

CANARA ENGINEERING COLLEGE

ELECTRICAL AND ELECTRONICS
ENGINEERING DEPARTMENT



NEWSLETTER **DRISHYA**

VOLUME 6, ISSUE 2, AUGUST 2019



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 Bhat K



Prajwith C Ullal



Suvan



What Department Head Says

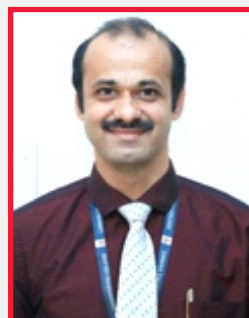
It gives me great pleasure to congratulate students, faculty and staff of Electrical and Electronics Department for the publication of this issue of newsletter. Newsletter is believed to be a focus of the inside activities i.e. academics, students and faculty achievement as well as innovation occurring in the department.

We bid farewell to 2015 batch students with heavy hearts. They are now graduates! The department will always remember the help rendered by them in conducting technical, curricular and extracurricular events. The department also bid farewell to Ms. Akshatha Bhat, Assistant Professor.

With respect to the placements, 80 companies visited our college and from our department 41 students placed with 57 offer. Good luck for your future endeavors.

I congratulate the pre-final year students for their outstanding projects exhibited in national level and state level competitions. I hope the same spirit will cultivate in all students and bring laurels to the department.

Our department looks forward to contribute in solving the technological challenges of the society with active participation from all sections of the society. I wish best of luck for all the team members for publication of newsletter.



**Best wishes,
Prof. Mohan Rao K**

ALUMNI TESTIMONIALS

I am a proud alumna of the Electrical and Electronics Engineering Department of Canara Engineering College. Launching a career as a Hardware Design Engineer at Larsen & Toubro Ltd. Metering and Protection Systems wasn't short of a dream come true and I give all the credits to the amazing faculty of EEE Dept. They not only provided the finest knowledge but also fostered me to evolve as a truly independent professional. In the very first year, I got a glimpse of a wide range of talent on campus and it definitely was quite intimidating. But after interacting with a couple of seniors in my first 'Robotics Workshop', I could sense humility and an eagerness to instil the skills that they had picked up on their way. This institution has provided me with numerous chances to participate in fests, conferences, and workshops which widened my horizon and gave a reason to thrive. To the juniors: Congratulations on choosing CEC! Based on my experience, there will be enough people to guide and encourage you along the way. Be an opportunity seeker, don't be complacent. The breadth of experience and resources (peers, faculty, clubs, and alumni) that CEC offers means that it is a perfect place for shaping your future. Four years spent in the beautiful CEC campus brought knowledge, confidence, courage, and, of course, everlasting memories to cherish. I will be forever grateful to the wonderful EEE family. I thank the Alumni team for giving me this opportunity to share my views. Thank you! Ms. Akshatha A Mallya Hardware Design Engineer, L&T Metering and Protection Systems Mysuru



**Ms. Akshatha A Mallya
Hardware Design Engineer,
L&T Metering and Protection Systems, Mysuru**



Four years of Education at Canara Engineering College was indeed a splendid journey. Teachers with enriched knowledge are one of the greatest assets of my Electrical and Electronics Engineering Department. They have never turned down when we were in need. Thanks to our beloved HOD, Smt. Rajalakshmi Samaga and faculty for sharing their knowledge with us and bringing up the name of our Department so high. Thanks to all my classmates, seniors and juniors for a memorable journey at Canara Engineering College.



M Smitha
LIDAR Engineer Trainee
Magnasoft Consulting India Pvt Ltd.
Mangaluru

The journey in CEC was one of the most memorable ones. The faculty in the department were really supportive; they helped me in all the possible ways. So, as to help us turn into a better engineers all the students were given some or the other responsibilities in order to take up the challenging tasks. After my engineering I decided to pursue higher studies.

Thanks and Regards



Manasa N P
MBA Student
NITK, Suratkal

GRADUATION DAY

More research initiatives are the order of the day and India will be a developed nation only when research gains prominence said Mr. Sreenivasa Ramanujam, Regional Head - Academic Interface Program for Karnataka, while delivering the key note address as Chief Guest during the 15th Graduation Day ceremony held on 16th June 2019 at T. V. Ramana Pai Convention Centre, Mangaluru. 41 understudies of the department turned alumni in the function.



TECHBYTES

- An average adult human brain has the ability to store the equivalent of 2.5 million GB digital memory.
- Airplanes typically fly at an altitude of around 35,000 feet.
- If Earth were the size of a desktop globe, a plane at that height would be flying at only 1/10 of an inch off the surface.
- The full track length of Indian Railways can circle the equator one-and-a-half times.

Compiled by
Prof. Divyesh Divakar



BLOOD DONATION CAMP

NSS and Youth Red Cross Unit in Association with KMC Mangalore organized blood donation camp in the campus on 29th April 2019. Dr. Poornima Rao, Director, Blood bank, KMC Mangaluru inaugurated the camp. 1 faculty member and 10 students from the department donated blood.



OUTCOME BASED EDUCATION PROGRAM

Outcome-based education (OBE) is an educational theory that bases each part of an educational system around goals. By the end of the educational experience, each student should have achieved the goal. The department in association with Slekin Technical Solution has conducted OBE classes for IV and VI semester students on weekly basis. For VI semester student's emphasis was on Industrial automation – PLC and SCADA.



DEPARTMENT ACTIVITIES

FAREWELL FUNCTION

Electrical and Electronics Engineers Association (EEEA) organized farewell function on 9th May 2019. 2nd and 3rd year students conducted games and displayed videos containing the memories of college life of final years. Final year students were given mementos by the juniors.



For IV semester students the course was spread on topics like fundamentals of electronics, embedded programs, Building an Arduino board on PCB and serial communication.





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.

2012-2013 passed out student Mr Abhay Kamath addressed third-year students on 2nd May 2019. He is working as an Electrical Engineer in Sharjah, Dubai. He informed students on how to get core job in foreign countries. He also stressed on the importance of Electrical Subjects.



Final year students visited HLL Life care limited which is a Government of India enterprise located at Trivandrum, Kerala. Prof. Vinod Kumar B and Prof. Tara B.B accompanied the students on 12th April 2019.



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.

The 2nd and 3rd year students visited Kirloskar Electric Company Ltd., Hubli on 29th March 2019. Two faculty and 47 students visited the industry to have a glance and obtain knowledge on how the manufacturing and production process of electrical machines are carried out.



PLACED STUDENTS

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



Poojashree



Hardhik Hansraj



Pawan S



Poojashree



Smruthi K.G



Pavan V Shetty



Roydan Fernandes



A Nikhil Vignesh



Pawan S



Anuj Adyanthaya K



Rakesh



Ritesh Pavan D'Souza



Dhanyashree R.S



Sweedal S Dsouza



Shradha J Shetty



Rajalaxmi



Bhavithraj



Akshatha D Naik



Poojashree



AVK DESIGNS



Anusha A Naik



Vishal P

PROFESSIONAL SOCIETY EVENTS

TECHNICAL TALK

A Technical talk on Internet of things was conducted on 4th April 2019.

Mr. Himanshu Kumar, Director, INDWELL Automation Ltd. Mangalore was the resource person. 69 students from third and fourth year were benefited from the talk. Hands on sessions were also conducted.



MINI PROJECT EXHIBITION

Mini project exhibition for the third year students was conducted on 26th April 2019. Prof. Divyesh Divakar and Prof. Vinod Kumar B, Department of E&EE were the judges. Winners were shortlisted to take part in IEEE project exhibition competition held at Mysuru.





FACULTY NEWS

- **Prof. Divyesh Divakar** has successfully completed 8 week online course on “Introduction to Airplane Performance” and was awarded with **Elite certificate** conducted by National Programme for Technology Enhancement Learning (NPTEL) during January-March 2019.
- **Prof. Vinod Kumar B** has undergone basic training in fire prevention and fire fighting from 23rd April to 25th April 2019 at office of chief fire officer, Pandeshwar fire station Premises, Mangaluru.
- **Prof. Vinod Kumar B** and **Prof. Anand Bhat B** attended BOS meeting to discuss on 2018 Scheme and syllabus at BNMIT, Bengaluru on 29th and 30th April 2019.

STUDENT NEWS

Five batches of Pre final year students participated in IEEE project expo-2019 National Level Project Exhibition held at GSSS, Mysuru on 29th April 2019 and was awarded as “Maximum number of participation” in the event.



- **Preemal Deona Dias, Pavan Shetty, S Aditha Krishna Bhat and Dhanya N Shetty** got **Best Project award** in **IEEE project expo-2019** held at GSSS, Mysuru on 29th April 2019.
- **Prajwith Ullal and Vishal P** got **2nd place** in E-Belaku19, **National Level** technical symposium held at AIT, Chikkamagaluru on 3rd May 2019.
- **Mr. Vishal P** successfully completed **NPTEL online course** on 'Recent Advances in Transmission Insulators' with **elite certification**.

- **Mr. Prajwith Ullal** successfully completed **NPTEL online course** on 'Physical modeling for electronics enclosures using rapid prototyping' with **elite certification**.
- **Mr. Prajwith Ullal** successfully completed **NPTEL online course** on 'Recent advances in transmission insulators using rapid prototyping' with **elite certification**.
- **B Nithish Kumar Baliga** presented a paper in National Level on "Controlling a Bot with IR Remote" held at NIE, Mysore.
- **Chaitra parvathi H and Meghana P Shetty** presented a technical paper in State level held at MITE, Moodabidri on 28th March 2019.
- **Nithish Y Bhandary, Kavya S and Sumana Bhat K** participated in Innovation Pavilion Melting Pot 2020 innovation summit (National Level Young Innovate Festival) on 17th January 2019.



- Eight final year students participated in **Pragyan 1.0** Innovation challenge held at GITAM, Bengaluru on 4th May 2019.



ATTENDED EVENTS

4th Semester students of the department attended 10 days technical training conducted by QSpider Bengaluru. 27 students benefited from the training.



6th Semester students of the department attended 10 days technical training conducted by QSpider Bengaluru. 46 students benefited from the training.



CULTURAL EVENTS

Aakriti-19 was organized on 1st and 2nd March 2019. Various arts and cultural, technical & gaming events had been conducted during this fest. The participants from various neighboring colleges and Parent College has participated and exhibited their talents.



Students from the department too actively participated in many group and solo events.

Ms. Ashritha, final year, won first prize in Henna craft competition.





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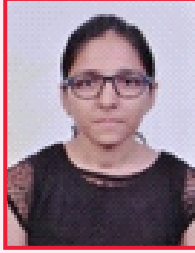




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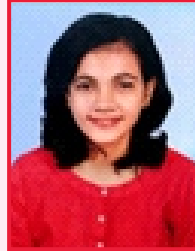
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