

**K.RAMAKRISHNAN COLLEGE OF  
ENGINEERING  
SAMAYAPURAM, TRICHY - 621112**

**HIGHLIGHTS OF EEE  
DEPARTMENT ACTIVITIES**

**DURATION  
JAN'18 – DEC'18**

**HOD : Dr.K.DHAYALINI  
AHOD : Mr.A.SUBRAMANIYA SIVA  
Dr.R.ILANGO**

# **HIGHLIGHTS OF EEE - DEPARTMENT ACTIVITIES**

**DURATION : JAN'18 – DEC'18**

The department of EEE of K. Ramakrishnan College of Engineering is a recognised Research Centre of Anna University Chennai.

## **JANUARY : 2018**

❖ **IEEE Students Chapter – Inter departmental Paper Presentation – TECHNOGLOW** was organized by EEE Department on 30.01.18. In that 70 teams were registered from all departments and 22 teams were scrutinized and done their presentation.

**I Prize (Rs.1,000/-) – Ananda Keerthan R – ECE/II-A**

**II Prize (Rs.750/-) – Suba Keerthana G and Ruba S – CSE/II-B**

**III Prize (Rs.500/-) – Stalin Barath and Suriya Prakash S – MECH/III-C**



❖ **IEEE Students Chapter – Technical Quiz for 1<sup>st</sup> years** was organized by EEE Department on 29.01.18. In that 70 teams were registered from all departments and 10 teams were scrutinized and done their presentation.

**I Prize (Rs.500/-) – Yogesh Deva Asirvatham J & Vijayakumar M ECE/I-C**

**II Prize (Rs.300/-) – Aakash Antony S & Dinesh Kishore M – MECH/I-A**

**III Prize (Rs.200/-) – Dharani R & Abitha Shri M – EEE/I-A**



- ❖ Three students Dinesh Kumar C, Ajith B, & Surendar from III year participated in “**M-BAJA 2018**” National Level Event conducted by NATRAX, SAE India @ Pithampur (Indore), Mathyapradesh from 25.1.18 – 28.1.18.
- ❖ **IEEE Students Chapter** - Technical seminar on the title “Smart Grid” and “Automatic E-payment using RFID Method” on 21st January 2018.



## **FEBRUARY : 2018**

- ❖ **IEEE – Power & Energy Society Student Branch Chapter** was approved and formed in **K.Ramakrishnan College of Engineering** by IEEE on **February 1 , 2018**.
- ❖ **IEEE Student Branch** - Technical Talk on “**RASTER GRAPHICS EDITOR-ADOBE PHOTOSHOP**” on 13th February 2018.



❖ Our Esteemed institution “K.Ramakrishnan College of Engineering” was awarded as **IEEE Best student Branch** award for the year 2017 towards organising activities by IEEE and it was received by **Dr.K.Dhayalini HOD/EEE** on **24.02.18**.



**IEEE**  
MADRAS SECTION

INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS  
MADRAS SECTION

***Certificate of Appreciation***

IEEE Madras Section expresses its appreciation to  
**K RAMAKRISHNA COLLEGE OF ENGINEERING**  
for organizing activities towards the advancement of IEEE and  
Engineering Profession during the year 2017  
The **Student Branch** is classified as Grade **B**

  
**Dr. T. Michael N. Kumar**  
Secretary  
IEEE Madras Section

  
**Dr. M.A. Atmanand**  
Chair Person  
IEEE Madras Section

❖ **IEEE - Women in Engineering Student affinity Group** was approved and formed in K.Ramakrishnan College of Engineering by IEEE on February 24, 2018.



❖ Three days National Level Workshop entitled **“Intelligent Power System Simulation Studies using MiPower Software”** was conducted by Mr.M.T.Basil , Senior Engineer &Mr.P.Sashank Narayan, Engineer from PRDC Bangalore. In that a total of 76 participants (External-10, Staff-11, Internal-55) were actively participated in the workshop from 14.2.18 – 16.2.18.



❖ Two days Training entitled **“Hands on Training in Recent trends in Industrial Automation”** was conducted by Mr N. Kumar , Manager, AGIIT Technologies. In that a total of 121 participants (External-74, Internal-47) were actively participated in the training between 20.2.18 & 21.2.18.

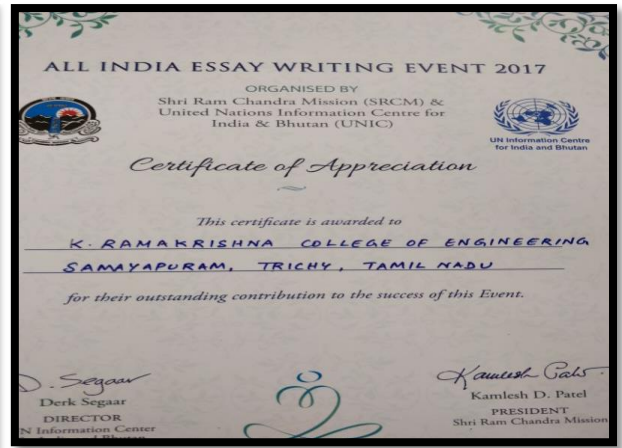
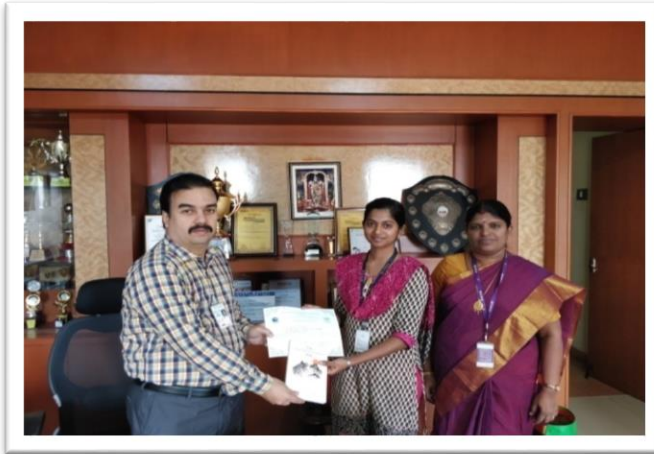


❖ Five days Value Added Course entitled **“Hands on Training in Recent trends in Industrial Automation”** was conducted AGIIT Technologies. In that a total of 34 participants from III Year EEE participated in the training between 20.2.18 & 21.2.18 & 26.2.18 to 28.2.18.



❖ IEEE – Power & Energy Society Student Branch Chapter was approved & formed in K.Ramakrishnan College of Engineering by IEEE on February 1, 2018.

❖ All India Essay Writing Event 2017 was appreciated our institution “K.Ramakrishnan College of Engineering” for their outstanding contribution in the essay writing event & it was organised by Shri Ram Chandra Mission (SRCM) & United Nations Information centre for India & Bhutan (UNIC) on 20.2.18.



- ❖ IEEE – Women in Engineering Student affinity Group was approved & formed in K.Ramakrishnan College of Engineering by IEEE on February 24, 2018.



- ❖ Industrial visit to Ramco Cements, Ariyalur on 20th February 2018. The main motive of this visit was to gain industrial exposure and to enhance the knowledge in electrical drives. Around 63 EEE students attended the industrial visit.



- ❖ IEEE Student Branch and EEE department has organized a “PRESENTATION ON RENEWABLE ENERGY SOURCES” exclusively for 2nd year EEE students on 16th February 2018.



- ❖ IEEE Student Branch and EEE department organized a “DRISHTI ONLINE TECHNICAL CONTEST” in association with TEXAS INSTRUMENTS-USA for the students of EEE, ECE, CSE & MECHANICAL departments on 21st February 2018.



### **MARCH : 2018**

- ❖ 67 Students from EEE Department participated in **TATA Crucible - Business Quiz Contest** conducted by NIT , Trichy on 08.03.18. in that form II year EEE B section **R.Ranjeet Skanda got the Audience prize.**
- ❖ 6 students from III year EEE A participated and got into the **Top 5 position in National level Smart India Hackathon'18 - Software Edition** conducted by Ministry of Health and Family Welfare and Ministry of Ayush @ Gurunanak Institute of Technology Kolkata.





❖ **An Inter-Collegiate Project Contest EXPROJIA'18** honoured by **Er.A.Anand Deputy General Manager, Honorary Joint Secretary, Institution of Engineers (India), Trichy Local Chapter 20.3.18**



- ❖ **An intra- collegiate project contest PROCON'18** was organized successfully on 23.03.18 & **Er.S.Lakshmanan Senior Engineer, Electrical & Civil Township (BHEL), IEI Honorary Secretary** was the chief guest.



- ❖ Successfully organized the Second International Conference on Innovations in Engineering, Technology & Science ICIETS-2018 on 13.03.18 & 14.03.18. More than 33 papers were published by both students and faculties of EEE department.



### **APRIL : 2018**

- ❖ EEE department has organized a Project contest on 10th April 2018. Students showcased their innovative ideas in the form of small projects. The main idea of this contest is to encourage the students in building up innovative ideas.



❖ Our Alumini, **Mr.S.Vignesh Ram, Graduate Engineer Trainee (Honda Flywheel & Stator Assembly) MITUSUBA SICOT PRIVATE LIMITED**, was invited as a Chief guest for **Achiever's day function** on 19.04.18.



### **MAY: 2018**

❖ Two faculties **Dr. K. Dhayalini & Mr. P. Vigneshwaran** have received the "**Green9 Energy Excellence Award**" on **19th & 20th May 2018** during All India National Development Conference & Sister Nivedita 150<sup>th</sup> year Birthday Celebration – **Kalam Vision 2020 Award**.



**JUNE : 2018**

❖ Telectra Chargers Association was Inaugurated by **“Dr.Thanga Raj Chelliah”**. **Assistant Professor of Hydro-Electric System Water Resources Development & Management Department, IIT Roorkee, Utrakhand** by having a seminar talk on the topic of **“Application and challenges on MW Power Electronic System”**.



❖ Department of EEE organized an awareness programme on Higher studies for Engineers on 26th June 2018. Mr. B. Nagarajan, Business Development officer, Gate-forum Engineering Success was the guest speaker.



- ❖ IEEE Student Branch and Department of EEE conducted Two days Faculty Development Programme on “High Voltage Engineering” from 20.06.2018 to 21.06.2018.



### **JULY: 2018**

- ❖ EEE organized value added course on “Real time Embedded system using Arduino” held during 2nd to 4th July 2018. Around 30 students benefitted through this value added course.



- ❖ Four day Value Added Course entitled “ **Mastering the 8051, PLC, ARM, Arduino & Raspberry, PI Controllers**” was conducted for II year Top 25% students on **05.07.18, 06.07.18 , 09.07.18 & 10.07.18.**



❖ III year EEE A & B students attended seminar on “ **Art of Mastering Interpersonal Skills** “ by Mr.D.R.Edwin Christy, AP/English , St.Joseph College, Trichy on 25.07.18.

❖ **Memorandum of Understanding (MOU)** was signed with Pantech Pro Ed.Pvt Ltd on 16.07.18.

### **AUGUST : 2018**

❖ **Power Quality Analyser Fluke (438-II)** was purchased on **01.08.2018** for **Research and Development** purpose to enrich the knowledge of the students as well as the research scholars.

❖ IEEE sponsored national level technical symposium ‘**KRYPTO-18**’ held on **2<sup>nd</sup> august 2018** at K.Ramakrishnan College of Engineering, Tiruchirappalli.



❖ IEEE Student Branch and EEE department has organized “**TECHNICAL PRESENTATION**” exclusively for 2nd year EEE students on 16th August 2018 to improve their technical and communication skills. Around 65 students in batches presented on innovative topics.



- ❖ IEEE Student Branch and EEE department has organized guest lecture on 30th August 2018. The guest lecture was on the title “Power system Protection and Switchgear” by Dr. P. Raja, Associate Professor, National Institute of Technology, Trichy.



### **SEPTEMBER : 2018**

- ❖ III & IV A&B students attended the seminar entitled “ **Energy Management**” by **Dr.L.Ramesh, Chairman & founder of Energy Efficiency Group & Dean Dr.M.G.R. Educational & Research Institute, Chennai on 17.09.18.**



- ❖ **Mohamed Fasil from II EEE B** was appointed as **Campus Ambassador of Team Quark** as a part of BITS Pilani – K K Birla Goa Campus from Internshala.
- ❖ **51<sup>st</sup> Engineers day celebration and Industry Institute Partnership cell Inauguration** and technical talk held on **15<sup>th</sup> September 2018** at K.Ramakrishnan College of Engineering, Tiruchirappalli.



## **OCTOBER : 2018**

- ❖ **V.R.Rejoe (EEB1524) & P.Perinbaraj (EEB1510)**, MOTO STUDENT RACING (Solemade racing KR) in Spain during 03.10.18 & 07.10.18.



❖ Mr.A.Subramaniya Siva, Dr.K.Dhayalini, Dr.R.Ilango , Mr.R.Anbumozhi & Mr.P.Karthikeyan visited **High Voltage Lab** at Sastra University on 10.10.18.



### **NOVEMBER : 2018**

❖ Dr.K.Dhayalini, has been awarded with **IEEE 10<sup>th</sup> Individual Benefits & Services, IEEE Asia Pacific Limited on 19.11.18.**

❖ **6 University Rank holders from EEE Department (BATCH – 2014 to 2018):**

<b>S.No</b>	<b>NAME</b>	<b>RANK</b>
1	M.Mirudula	27
2	M.Anusuya	30
3	J.Meena	38
4	K.C.Ramesh	41
5	G.Keerthana	49
6	G.Aishwarya	50

❖ Signed a **Memorandum of Understanding (MOU)** with Galwin Technology Private Limited, Trichy on 13.11.2018.

### **DECEMBER : 2018**

- ❖ Value added course on “ Industrial Electronics” by LIFT technologies for 123 second year students during 6.12.2018 to 11.12.218.



- ❖ Conducted a National level workshop on “Energy Management Auditing” on 20.12.18 - 22.12.18 by Dr.Venkatanarayanan , Professor K.L.N. College of Engineering.



- ❖ Seminar talk on “Energy Conservation and its Impact on Technological Industry” was presided by Dr.Kevin Ark Kumar, Deputy Manager , Electrical , BHEL on 19.12.18.

