dhwani

NEWS LETTER FROM CANARA ENGINEERING COLLEGE

Student

Achievements

DEPARTMENT
ACTIVITY
Staff Achievements

EDITORIAL

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Professor & HOD
Department of E&C

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STUDENT MEMBERS

Ms. Shubha Sudesh Shetty
Ms. Sindhu Shenoy M
Ms. Aishwarya H S
Ms. Kavya

VISION

To be a center of repute by imparting quality education to produce globally competent graduates with human values

MISSION

Create conducive environment for overall development of students

Equip the students with technical skills to bridge the gap between academia and industry

DEPARTMENT PROFILE

Electronics and Communication (EC) engineering broadly deals with systems related to acquiring, communicating, manipulating and analyzing information. To put it in simple words EC covers wide area of applications from small sensor to huge satellites, simple calculators to super computers, microwave ovens to missiles, mobile phones to medical electronics, automation in industries to electronics in automobiles etc. EC has achieved fastest technology growth ever among all domains of engineering and has registered its spread in almost all areas of application.Presence of EC has become ubiquitous and has undoubtedly become one of the basic branches in Engineering. Because of the nature of curriculum that EC Engineers study, they have plenty of career opportunities not only in the core area of Electronics and Communication but also in allied areas like Instrumentation, Computer Engineering, Aeronautical Engineering., Mechatronics, Bio-medical etc.

The Faculty members are Highly Experienced and dedicated in mouldings the students to cope with competitive career, higher studies and research activities Faculty members have published many international journal papers, attended many workshops and FDP. The department has a close interaction with the alumni and is continuously using their inputs for betterment of the curriculum and research facilities to meet the industrial needs. Keeping an eye on the need of the industry and the society, department of Electronics and communication Engineering has been conducting numerous core technical workshops for both students and faculty members to meet the vision and mission of the department and eventually of the college. The department is committed to work toward quality education through innovative teaching and learning processes, state-of-the-art facilities and conducive academic ambiance.

PROGRAMME EDUCATIONAL OBJECTIVES (PEO)

- Succeed in their professional career

- Apply the knowledge of Electronics and Communication to address technological problems of industry and society

- Demonstrate leadership qualities and exhibit professional standards

PROGRAMME OUTCOMES (PO)

Engineering graduates in Electronics and Communication Engineering will be able to :

Engineering knowledge : Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems

Design/development of solutions : Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations

Modern tool usage : Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations

The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice

Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practic

Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions

Life-long learning: Recognize the need for and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change

Problem analysis: Identify, formulate, review research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences and engineering sciences

Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions

The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice

Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of and need for sustainable development

Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings

Project management and finance: Demonstrate knowledge and understanding of the engineering and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments

PROGRAMME SPECIFIC OUTCOMES (PSO)

- Ability to specify, design, build and test analog, digital, embedded systems and to apply programming skills in the relevant fields

- Ability to understand and apply modern wired and wireless analog and digital communication systems for existing problems

HOD Message

Dr. Raghavendra M.Shetty.K
Associate Professor & HoD

The Department of Electronics & Communication Engineering at Canara Engineering College, established in 2001, strives for leadership in the field. Twice accredited by the National Board of Accreditation (2015 & 2019), the department focuses on innovative teaching and fosters a multidisciplinary learning environment. Students are encouraged to engage in research, attend workshops, and participate in extracurricular activities for holistic development.

A team of highly qualified faculty, coupled with state-of-the-art labs, ensures quality education. Industry collaborations and alumni support further enhance student learning and career prospects. The department actively publishes a newsletter ("Dhwani") and provides online access to lectures through the college YouTube channel.

STAFF ACHIEVEMENTS

NPTL   Online Courses

Mrs. Jayashree K Assistant Professor in Electronics and Communication Engineering Department has completed an 8-week NPTEL course on Research methodology with Elite certification and is placed in the top 2%.

Mrs. Jayashree K Assistant Professor in Electronics and Communication Engineering Department has completed 12 weeks NPTEL course on Digital Circuits with Elite certification.

Mrs. Akshatha G Baliga Assistant Professor in Electronics and Communication Engineering Department has completed 8 weeks NPTEL-FDP program on Research Methodology during Jul-Sep 2024.

STUDENT ACHIEVEMENTS

Abhiram A N of III semester won the First Place and Gold Medal in both the Kata and Kumite Events in National Level Open Karate Championship held at Bhatkal on 20/10/2024

Madan H M of III semester secured the 4th position in the VTU Rest of Bangalore Division Men's Ball Badminton Tournament held at JNNCE, Shimoga on 26/10/2024 and got qualified for the State Level Tournament at SJCIT, Chikkaballapura

Sanjana U J of III semester secured the 2nd runner-up position in the VTU Mangaluru Division Inter-Collegiate Volleyball Tournament for Women held at AJIET, Mangalore on 30/10/2024

Academic Toppers

CANARA ENGINEERING COLLEGE
SUDHINDRA NAGARA, BENJANAPADAVU, BANTWAL TQ, D. K. - 574219

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Congratulations

FOURTH SEM TOPPERS

1ST

KAPIL GAJANAN PRABHU
4CB22EC014
SGPA: 9.25

2ND

PRATHEEKSHA
4CB22EC031
SGPA: 9.1

3RD

RENITA RONALD MACHADO
4CB22EC037
SGPA: 9.05

3RD

NEHA SAHANA
4CB22EC024
SGPA: 9.0

Opportunities dont happen you create them

canaraengineering.in

Department Activity

Ayudha Pooja - The Electronics and Communication Engineering Department celebrated the auspicious occasion of Aayudha Pooja, a part of the Navaratri festival on October 26th, 2024. A series of activities were organized including Bhajan Offering by Students. Traditional mantras and prayers were recited to seek blessings and show gratitude for the tools and instruments. After the rituals, prasad was distributed to all staff and students.

Branch Entry - Branch Entry Event, "Electro Fiesta 2024", for the newly inducted second-year ECE students was organized by the third and fourth-year students on 23rd October, 2024. The event began with a ribbon-cutting ceremony by the Head of the Department, Dr. Raghavendra Shetty, symbolizing the official start of the festivities. Event Highlights: 1. Dance Performance by Third-Year Students 2. Saree Draping Challenge 3. Pyramid Game 4. Dance Performance by Second-Year Students 5. Balloon Blasting Game 6. Talent Show by Second-Year Students 7. Pick and Act Game 8. Grab the Cup Game 9. Mr. and Ms. EC Contest 10. DJ Session and Refreshments

Industrial Visit

Industrial Visit –: The Department of Electronics and Communication Engineering in association with IIC and IEEE organized a full-day Industrial Visit on December 2nd, 2024, specifically for second-year EC students. The itinerary for the day included: Visit to the MUTBI center at MAHE: This likely involved student participating in or observing the Diverse Startup Ecosystem and State-of-the-Art Infrastructure, Visit to the Centre of Excellence for Cyber Security at MIT. Event was coordinated by Ms, Savitha Acharya, Department of ECE.

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Manipal, Karnataka, India
9q2v+gw4, Eshwar Nagar, Manipal, Karnataka 576104, India
Lat 13.351252° Long 74.794767°
02/12/24 12:42 PM GMT +05:30

Technical Events

1.Softskills and aptitude training for 3rd semester students from 22/8/2024 to 24/8/24 by Ethnus.

1.Training - Blush up C and DS post assessment for 7th semester from 9/9/24 to 21/9/24 by Test yantra software solution.

Hands on Training programming in JAVA for 6th semester from 5th July to 7th July 20,204 by Qspiders

1.4days Aptitude Training Crash Course for 7th semester from 25/11/24 to 28/11/24 by 10SECONDS, Bengaluru.

Technical Training Core Programming Concepts for 7th semester from 22/11/24 to 24/11/24 by Mr. Vishal C Vanaki

Line Following Robot

The Department of Electronics and Communications Engineering conducted a course on designing Line Following Robot in which the student was engaged in learning, the design, construction, and programming of a line-following robot. The course outlines learning, robotic sensors, actuators, and controller, how a line-following robot works, especially sensor integration and motor control assemble, finally integrating a line-following robot and Test and optimizing their robot's performance on different track conditions.