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.

BOOK CHAPTER PUBLISHED

- **Dr. Aravind B N has published book chapter "Image Denoising: Important Methods in Spatial Domain and Transform Domain" in a book titled "Human Machines Interface Technology Advancement and Management".**

FDP ATTENDED BY FACULTY

- **Shubas S R has attended One Week FDP on "Digital logic & Embedded System Design using Intel FPGAs", at Dayananda Sagar College of Engineering, Bengaluru from 6th to 11th November 2023**
- **Ravi L S, Manasa A and Lokeshwari H S have attended 5 days FDP on "Emerging Trends in Signal Processing, Image Processing and Artificial Intelligence", SJMIT, Chitradurga from 12th to 16th September 2023**
- **Supriya Ananth K A has attended 5 days FDP on "Design of Analog and Digital IC using Cadence tool", at PESIT&M, Shimogga from 17th to 22nd August 2023**

PLACEMENTS

VXTE Powering Future Mobili · DevTools · ACCORD · GLOBTOUCH TECHNOLOGIES · TAP ACADEMY · FIDELITY NATIONAL FINANCIAL · QSpiders · X-Workz

RAJEEV INSTITUTE OF TECHNOLOGY, HASSAN

Department of Electronics & Communication Engineering



NEWSLETTER

ELECTRONICA

Volume 4 Issue 2
July - December 2023

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 2023. 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:
MR. MANJUNATH B H
MR. CHARAN H R

STUDENT ACHIEVEMENTS

- Ms. Kruthika H M has received D Ramanjanamma Memorial Award for securing highest CGPA of 8.93 of 2019-23 batch
- Mr. Swagath B J ,6th semester has participated in mini project competition held on July 2023 at Dayananda Sagar Academy of Technology & management - Bengaluru -560082
- Mr. Swagath B J ,6th semester has participated in YESIST'12 2023 at KLE Institute of Technology, Hubballi.
- Mr. Swagath B J , 6th semester has participated in Industry oriented internship on 16th Aug 2023 to 16th Sep 2023 at Printalytix Pvt.Ltd.
- Ms. Hamsa D , 6th semester has participated in Young IoT Prodigy on 8th Sep 2023 at Infosys.
- Ms. Spoorthi D N , Ms. Tejaswini A , Ms. Harshitha C R , Ms. Anusha B U 8th semester has participated in 46th series state level Seminar and Exhibition of student project programme on 11th and 12th August 2023.at Alvas Institute of Engineering and Technology, Moodbidri.
- Mr. Swagath B J , Ms. Rashmitha S , Ms.Poorvika H R , Ms.Aishwarya T M , 7th semester has participated in TECHCONNECT- 2K23Project Exhibition on 19th December 2023 at E&C DepartmentRIT, Hassan.
- Ms. Shruthi G Kamblimath , Ms. Soujanya M , Ist semester have participated in TECHCONNECT- 2K23 Poster Presentation on 19th December 2023 at E&C DepartmentRIT, Hassan.

FACULTY PAPER PRESENTATION

- Ravi L.S, "Digital system design of ALU using Reversible logic gates" International Conference on Recent Advances in Science and Engineering Technology (ICRASET-2023) ISSN 979-8-3503-0692-7, IO.1109/ICRASET59632.2023.10420008 Scopus Indexing-2023
- Ravi L.S, "Study on VGG16 Transfer learning Model for Goat/Sheep Image Classification" International Conference on Recent Advances in Science and Engineering Technology (ICRASET-2023) ISSN 979-8-3503-0692-7, IO.1109/ICRASET59632.2023.10420202, Scopus Indexing-2023
- Vishwanath B R, "Three-Phase Cascade H-bridge Inverters: A Comparative Study of GOA and FGOA for Selective Harmonic Elimination" International Conference on Recent Advances in Science and Engineering Technology (ICRASET-2023) ISSN 979-8-3503-0692-7, IO.1109/ICRASET59632.2023.10419989, Scopus Indexing-2023
- Ravi L.S, "Gray Level Image Contrast Enhancement Using Hybrid BAT and Moth Flame Optimization" International Conference on Recent Advances in Science and Engineering Technology (ICRASET-2023) ISSN 979-8-3503-0692-7, IO.1109/ICRASET59632.2023.10420099, Scopus Indexing-2023
- Vishwanath B R, "Classification of Fall Detection Based on Daily Living Activities using Machine Learning Approach" International Conference on Recent Advances in Science and Engineering Technology (ICRASET-2023) ISSN 979-8-3503-0692-7, IO.1109/ICRASET59632.2023.10420219, Scopus Indexing-2023

DEPARTMENT ACTIVITIES

Industrial Visit to "Master Control Facility"

The Department of Electronics and Communication in association with IETE, IIC has organized a one day Industrial Visit for 5th semester students on 27th December 2023 to Master Control Facility, Hassan.









Technical Fest – Tech Connect-2k23

The Department of Electronics and Communication in association with IETE, IIC has organized a Technical event named "TECH CONNECT-2K23". to showcase the talents of students with their innovative ideas

Invited talk on "Beyond Degree: A way to Civil Services"

Department of E&CE, in association with IETE, IIC, ED and T&P Cell has conducted invited Talk on "Beyond Degree: A way to Civil Services" for 5th and 7th Semester students on 8th December 2023. The Resource Person was Mr. Anil Kumar Bulla, MD, Credence IAS, Bangalore









Invited talk on "A Roadmap to Entrepreneurship"

Department of E&CE, in association with IETE, IIC, ED and T&P Cell has conducted Invited Talk on "A Roadmap to Entrepreneurship" for 7th Semester students on 8th December 2023.

The Resource Person was Mr. Harshith D, Unisys India Pvt. Ltd. Bangalore

Invited talk on "Journey Towards Entrepreneurship"

Department of E&CE, in association with IETE, IIC, ED and T&P Cell has conducted Invited Talk on "Journey Towards Entrepreneurship" for 7th Semester students and "Embedded System and its Applications" for 3rd Semester Students on 25th November 2023. The Resource Person was Mr. Harish, Project Manager, Mindset IT Solutions, Bangalore.



