IGNITE

CATCH THE TECHNOLOGY

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Message from Dr. M.Srinivasulu, Prof.& Head, ECE Dept

The ECE Dept newsletter is a platform for sharing educational information, activities and events related to the ECE Department. I hope that the news letter will provide useful and relevant information. It is the intent of the department to make it a Quarterly publication to keep in touch with the departmental activities and achievements. This is a platform to share information and you can participate by sharing your thoughts on the Departmental activities or by contributing information on the events that you have organized.

Department Vision:

To become centre of excellence in Electronics and Communication Engineering to meet the challenges of industry and the society

Department Mission:

DM_1: Impart high quality education to enable students to face challenges Of Electronics and Communication Engineering.

DM_2: Provide all possible support to promote activities in the related areas of VLSI, Communications, Signal Processing, and Micro Processors & Micro Controllers.

DM_3: Inculcate ethical, professional values and life-long learning skills to address the societal needs

- ❖ Our department is accredited by **NBA** and Institution by **NAAC** with **A** grade.

- ❖ For developing right attitude to the student, we have been conducting Life Skills Programme for our students.

- ❖ Around 90% of eligible students got placement in different MNCs.

- ❖ MOUs with Smart Bridge Educational Services, Hyderabad, Purple Technology, Vijayawada and Appleton Innovations, Visakhapatnam.

Eduskills:

Eduskills provided training for our faculty members in different programs.

1. RPA (Robotic Process Automation)
2. CCNA (Networking)
3. Microchip

- ❖ Around 400 students (ECE & CSE) were trained by our faculty members in RPA technology during September and October, 2020.

- ❖ Our college is in fourth position in National Level in Learnthon Programme conducted from 10th to 23rd August, 2020.

- ❖ 70 students were trained on CCNA-I and 30 students were trained on CCNA-II during August 2020.

e-Yantra Lab: (Engineering a better tomorrow)

❖ e-Yantra lab was established in this department in association with IIT Mumbai and sponsored by Ministry of Education, Govt. of India on 09 - 04 – 2018.

❖ The goal of e-Yantra is to complement higher education systems to solve local problems across a variety of domains such as Agriculture, Disaster, Manufacturing, Defence, Smart cities, Homes and Service industries through technology.

❖ Grade B certificates were awarded to our faculty during the training period of e-Yantra Lab Setup Initiative.

❖ In e-YIC competition one Team (K.Arun, Tarun, Subramanyam, Vatsav) participated in the Regional final in e Yantra innovative competition. Project was on "HOME Automation &security system uses IoT" at Marathwada Mithra Mandal"s College of Engineering, pune on 28th and 29th February 2019. This team bagged two Drone Kits worth Rs 30,000/- and a cash award of Rs 5000/- while competing teams from IITs and NITs

e-Yantra Lab Inauguration   **e-YIC competition**

❖ Mr. K. Arun showed an outstanding performance in Regional final. Prof. Kavi Arya, CEO of e-Yantra offered Internship at IIT Bombay.

❖ 44 Students have been participating in e YIC -2021National Level competition. Presently they are in 4th position and some more rounds of competition is pending.

Intech Olympiad:

❖ Intech Olympiad is a National Level technical competition conducted by College of Engineering PUNE, Pune in Association with Virtual Labs.

❖ One team got selected for Second Prize in National Finals on 14th &15nth Feb., 2020 in college of Engineering PUNE, Pune on the topic "DESIGN COST EFFECTIVE BUSINESS SOLUTION FOR TRACKING OF CONTAINERS AND BAGGAGE ON AIR PORTS FOR THE DETECTION OF ILLEGAL AND BANNED MATERIAL". They received Rs.30,000/- cash prize. A Silver medal for each candidate.

Students Participations:

Paper Presentations:

❖ Two Students from 1st year B.Tech got second prize in Space Week National Level Competition Conducted by LBRC on 10-10-2019.

❖ Two Students got second prize in Model Marathon Competition conducted by SRKR College on 14-02-2020.

❖ Six students Participated in AICTE project Model Competition in August 2018.

❖ Thirty students participated in Smart India hackthon in 2019 and many more participations

❖ 21 Students published their projects in Various International Journals.

Industrial Visits:

❖ Industrial visits like SHAR, Nellore District, Efftronics, Vijayawada, Radio station, Vijayawada, RADAR station, Machilipatnam etc. for our students to improve practical knowledge.

SHAR

Efftronics

RADAR Station

Guest Lecture:

❖ Guest Lecture on Indian Space Programme by Y. Siva Prasad Garu, Rtd. Scientist in ISRO