

SIDDHARTHA INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, Affiliated to JNTUH & Courses (CSE,ECE,EEE)Accredited by NBA)

Vinobha Nagar, Ibrahimpatnam, Ranga Reddy Dist - 501 506,Telangana,INDIA

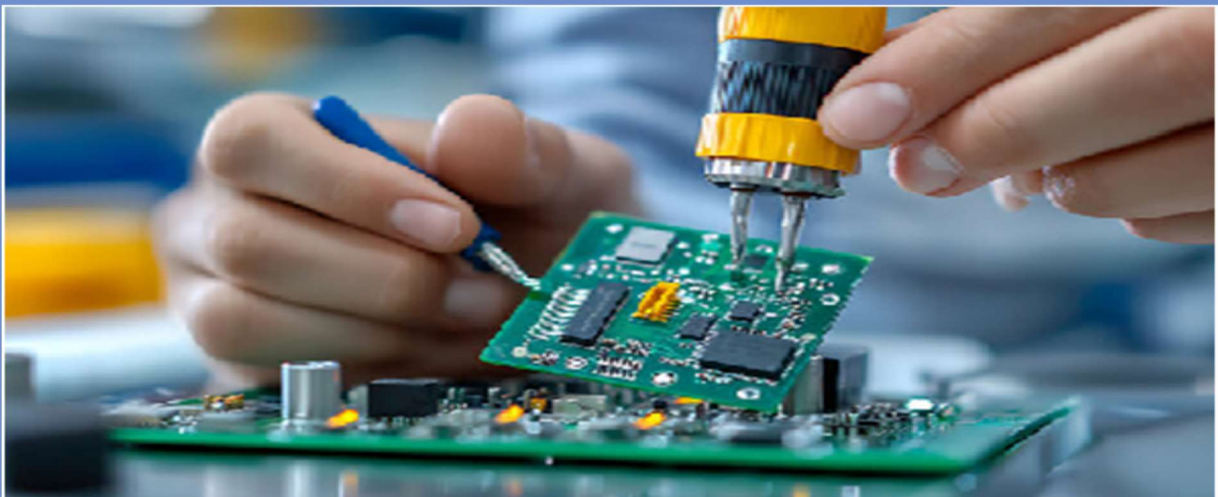
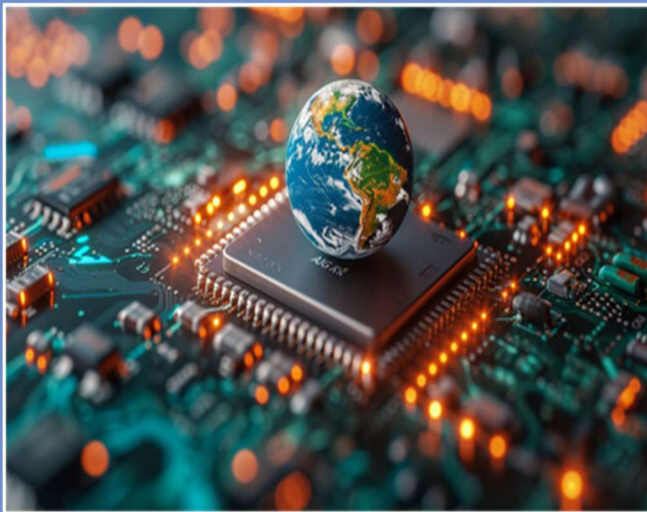
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NEWS LETTER

Department of Electronics & Communication Engineering

JULY 2023



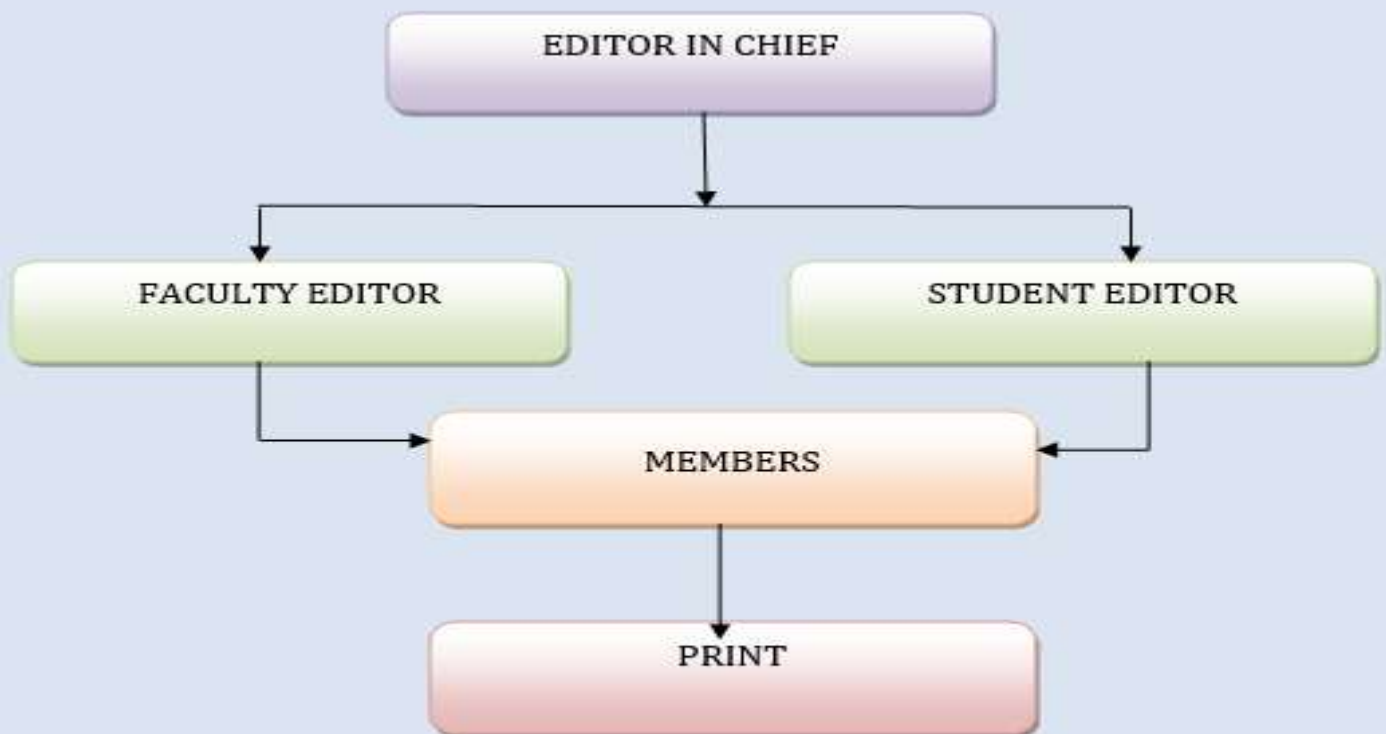
Department of Electronics & Communication Engineering

Publication of Newsletter

- Departmental all the events and activities are published in the newsletter “PERIPHERAL”

EDITORIAL BOARD FACULTY & STUDENT

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Process of News Letter

ABOUT THE DEPARTMENT:

The department of ECE was established in the year 2008 at the time of inception of the institute. The department offers one under graduate B.Tech course and two post graduate programmes M.Tech with specialization in VLSI design and embedded system and VLSI systems design respectively. The ECE department is one of the significant departments of SIEI in terms of student strength and number of academic programmes. Highly dedicated and dynamic faculty is the strength of the department. The faculty aims to work towards establishing an excellent teaching and learning environment with to be in pace with emerging trends and technologies.

The department has good infrastructure with advanced laboratories. These are access to high end MATLAB, XILINX, MENTO GRAPHICS, KIEL.ELECTROMAGNETIC SIMULATORS.

HOD MESSAGE

I congratulate all the students, who opted for Electronics and Communication engineering branch. It was established in the year 2008 during the inception of the Institute. The department has two sections of U.G (ECE) program and one P.G (VLSI & Embedded Systems) program. It has highly qualified, experienced and enthusiastic faculty whose expertise in academics and research is the backbone of our success. Faculty contributes in novel projects, patents, and publications.

Electronics and Communication Engineering aims at creating new artifacts, algorithms, processes and systems that provide services to human by playing a crucial role in modern technology and shaping the future of communication, electronics, and related industries. The department has well-equipped state-of-art laboratories of Electronic Devices & Circuits, Pulse, Digital & IC circuits, Basic Simulation, Communications, Digital Signal Processing, Microwave & Optical Communications and Microprocessors. Advanced research laboratories include VLSI Center of Excellence, Embedded Systems and Advanced Communications labs. Software available includes latest versions of MATLAB with several tool boxes, Mentor graphics, Xilinx and Co-design tools, to name a few. It has infrastructural facilities required for imparting high quality education and the department is fully structured to meet the contemporary needs of the industry. Apart from the regular labs.

The department also established specialized lab on printed circuit Board Design to make the students excel, in core field with a legacy of excellence and a vision for an impactful future, we are committed to nurture the next generation of innovators and leaders. Join us in this exciting journey and become a part of a thriving community that inspires, innovates, and excels. Together, let us redefine possibilities and shape the future technologies.

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VISION OF THE DEPARTMENT:

DV	To provide valuable resources for industry and society through excellence in technical education and research.
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MISSION OF THE DEPARTMENT:

DM1	To educate the students with the state of art technologies to meet growing challenges of the industry.
DM2	To carry out research through constant interaction with research organization and industry.
DM3	To equip the students with strong foundations to enable them for continuing education.

BEST PRACTICES IN DEPT OF ECE

-  Academic Excellence through Experienced Faculty Members.
-  Guest Lecture on Electronic Devices and Circuits
-  Guest Lecture on Network Analysis and Transmission Lines
-  Guest Lecture on Very Large Scale Integration
-  Workshop on Industrial Embedded systems & IOT Career Guidance
-  Yoga Day-2023
-  Industrial Visit
-  NPTEL Courses
-  Alumni MEET,2023
-  Women's Day Celebration, 2023



Guest Lecture on "Network Analysis and Transmission Lines" by Mr. Sabavath Bala Naik By Department of ECE Date: 22nd Feb 2023.



Guest Lecture on "Electronic Devices and Circuits" by Prof. Ashwala Mohan By Department of ECE Date: 07th Feb 2023



Name of the Event: Guest Lecture on "Very Large Scale Integration (VLSI)" by Dr. B. Mythily Devi By Department of ECE Date: 22.06.2023



Workshop on "Industrial Embedded Systems & IOT Career Guidance" by Mr.

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B.Kishore Kumar, Kernel Master Rayan Pvt.Ltd , Hyderabad By Department of ECE Date: 01/03/2023



Yoga Day (2023) By Department of ECE Date: 21st June 2023



Industrial visit to NRSC Hyderabad by Department of ECE



Industrial visit to NRSC Hyderabad by Department of ECE



Seminar/Workshop, ECE 2023



Alumni MEET,2023



Women's Day Celebration, 2023