



CANARA ENGINEERING COLLEGE

ELECTRICAL AND ELECTRONICS ENGINEERING

DEPARTMENT

NEWSLETTER

DRISHYA

2018



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VISION

Department Vision

To be a **centre of excellence** in imparting **technical knowledge** in Electrical and Electronics Engineering field with **professional ethics and human values**.



Department Mission

- To provide comprehensive undergraduate education in the field of Electrical and Electronics Engineering to meet the Industrial and Societal demands.
- To enhance the knowledge, attitude, practical capabilities of the students and infuse in them the ability of continuous learning.
- To build team ethics, leadership qualities and to cater to the overall development of the students in professional and research oriented fields.

PROGRAM EDUCATIONAL OBJECTIVES

PEO 1: To produce competent graduates with adequate knowledge in the field of Electrical and Electronics Engineering so that they can serve government agencies, private industries and also be entrepreneurs.

PEO 2: To elevate the knowledge of our graduates to take up post-graduate studies in the fields of Electrical, Electronics, Computer Science and Management studies.

PEO 3: To inculcate in our graduates an inclination for lifelong learning contributing to personal growth and societal improvement.

PEO 4: To build the culture of team work and effective communication skill in our graduates to solve complex engineering problems and other challenging issues.

PEO5: To produce engineers who can design and develop effective products those are beneficial to society and act with honesty, wisdom, courage and compassion.

EDITORIAL BOARD



Prof. Divyesh Divakar
Chief Editor



Sumana



M Smitha



Sagar Pai

What Department Head Says



Dr. Rajalakshmi Samaga B L

The Newsletter is one of the most powerful mediums where in the faculty, students, alumni and other stake holders get connected. The efforts put by the editors in bringing out the 5th volume, issue 1 newsletter is very well appreciated.

We value each one's contribution to the progress of the department in all fronts. Our alumni are our strengths and we are grateful to those alumni who reached out to our students and enlightened them in different areas.

I congratulate all those who got placed through campus placement drive and achievers in various fields. I appreciate wholeheartedly, the cooperation extended by the students in conducting various activities of the department.

We solicit cooperation from everyone for future endeavors.

DEPARTMENT ACTIVITIES

TECHNICAL TALK

A technical talk has been organized by professional society committee of the department on "Substation Maintenance and Earthing" by Paramesha K, Deputy Director, Karnataka Electricity Regulatory Commission, Bengaluru on 28th October 2017. 3rd, 5th and 7th semester students along with faculty members were benefited by this talk.



BRANCH ENTRY FUNCTION



Electrical and Electronics Engineers Association (EEEE) & Cultural Committee organized "Branch Entry Program" on 18th August 2017. For the first time in the history of Canara Engineering College, Branch entry function was held outside the campus, in Tree Park, Mangaluru at 1.00 PM.

Dr. Rajalakshmi Samaga, HOD of E&EE was the chief guest and inaugurated the function. She shared her wide experience and gave tips to the students, on being self motivated. III semester students were formally welcomed to the department followed by cultural events and games.

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FRESHER'S DAY

EEE Association & Cultural Committee organized "Fresher's day" on 22nd September 2017 for first year E&EE students. Prof N Satheesh Kumar addressed the students about the importance of co-curricular activities and Dr. Rajalakshmi Samaga, HOD E&EE briefed the 1st year students about our department and formally welcomed them. Cultural events and games were held for the first year E&EE students.

AYUDHA POOJA



EEE Association & Cultural Committee organized "Ayudha Pooja" which is termed as Worship of implements. It is an integral part of Indian tradition

and our department too observed it on 28th September 2017. Bhajans by students and staff expressed the joyous thrill that wells up from the heart when the Glory of God is remembered.

ENGINEERING ORIENTATION PROGRAM



The department conducted orientation program for first year E&EE students. The sessions were handled by the department faculty. The program was spread for a semester and was handled as one session a week. Some of the topics discussed were basics of MATLAB, how to do a successful academic project, Recruitment and Selection Process of an Organization, Smart Grid for Intelligent Energy Use, Electromagnetic Induction, Orcad Capture etc.



TECHNICAL AND SOFT SKILL TRAINING

The department arranged for classes on engineering basics and soft skills for 7th semester students to improve their performance in campus recruitment process.

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Fundamentals on Microcontrollers were briefed by Prof. Divyesh Divakar on 31st July 2017 in the morning session. Emphasis was on internal memory structure, different addressing modes, instruction sets etc.



Fundamentals on Network Analysis were briefed by Dr. Rajalakshmi Samaga B.L and Prof. A.K Kamath on 31st July 2017 in the afternoon session



Fundamentals on Analog Electronic Circuits were briefed by Prof. Ashwini K G on 1st August 2017 in the morning session.



Tips on soft skills in view of placement recruitment were briefed by Prof. Akshatha Bhat on 1st August 2017 in the afternoon session. Email writing, Self-introduction, Body language, Group discussion and Resume building topics were covered. Common mistakes which usually happen in the HR process were also discussed. Group discussion was conducted for the students by Prof. Prathibha M, Prof. Akshatha Bhat and Prof. Anand Bhat B on current topics.

CAREER GUIDANCE PROGRAM

EEE Association organized “Career Guidance” program from 7th to 9th November 2017. Selected students from all four years presented and demonstrated their projects to Canara PU and Sharada PU College students. PU students also visited all the department laboratories.





ALUMNI INTERACTIONS

The Alumni interactions are arranged by Alumni association of the department. This is the way in which we get to interact with our Alumni to share their experiences in college and after college. We are thankful to all the alumni who visited the college to interact with the students, in spite of their busy schedule.



2016 passed out student **Mr. Umesh** addressed our Pre-final and final year students on 4th August 2017. He is working in **Incadea Software**, as Hadoop Bigdata Developer. He motivated the students on how to get a software job without references. He mentioned the importance of the courses he had opted through ABC technologies.



2017 passed out student **Mr. Raghavendra** addressed our Pre-final Year Students on 28th September 2017. He is placed in **FACE**, but he will be joining for higher studies, preferably M.S in a foreign university. He briefed the students about the insights of higher studies.



2017 passed out student **Ms. Srigowri** addressed our Pre-final Year Students on 28th September 2017. She is working in **Capgemini**, Mumbai. She shared the experience of placement interviews.



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2017 passed out student **Mr. Floyd James Sequeira** addressed our students on 4th November 2017. He is working in *San Engineering and Locomotive Co.Ltd.* He motivated the students on "**The importance of Co-curricular Activities for placements**". He also motivated the students to engage in project works beyond academic hours and generously announced that he will fund them if required.



IIPC EVENTS

Industry Institution Partnership Cell of the Department Conducted a workshop on “C Puzzles” for final year students on 7th and 8th August 2017. 50 Students participated in the workshop and it was conducted by Mr. Mahesh Padyana from CLOUDE Computers, Mysuru.



IIPC of the Department Conducted a workshop on “Embedded System using Arduino” for final year students from 9th to 11th August 2017. 40 students participated in the workshop and it was conducted by Mr. Sasikumar from Prolific System, Bengaluru.



INDUSTRIAL VISITS

The department along with Industry Institute Partnership Cell (IIPC) arranges Industrial visits for students to renowned industries on regular basis. The main objective behind these visits is to bridge the gap between the Industry and the Institute.



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On 23rd September 2017, 46 students of 7th semester visited **Cochin Port Trust, Kochi, Kerala**, along with 2 faculty members (Prof. Divyesh Divakar and Prof. Vinod Kumar B). The visit was in the forenoon session (11:00 AM to 12:30 PM).

On 5th October 2017, Prof. Mohan Rao K and Prof. Akshatha Bhat accompanied 5th Semester students to **L&T Mysore**.

On 4th November 2017, Prof. Anantha Krishna Kamath and Prof. Ashwini K.G accompanied 3rd Semester students to **UPCL, Padubidri**.

Professional society committee of the department has organized an industrial visit to **4MW solar power plant** at New Mangalore Port Trust, Mangaluru on 18th August 2017 in connection with **Akshay Urja Divas Celebration**. 3rd, 5th and 7th semesters students along with faculty members took part in the visit



PLACED STUDENTS

Following students of final year were selected in Campus recruitment process during odd semester:

Infosys[®]
POWERED BY INTELLECT
DRIVEN BY VALUES



Akshay K Bhat



Shilpa



Deepika M Suvarna



Deepthi U



Manu Balnad



Bharath R.J



Ann Mary Varghese

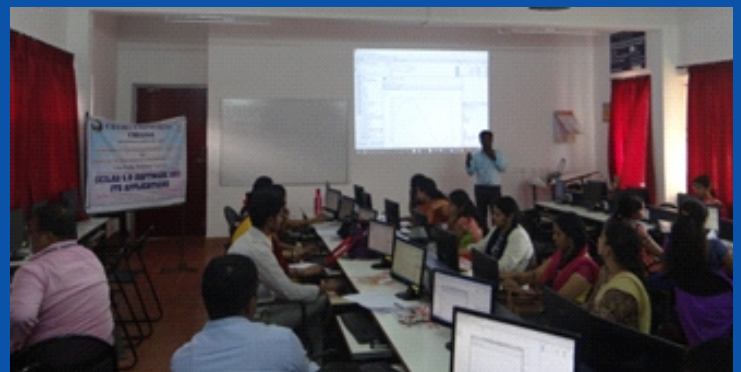
FACULTY NEWS

- Dr. Rajalakshmi Samaga B L was a guest speaker for AICTE sponsored FDP on “Advanced Control System Design for Power and Energy Applications” at MIT Manipal on 5th Dec 2017.
- **Dr. Rajalakshmi Samaga B L** has successfully completed the online course on “Control Engineering” and was **1% topper** with a consolidated score of 93% conducted by National Programme for Technology Enhancement Learning (NPTEL) during July-October 2017.
- **Prof. Anantha Krishna Kamath** has successfully completed the online course on “Control Engineering” and was **5% topper** with a consolidated score of 82% conducted by National Programme for Technology Enhancement Learning (NPTEL) during July-October 2017.
- **Prof. Ramesh E** has successfully completed the online course on “Power system Analysis” by securing 61% and was awarded with **Elite certificate** conducted by National Programme for Technology Enhancement Learning (NPTEL) during July-October 2017.
- Prof. Anand Bhat B has successfully completed the online course on “Electrical Machines-I” by securing 70% and was awarded with Elite certificate conducted by National Programme for Technology Enhancement Learning (NPTEL) during July-October 2017.
- Prof. Vinod Kumar B has successfully completed the online course on “Power System Analysis” by securing 53% conducted by National Programme for Technology Enhancement Learning (NPTEL) during July-October 2017

- Prof. Ashwini K G has successfully completed the online course on “Basic Electrical Circuits” by securing 59% conducted by National Programme for Technology Enhancement Learning (NPTEL) during July-September 2017.
- Prof. Akshatha Bhat has successfully completed the online course on “Basic Electrical Circuits” by securing 48% conducted by National Programme for Technology Enhancement Learning (NPTEL) during July-September 2017.
- **Prof. Akshatha Bhat** has performed Kuchipudi in “Alva's Nudisiri” on 1st Dec 2017, organized by Alva's Education Foundation, Moodbidre.



FACULTY DEVELOPMENT PROGRAMS



Department of E&EE and E&CE of our institution organized five days Faculty Development Program on “**SCILAB 6.0 Software and its Applications**” from 19th to 23rd January 2018. The resource persons were Dr. A. B. Raju, Professor & HOD., Department of Electrical & Electronics Engineering, KLE Technological University, Hubballi, Dr. Vijay Babu, Department of Electronics & Communication Engineering, IIIT, Dharwad and Prof. Anoop Kumar, Assistant Professor, Department of Electrical & Electronics Engineering, KLE Technological University, Hubballi. All the faculty members of the department benefited from this FDP.



- Dr. Rajalakshmi Samaga B L attended five days Faculty Development Program on “Machine Learning and its application in Engineering and Technology” organized by Department of E&C, N.M.A.M.I.T Nitte, Karkala from November 2nd to 6th January 2018.
- Prof. Anand Bhat attended two week Faculty Development Program on "Advanced Control System Design for Power and Energy Applications" organized by Department of E&E, Manipal Institute of Technology, Manipal from November 23rd to December 07th, 2017.

STUDENT NEWS

B Nitish Kumar Baliga, Sousheelya Rai and Mohith Kumble of second year, Akshay Bhat, Siddesh Kini, Shagufta Sheikh, Manu Balnad and Manasa of final year participated in Student Transition and Elevation Program (STEP) held at our institute on September 9th 2017.

ARTS AND SPORTS



Our college observed “**Founder's day**” on 19th November 2017. Cultural committee conducted various programs. Prajwith Ullal of third year, animated the life history of our founder Late Sri Ammembal Subba Rao Pai and it was played as a short movie. It is certainly a matter of pride for our department. Anusha Shet of final year welcomed the gathering with a classical dance.



Cultural Committee organized “**Onam Celebration**” on 18th September 2017 at our college. 57 Students from the department actively participated in “**Pookalam Competition**” as a part of Onam Celebration. **Ms. Sweedal and team** of third year bagged the **first prize** in the said event.

- Mr. Sujan Punichithaya of 7th Semester, participated in VTU level Mangalore zone Badminton Tournament on 1st and 2nd September 2017 held at NMAMIT, Nitte.