VISION

To create professionally competent and ethically behavioural Electronics and Communication Engineers capable of working across the globe.

MISSION

- To impart quality education relevant to electronics and Communication Engineering.
- To ensure the learning of latest technologies for career advancements in the relevant field.
- To instigate professional ethics, leadership qualities and societal service.

PEO'S

- To provide students with fundamentals and in-depth knowledge in electronics and communication engineering including theoretical knowledge, practical skills and problem-solving abilities.
- To train students in multidisciplinary areas to analyse, design and innovate solutions to real world problems leading to socio economic development.
- To inculcate individual, team work and leadership qualities by upholding professional and ethical values.

PSO'S

- Graduates will have strong foundation in communication, embedded systems, VLSI and electronic circuits.
- Graduates will be able to apply the knowledge of electronics and communication engineering to identify, formulate and solve engineering and societal problems with the aid of modern tools and techniques.
- Graduates will be able to work effectively in challenging environments by upholding ethical values in their profession leading them to become potential entrepreneurs.

FDP ATTENDED BY FACULTY

- Dr. Aravind B N , Mr. Ravi L S and M.r Rohith P have attended Five Days Faculty Development Program on "Next Generation Wireless Networks for Autonomous Intelligent Communication" Organized by Department of Electronics and Communication Engineering Sri Venkateshwara College of Engineering, Bengaluru from 26th December to 30th December 2022.
- Mr. Ravi L S, Mrs. Manasa A, Mrs Lokeswari H S, Mr. Viswanath B R and Mr. Rohith P have attended Microsoft India & SAP India led Faculty Development Program on "Artificial Intelligence" under TechSaksham Program from "19th Dec. 2022 – 23rd Dec. 2022.
- Mrs Lokeswari H S has attended "Advances in wireless & antenna technology", Conducted by Department of Electronics and Communication Engineering, Dr. M S Sheshagiri college of engineering and technology, KLE university, Belagavi from 7th November to 12th November 2022.

Rajeev Institute Of Technology, Hassan

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

ELECTRONICA

Volume - 3 Issue - 2 July - Dec 2022



HOD's MESSAGE :



I am happy to announce that the Department of Electronics and Communication Engineering is releasing the Newsletter "ELECTRONICA" for the Second half of the Year 2022. It details about the various activities and achievements of our faculty members and students. I wish that, this will help in generating innovative and research ideas among faculties and students.

The department provides a good learning environment with a team of qualified faculty members to inspire the students to develop their technical skills and inculcate the spirit of team work. My best wishes to the editorial board and team for their excellent work of bringing six months of achievements at one place. I congratulate all the faculty members and students for their achievements.

Dr. Aravind B N

EDITORIAL TEAM :

CHIEF EDITOR: Dr. Aravind B N
ISSUE EDITOR: Mrs. Ambika K
STUDENT EDITORS: Ms. Harshitha M P & Mr. Varun M S

DEPARTMENT ACTIVITY

Technical Talk on " Robo Yatra"





Department of E&CE, in association with IETE, has conducted a Technical Talk on "Robo Yatra" for students of ECE on 2nd December 2022. The resource person was Mr. Harshavardana Kikkeri , CEO, Holo World Technologies, Mysore

"Technical Talk on "Interview Hack"







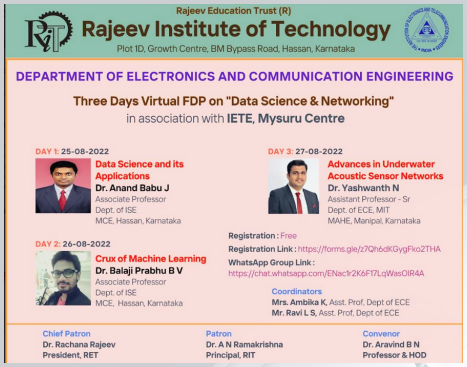
Department of E&CE, in association with IETE, has conducted a Technical Talk on "Interview Hack" for students of ECE on 23rd July 2022. The resource person was Mr. Harshih D, Unisys, Bangalore.

"Invited talk on "Professional Ethics & its Importance"



Department of E&CE, in association with IETE, has conducted a Invited Talk on "Professional Ethics & its Importance" for 4th and 6th Semester students of ECE on 7th December 2022.
The resource person was Dr. Ramesha M, Assistant Professor, GITAM University, Bangalore.

Faculty Development Program



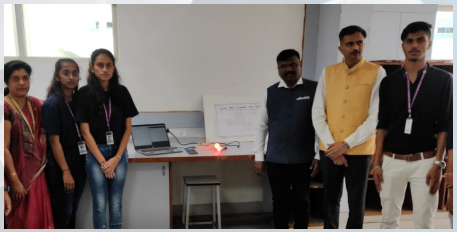
3 days online faculty development program in association with IETE Mysuru on " Data Science and Networking" from 25th August 2022 to 27th August 2022.
The Resource persons:

- **Anand Babu J Associate Professor, Department IS & E Malanad College Of Engineering Hassan.**
- **Dr Balaji Prabhu B V Associate Professor Department IS & E Malanad College Of Engineering Hassan.**
- **Dr Yashwanth N Assistant Professor(Sr) Department of ECE MIT MAHE, Manipal.**

Faculty Publication

- **Mrs. Yogeshwary B. H, Aravind B N and Yashwanth N presented . "Performance of SALP Swarm Localization Algorithm in Underwater Wireless Sensor Networks" in Photonics 9, no. 12: 984. https://doi.org/10.3390/photonics9120984**

Student achievements





- **Swagath B J, Nisarga N R, Aishwarya T M, Hamsa D and Nesera H S, Harsha, Akash Lankesh C A, students of 5th sem, have participated in Project Presentation AIKYA-2022 held on December 12th, 2022 at East Point College of Engineering and Technology, Bengaluru, Karnataka**
- **Ms.Rashmi B P has participated in Internship on Python Full Stack development and miniproject on "BAR PLOT IN MATPLOTLIB", held on 21st August 2022to 19th sep 2022 ,at Drops solutions Bengaluru 560095, Karnataka.**
- **Asim Mohammed Delvi, 7th Semester student, won Ist prize in the Hackathon challenge held at Malnad College of Engineering, Hassan on 9th - 12th December 2022.**
- **Hamsa D and Aishwarya, students of 5th Semester have won 2nd place in the competition talk on technical entrepreneurship held at East Point College of Engineering and Technology, Bengaluru, Karnataka on December 12th, 2022**