hyderabad, Working  
Chairman, SWECHA**

**KEYNOTE SPEECH**

**Dr. L Pratap Reddy** Director (R&D), JNTUH, Working Chairman, SWECHA  
**TOPIC: FLOSS Contribution to Information Communication Technology**

**SESSION – I**

**Mr. Balachandran Kamat**, Senior Consultant, Wipro Technologies  
**TOPIC: Connected Devices**

**DAY 2 to 5 - 12<sup>th</sup> TO 17<sup>th</sup> December 2017**

**Resource Persons: **Mr. Nithin K & Team**, Impulse Systems, Bangalore on NS2**

**DAY 6 - 16<sup>th</sup> December 2017**

**SESSION-II**

**Dr. Polaiah Bojja**, Professor in ECE, K L E F University  
**Topic: Evaluation Of Networked Control Systems Using Wire Less Sensors Network For  
Real Time Applications**

**SESSION-III**

**Dr. S. Rominus Valsalam**, Former Scientist CDAC, Research Advisor, KLEF University  
**Topic: Research & development activities and research methodology for faculty development**

**SESSION – IV**

**Dr. Jyotirmoy Karjee**, Scientist, TCS Research & Innovations  
**Topic: The Role of Communication Networks for Internet of Things Specific Use-cases**

**VALEDICTORY FUNCTION**

**Chief Guest**

**Dr. S. Rominus Valsalam**, Former Scientist CDAC, Thiruvananthapuram  
Research Advisor, KLEF University



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## FAREWELL 2016





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Prof. Usha.K.S  
Prof Abilasha.C.P  
Prof. Salma Roslin Mary

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## Students Outreach Program



## Expert Talk on “Industry Expectation from Young Engineers”





## Expert Talks

### "IOT BLOCKCHAIN AND MICRO-SERVICES"



### "The Semiconductor Industry Opportunities and Challenges"



### "Industrial Internship Program"





# Fare well 2018

