



**DEPARTMENT OF ELECTRONICS AND
COMMUNICATION ENGINEERING**

NEWSLETTER

Edition: **October 2017**
Volume: **14**
Issue: **6**



Editor in Chief
Dr.S.A.Pasupathy
HoD / ECE

Editor
Ms.K.Karthika
AP / ECE

EDITORIAL TALK

Dear Readers,

Apropos to our earlier dissemination on reengineered processes, this issue highlights the initiatives of the department to provide better Student satisfaction during their studies. The cluster named



“Student Affairs” headed by Prof. R. Karthikeyan is aiming to provide necessary support for the well being of students in the campus. This cluster will always work in collaboration with all the clusters namely, Curriculum design and Teaching Learning (CDTL), Industry Connect, Research& development and Outreach.

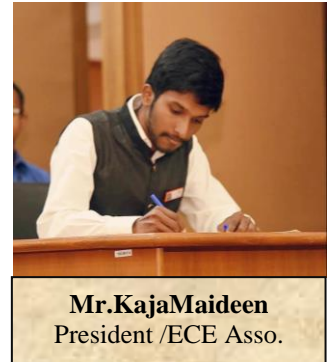
The students are always hesitant to speak about their problems in public forums such as class & course committee meetings and student forums. To overcome this issue, we get the feedback through Google form prior to the meetings which are providing very useful information for us to analyze and take necessary action from the department. Moreover, with this google form, majority of our students are providing very useful information to us. In the department, we are encouraging the students to take up research projects and most of the time students are not able to identify and approach a suitable guide for them. This student affairs cluster is bridging the gap between student and faculty members. Whoever approaches the student affairs cluster will be guided not only for their projects but also for their personal issues.

With the advent of technologies, the interactions between peers and seniors have considerably reduced. However, networking capability is an essential life skill which every student should acquire. To improve the interpersonal skills, we have introduced peer-peer learning technique and it is executed by the department association. For instance, senior students taught Arduino programming to their juniors. This is helping the students to interact freely with their peers and subsequently resulted in better learning. I trust that the changes made in the student affairs cluster will bring necessary changes in developing industry-ready engineers.

Best Regards,
Dr.S.A.Pasupathy / HoD-ECE

DEPARTMENT PRESIDENT TALK

With deep sense of duty and high resolve, I accept all your support. Responsibilities stands at the top and am very much honored to take up this collective responsibility for betterment. As we begin this journey, the team had discussed some of the ideas that we have planned to



Mr.KajaMaideen
President /ECE Asso.

implement for all of us. But nothing could be fruitful without your support and cooperation. This team (Association of Electronics & Communication Engineering) cannot fail the trust; we cannot fail to try. I hopefully believe to the fullest of our ability and then that of Almighty. As long as we have the courage to keep reaching, to keep working, to keep up fighting achievement is not a big deal. A start and a strict adherence to a plan are also needed. Rest will be history. With all your support, we the team will continue our journey forward.

DEPARTMENT ASSOCIATION

The ceremony kick started with a prayer song given by Monisha Thangam of II ECE-C. The Dignitaries on the stage were asked to light the kuthuvizhaku which was followed by the welcome address which was delivered flawlessly by the Vice President of ECE Association Ms.V.Darsini. Further the program moved on with the inspirational speech from our beloved Head of ECE department Dr.S.A.Pasupathy. Mr.J.Kaja Maideen/President/ ECE Association, introduced Office bearers and the Executive members of the academic year and the year plan which they are about to execute.

After that, the Chief guest of the function Mr.Subramanian Ramalingam, Senior manager, Pricol Technologies gave the Chief guest address and a lecture on Embedded systems and the recent advancements in technology. It was an eye opener and was very informative. ECE Department had conducted some

events for sophomores & final year students and the winners of the respective events were awarded with cash prizes and certificates. Presence of Prof.K.Ramprakash made the ceremony more memorable by his provoking speech. His journey in this institution is three decades, and still he has the same enthusiasm and dedication. Living example for live and let live. Finally the ceremony ended successfully as Mr.B.Sri Sai Ram, Treasurer, ECE association proposed the Vote of Thanks. A day to remember indeed!

ALUMNI COLUMN

I always feel happy about my life at KCT. I would call it as golden period of my life. In KCT, I am blessed with awesome friends and nice faculties, through them, I learned lot of essential life skills apart from academics. Looking at the current path and pace of KCT development towards



Mr.P.Anand
(2008-2012 Batch)

education, I am sure it would be a wonderful place to explore and strengthen the required skills constructively. During my college days, I didn't know the purpose of many things that I was asked to do. But I did realize them later that how crucial those are to my day-to-day life and professional career. Such examples are seminars and public speaking. Initially, I felt shy and annoyed to do it in front of our classmates. But those practices are vital as you might realize it later. From my personal experience, going behind money would give neither peace nor satisfaction but going behind or exploring your likes will give you a fulfillment. I have no doubt that my juniors will achieve more heights and make this world better place to live. But I would urge you to develop critical thinking and hone your life skill which will yield benefits in the long run. Just keep in mind that ***"Where there is a will, there is a way"***.

CLUSTER WISE ACTIVITIES

RESEARCH

- Ms. S. Sasikala submitted a project proposal to the funding agency ***"Institute of Engineers"*** on 12.09.2017
- Dr. K.Malarvizhi , Dr. Ramalatha Marimuthu , Dr. K.Paramasivam submitted a project proposal to the funding agency ***"National Monsoon Mission"*** on 25.09.2017

STUDENT AFFAIRS

- Remedial classes were arranged for the students enrolled for supplementary examinations.
- An awareness program on ***"Competitive Exam -GATE for ECE"*** was conducted
- 45 students have enrolled for GATE-2018

OUTREACH ACHIEVEMENTS

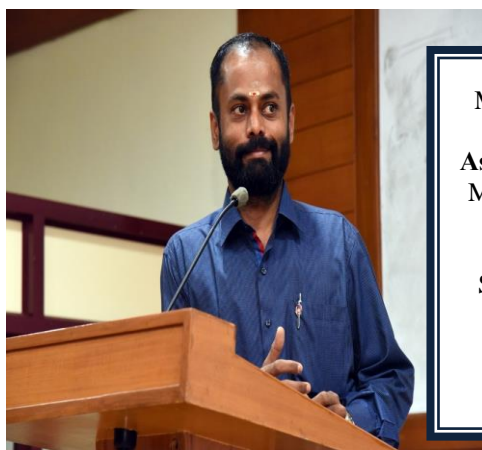
- 45 projects have been submitted for TI India innovation challenge.
- The project titled ***"KC.Biogas"*** was nominated to present in Delhi for the ***AICTE Chattra Vishwa Karma Awards*** by team of ECE(Ranjitha.V and Seethalakshmi of III-ECE guided by Mr.Timothy D Paul) and Mechanical department our dept members include Two other projects from our department had competed till the second round for the Vishwa Karma Awards.
- Three projects were applied for India Innovation Initiative – i3, 2017award.

DEPARTMENT EVENTS

- ❖ Inaugural ceremony of our Department Association was held on 01.09.2017.
- ❖ Result analysis meeting for May-June 2017 exams was held on 21.09.2017

- ❖ Discussion @ lunch on the topic “**Smart Wheel Chair**” by, “**Touch Screens – An insight**” by Mr.A.P.Ajay /AP-I, “**RF Filter Design**” by T.L.Roshini / II-M.E (CS) and “**Smart Glove for Visually Impaired People**” by Ranjitha V and Seethalakshmi, III Year ECE-B on 06.09.2017, 13.09.2017, 20.09.2017 and 27.09.2017 respectively.

- ❖ The following companies were visited for recruitment. ZOHO Partners - ITK Technologies, Smartprix, Appranix, Musigma, Core EL, Accenture, Amazon, Verizon, Elgi Equipments, Zoho Corp, Morgan Stanley, VVDN Technologies, KLA tencor, Newgen.



Motivaional talk on
“**Future Career Aspects**” by Mr.Vijay Mohandas /Alumni - 1997 Batch /Entrepreneur / Sivasakthi Papers / Coimbatore on 21.09.2017

FACULTY AND STUDENT CORNER

- ❖ Mr.R.Darwin/AP-II, Ms.K.Anusha/AP-I, Ms.Shiji Shajahan/AP-I, Ms.K.Karthika/AP-I attended Two days workshop on “**CMOS RF Receiver Front End Design using CADENCE and ADS EDA Tools**”, organized by Dr.Mahalingam College of Engineering and Technology, Pollachi from 26.09.2017 to 27.09.2017
- ❖ Saranya R, Sabari Aarthi N.M, Sindhuja M presented a paper titled “**Automatic Detection of Break Failure in Train Braking systems**” in International Conference (ICNFESMH-2017), IETE at O.U Campus, Hyderabad on 03.09.2017

The students of III-ECE-C have taken a great initiative of starting a **charity work**. They put in a small amount of their pocket money every month which is collected by a few volunteers. These volunteers plan a charity day where the students go by person and offer **food to orphan children**. These children are not like other kids but are **HIV victims**.



This good works was started two months ago and seems going great. For the month of August, they went to Assissi Snehalaya, Reddigoundanur, Palakkad main road. There were more than 40 students and lunch was provided to them. For the month of September, they went to Mercy home, Puliakulam, Coimbatore. There were more than 30 kids who were also HIV victim. This work will go on and the students will volunteer to help those who need them.

ACHIEVEMENTS / AWARDS BY STUDENTS

- ❖ S.B.Saranya and M.Shobikajanani of III year ECE won **First place** in Anna University Zonal Tournament – Volleyball held at SNS College of Engineering, Coimbatore on 08.09.2017
- ❖ Vigneshwaran G P of III year ECE-C won **I prize** in “**Kuraloviyam**” held at NIT, Trichy on 22.09.2017
- ❖ Vigneshwaran G P of III year ECE-C won **II prize** in “**Kavithidal**” held at NIT,Trichy on 23.09.2017
- ❖ A.Srivaradhan and T.Jeeva Prasanth of III year ECE and Siva Surya of II ECE won **First place** in Anna University Zonal Tournament – Basketball held at SNS College of Engineering, Coimbatore on 29.09.2017

**KCT AWARDS RECEIVED BY FACULTY FOR THE ACADEMIC YEAR
2016-2017**



Dr.A.Amsaveni / ASP
"Best Faculty – Departmental Contributor"
"Decennial (10 years of Service)"
"Special Recognition for setting up Industry and related laboratories"



Mr.R.Karthikeyan / AP-II
"Engal Aasaan"
"KCT - Best Academician"



Ms.K.Thilagavathi / AP-III
"Best Faculty – Alumni Connect"
"Decennial (10 years of Service)"



Ms.P.Pavithra / AP-I
"Best Supporting Faculty"



Dr.Ramalatha Marimuthu / Prof.
"Special Recognition for setting up Industry and related laboratories- Intel IoT"



Prof.K.Ramprakash
"Pearl (30 years of Service)"



Dr.A.Kavitha / Prof.
"Crystal (15 years of Service)"



Ms.R.Hemalatha / ASP
"Crystal (15 years of Service)"



Dr.S.Umamaheswari / ASP
"Decennial (10 years of Service)"



Dr.A.Alagumeenaakshi / ASP
"Decennial (10 years of Service)"



Ms.S.Nagarathinam / AP-III
"Decennial (10 years of Service)"



Dr.K.Paramasivam/Prof
"Technology Driven
Researcher Award"



Ms.N.K.Usha Rani / STA
"Silver (25 years of
Service)"



Ms.D.Geetha / STA
"Decennial (10 years of
Service)"



Ms.B.Devi / TA
"Decennial (10 years of
Service)"

GLIMPSES OF VARIOUS EVENTS





DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING



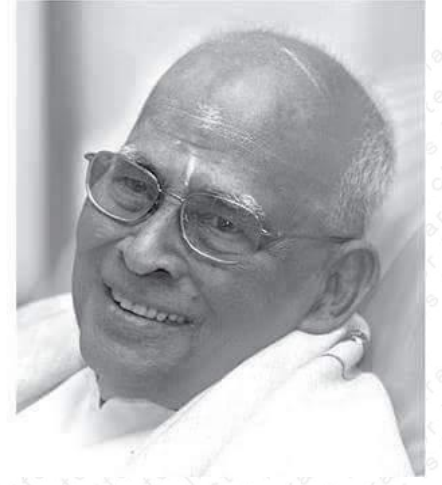
Department Vision

To be a centre of repute for learning and research with internationally accredited curriculum, state-of-the-art infrastructure and laboratories to enable the students to succeed in globally competitive environments in academics and industry.

Department Mission

- Motivate students to develop professional ethics, self-confidence and leadership quality.
- Facilitate the students to acquire knowledge and skills innovatively to meet evolving global challenges and societal needs.
- Achieve excellence in academics, core engineering and research.





வணங்குகிறோம் வழிநடப்போம்
உங்கள் வாழ்க்கை - எங்கள் பாதை



kct.ac.in

fb.com/kct.edu

kumaraguruece.wordpress.com

FOR SHARING ARTICLES/SUGGESTIONS CONTACT

The HoD,
Department of ECE,
Kumaraguru College of Technology,
Chinnavedampatti, Saravanampatti, Coimbatore-641049.
Phone:0422 2661200
Mail ID:hod.ece@kct.ac.in