

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

The Department of Electrical & Electronics Engineering was started in the academic year 2002-2003. The Department offers an undergraduate programme in the field of Electrical & Electronics Engineering for which the student intake is currently 120.

The Department of Electrical & Electronics Engineering is approved by the All India Council for Technical Education (AICTE), and is permanently affiliated to Visvesvaraya Technological University (VTU), Belgaum in Karnataka.

The National Board of Accreditation, New Delhi accredited the department for 3 years in 2016.

The Department has established a Research Centre under VTU to facilitate research activities for both faculty and students.



In the nutshell

- >Workshop
- >Industrial visits
- >Students achievements
- >Placement details
- >Alumini details
- >Sports
- >Events conducted
- >Publications

DEAN'S MESSAGE

Dr. H N Shankar

Dean – Academics & Research
CMR Institute of Technology



As an engineering stream, there is hardly an aspect of human activity that is, in some way or the other, not touched by electricity or electronics. It is a foregone conclusion that we electrical & electronics engineers are here to stay!

The Department of Electrical & Electronics Engineering at CMRIT has always been vibrant with activities, academic and beyond. We believe that our biggest assets are our students, in whose success we see our success. In this spirit, the faculty and staff meticulously strive to teach, train, guide and mentor the students to facilitate their career growth. That our engineering undergrad program is NBA accredited bears testimony to the quality and impact of our thoughts and actions.

It is only appropriate that we reach out to the world with our departmental activities and share our success stories. We are acutely aware of the heights we seek to scale in today's competitive world. Nonetheless, it is with a sense of satisfaction and pride that we present this edition of our departmental newsletter which reflects our ethos.

I appreciate the efforts of and congratulate our students, faculty and staff for having put this together. I wish them all a bright and successful career.

WORKSHOPS

Two day workshop
on
Smart Grid Technology Issues & Challenges
15th to 16th April-2017



The department of Electrical & Electronics Engineering conducted a two day workshop on Smart Grid Technology Issues & Challenges which was supported by Indian Smart Grid Professionals Community (ISGPC). The purpose of the workshop was to enhance the knowledge and provide deeper insights in the field of smart grids. The workshop mainly aimed at training the faculty and students with sessions on various Smart Grid applications and its communication requirements (protocols and Internet of Things). Indian Smart Grid Professionals Community (ISGPC) is a group of enthusiastic technocrats with rich professional experience in the field of Power Systems Communication and Information technology. Many of the ISGPC members are currently working in major power companies like ABB, GE and Schneider Electric. Practical field experience of the members brings insights of the technology and helps to bridge the gap between universities and companies.



Five day FDP
on
Linear Integrated Circuits with Pspice
16th to 20th Jan 2017

CMRIT has been meeting the rapidly growing need for technology professionals by nurturing young minds in an innovative and progressive learning environment.

The department of EEE, ECE & TCE conducted a 5 day faculty development program on Linear Integrated Circuits with PSpice from 16th to 20th Jan 2017.

It was a quick guided tour through the concepts of analog electronic circuits and operational amplifiers. The participants were taken through analysis and design hands-on sessions with PSpice.



INDUSTRIAL VISIT



Industrial visit was organized for 6 semester students to Varahi Underground Hydro Power Plant and Bellary Thermal Power Station from 21st April 2017 to 23rd April 2017. Bellary Thermal Power Station has 4 coal fired generating units. Two of which are of 500MW capacity, one is 700MW and one of 750MW which was under construction. The controlling station is totally based on SCADA system. Varahi is Karnataka's first underground powerhouse – a key milestone in the corporation history of KPCL. Stage I of the Varahi Hydro Electric Project has a total installed capacity of 230 MW and Stage II of the Varahi Hydro Electric Project has a total installed capacity of 230 MW contributing 1100 MU annually. This consists of 4 x 115 MW generating units at Varahi underground Powerhouse and two 4.5 MW units in the power house at the Mani Dam site.

STUDENT ACHIEVERS



Vikas of 6th semester won a consolation prize of Rs 2000 in Srishti 2017 for the project : A Smart Solution to Curb noise pollution in Traffic under the category " Avishkar " held between 26th - 28th May 2017 organized by ABVP at RV College of Engineering.



Akash V Naik of 6th semester was elected as a member of the Student council 2016 - 2017 . He was in Organizing committee of the state level science project exhibition "Srishti 2017" organized by ABVP at RV College of Engineering. He was also designated as the chief placement coordinator for the batch 2017-2018.



Ashish Dahiya of 6th semester was elected as the Literary secretary for the Student council 2016-2017. He was in Organizing committee of the state level science project exhibition "Srishti 2017" organized by ABVP at RV College of Engineering. He was the campus ambassador of KrazyBee company

TOPPERS



Pavan Kumar Shetty scored 76.88% in 7th semester results.

Anjali scored 79.11% in 5th semester results.



Punith B scored 8.57 CGPA in 3rd semester results.

ALUMNI ACHIEVEMENTS



Sahana L, of 2010-14 batch received the Bharat Award International for Short Story Competition 2017 organized by www.PoiesisOnline.com. She is an active blogger and has published eight short novellas on her blog. Currently, she is posting the episodes of her ninth novella. Her blog has received over 17000 page views. She is pursuing M.Tech in Renewable Energy Engineering and Management at TERI University in Delhi



Babitha Susan George of 2010 - 14 batch completed Master's Degree in Electrical Engineering at The University of Texas at Arlington in May 2017

PLACEMENT DETAILS

Company name	Date of drive	Number of offers
Deloitte	1/8/2016	1
HP (Pool Campus @ Oxford)	1/10/2016	1
IBM	3rd and 04th Oct 16	4
TCS	5/11/2016	3
L&T Infotech	12th & 13th Oct 16	3
Capgemini	20/10/2016	7
Microland	12/12/2016	2
IBM (Tech Support)	13/11/2016	3
Amazon	2/2/2017	5
Epsilon	3/2/2017	1
Pinclick	16/02/2017	6
Ericsson	27/02/2017	13
Cyient	27/02/2017	2
Jspiders/Qspiders(BE)	9/3/2017	2
Tailwind Aviation & Consultancy	8/4/2017	4
PRDC	18/05/2017	4
MyCloud Forest	23/05/2017	2
Total		63

SPORTS ACHIEVEMENTS



Subham Vicky of 6th semester, EEE participated in the state level Cricket Tournament conducted by UVCE 2nd to 5th May 2017 at Bangalore University cricket ground and secured second place in the tournament.

Sukesh Shetty (8 sem), Sudheer Singh, Antony Paul and Francis Paul (6 sem) participated in state level football tournament conducted by UVCE from 15th to 19th April 2017 at Bangalore University foot



Ramya M (8 sem) participated in VTU Single Zone Hockey Tournament conducted by RYMCE, Bellari from 24th to 26th April 2017 and secured second place in the Tournament



EVENTS CONDUCTED



Prof. Kashif Ahmed organized the electrical Jeopardy – TeJ17 even sem Quiz Competition for 2nd semester J, L and M sections. The cash prize of Rs. 1000/- was sponsored by the management.

MINIPROJECT EXHIBITION



Students of fourth semester made prototypes of various kinds of power generation plants and was kept for exhibition.

PUBLICATIONS



Swathi k , Anjali raju ,Sunil k , Anusha m, Kashif Ahmed , "Unmanned Ground Robotic Vehicle (UGRV)" 2nd International Conference on Reliable Technologies in Power and Energy Systems (RTPES - 2017) organized by Dept. of EEE, AMC Engineering College, Bangalore on 10th and 11th May 2017.



Darshan M Hosad, M Chandana, Bhaskar, Sharen Ranjit, "An Integrated Starter-Generator and Winding Configuration For Hybrid Vehicles ",International Journal of Innovative Research in Electrical, Electronics, Instrumentation and Control Engineering (IJIREEICE), VOLUME 5, Issue 2, February 2017



Anusha K N , Isha n Chitransh, N Ganesh Reddy, Udaya Shree PR, Kashif Ahmed, " " RFID based Automated Highway Toll Collection System", 2nd International Conference on Reliable Technologies in Power and Energy Systems (RTPES - 2017) organized by Dept. of EEE, AMC Engineering College, Bangalore on 10th and 11th May 2017.

UPCOMING ACCEPTED IEEE CONFERENCE PAPERS

Tania H M , Jagadish Kumar Patra, Dr Manavalan G, Poongothai M G, Prema S, "A Closed Loop System to Stabilize a 24V Solar Nano Grid", International Conference on Smart Grids, Power and Advanced Control Engineering (ICSPACE 2017), Global Academy of Technology, Bangalore, 17-19 August 2017.



Kashif Ahmed, "Optimal cost Aanalysis of Off-Grid Hybrid Renewable Energy System with PV Degradation and Electrical Load Variation using Multi-Year Module and Advanced Storage Module", International Conference on Energy, Communication, Data Analytics and Soft Computing (ICECDS 2017), SKR Engineering College, Chennai, 2nd August 2017

