

# C.ABDUL HAKEEM COLLEGE OF ENGINEERING & TECHNOLOGY-MELVISHRAM

## Electronics and Communication Engineering

Issue: April 2019



Newsletter

The ECE Newsletter is periodically distributed to keep stakeholders up-to-date with the most current events and activities of the Department of Electronics and Communication Engineering.

### VISION

To empower the ELECTRONICS AND COMMUNICATION ENGINEERING students, in creating disseminating technological excellence, professional commitments and social responsibilities

### MISSION

**M1** Accomplish a technical fitness through innovative Teaching-Learning process and Research & Development.

**M2** Nurturing the students to understand the societal needs and shape them with technical expertise as timely performers.

**M3** Cultivating live environment for the students to groom professionalism and handle practical challenges with ethical integrity.

### Events Organized

#### Workshops

- Mr.A.MdMian, AP/ECE, CAHCET Mr.F.Sahul Hameed, AP/ECE, CAHCET conducted the hands on training on “PCB Design and fabrication techniques” for II year students on 29.08.2017.
- Mr.I.Munaver Sheriff, AP/ECE CAHCET conducted Workshop on Android Apps Development for III year ECE students on 22/12/2017.
- One day workshop on Softskills was conducted by 360' Academy Bangalore for II,III,IV year ECE students on 30/12/2017.
- Mr.Raghul from Department Of Mechanical Engineering conducted the Workshop on Virtual Reality for ECE students on 29.01.2018

## Guest Lectures/Invited Talk

- Invited talk “Cloud Computing” by Mr.Anees Ahmed, DCKAP technologies,Chennai was organized by department on 23/09/2017 for final year students
- Dr.M.Venkatesan,Asso.professor CSE, NITK surthkal, Karnataka delivered a guest lecture on Soft Computing for final year Students on 17.02.2018

## Students projects

- Project Expo for final year students was conducted and 5 batches were chosen top three best projects.
- 19 students from final year projects had presented their papers in national and international level project competitions/conference.

## Industrial Visits

- Industrial tour has been arranged for II, III and IV year students and visited BSNL Chennai, NARL, Tirupati, Radio Astronomy Centre (TIFR), Ooty, Doordarshan, VI Microsystems and gained practical industry exposure
- 57 students (including III and final year) have undergone internships training in reputed orgnaization (BHEL, Code bind Technologies,Kashiv Infotech Chennai)

## Facilities Created in Department

**Project Lab** was established with an aim to enable the students to enhancing do final year projects, implement their novel ideas into applications, take part in various competitions.

**SMS based attendance systems** was developed and introduce into the department to record students daily attendance and send the message about the students attendance to their parents everyday.

**NPTEL E- Resource club** was established to enable the students to enhancing their learning experiences and to provide new sets of skills from experts.

## Publications

- S.Pavithra, Dr.G.Suresh, An Automatic machine learning-based framework for 3D neurite image segmentation “International journal for pure and applied mathematics” Vol 119 No. 15 2018
- V. V.Sneha, S.SenthilRajan, “Comparative assessment of various embedded electromagnetic band gap structures” Vol 117 No.16 2017
- P.Mohammed Sajid, Dr.A.Rajesh, A study of early detection of skin cancer using neural network “IJCRT” Vol 5, Dec 2017

## Simple & Best Inventions of 2017

### eSight 3

In a world of Internet-connected coffeemakers and juicers and whatnot, it's nice to find a gadget aiming to solve problems of a higher order. The eSight is an over-eye visor that helps legally blind people navigate via a combined high-definition camera and video display. Showing a live feed on a pair of OLED displays placed in front of the wearer's eyes, the lightweight, hands-free device do everything from read to provide directions. With virtually no input lag from the front-facing camera to the screens, eSight is a true augmented reality headset.



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