



SRI INDU



INSTITUTE OF ENGINEERING AND TECHNOLOGY

UGC Autonomous Institution, Accredited by NAAC with A+ Grade
Recognized under 2(f) of UGC Act 1956.
(Approved by AICTE, New Delhi and Affiliated to JNTUH, Hyderabad)

News Letter

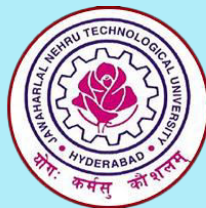
For the department of
ECE

Bi-Annual News Bulletin

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EDITORIAL COMMITTEE		
Chief Editor	Dr.D.Lakashmaiah	HOD
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Technical Support	A.Sindhuja	Assistant Professor

STUDENT EDITORS		
Roll No	Name	Year
21X31A0444	M.Akshith	II
20X31A0452	K.Rishitha Reddy	III
21X31A0418	Bharath	II

“Teaching is the greatest act of Optimism”- **Collen Wilcox**

MESSAGE FROM HONOURABLE CHAIRMAN



Welcome to the SIET Newsletter *ELECTRONICS WORLD*. This edition elucidates the activities and accomplishments of the college from July to December, 2020. This period has proved to be enlightening and encouraging with successful administration. It is a matter of honour that *SIET* is bringing out its third newsletter, *ELECTRONIS WORLD*. The idea of updating the faculty and students with the achievements of the college is creditable. It is heartening to see that *SIET* has strived its best to reach the greater altitude. This introduction of the newsletter will give an opportunity to the faculty and the students to craft and showcase their knowledge and skills. I am hopeful that all the achievements of the students and faculty will inspire other students to excel in their lives, with a sense and vision of determination.

The college has been strengthening its infrastructure and resources to meet the global demands. The Chairman's vision has made the college one of the most sought.

The infrastructural resources too have taken a great leap to meet the global demands in the arena of technology in every stream of B. Tech.

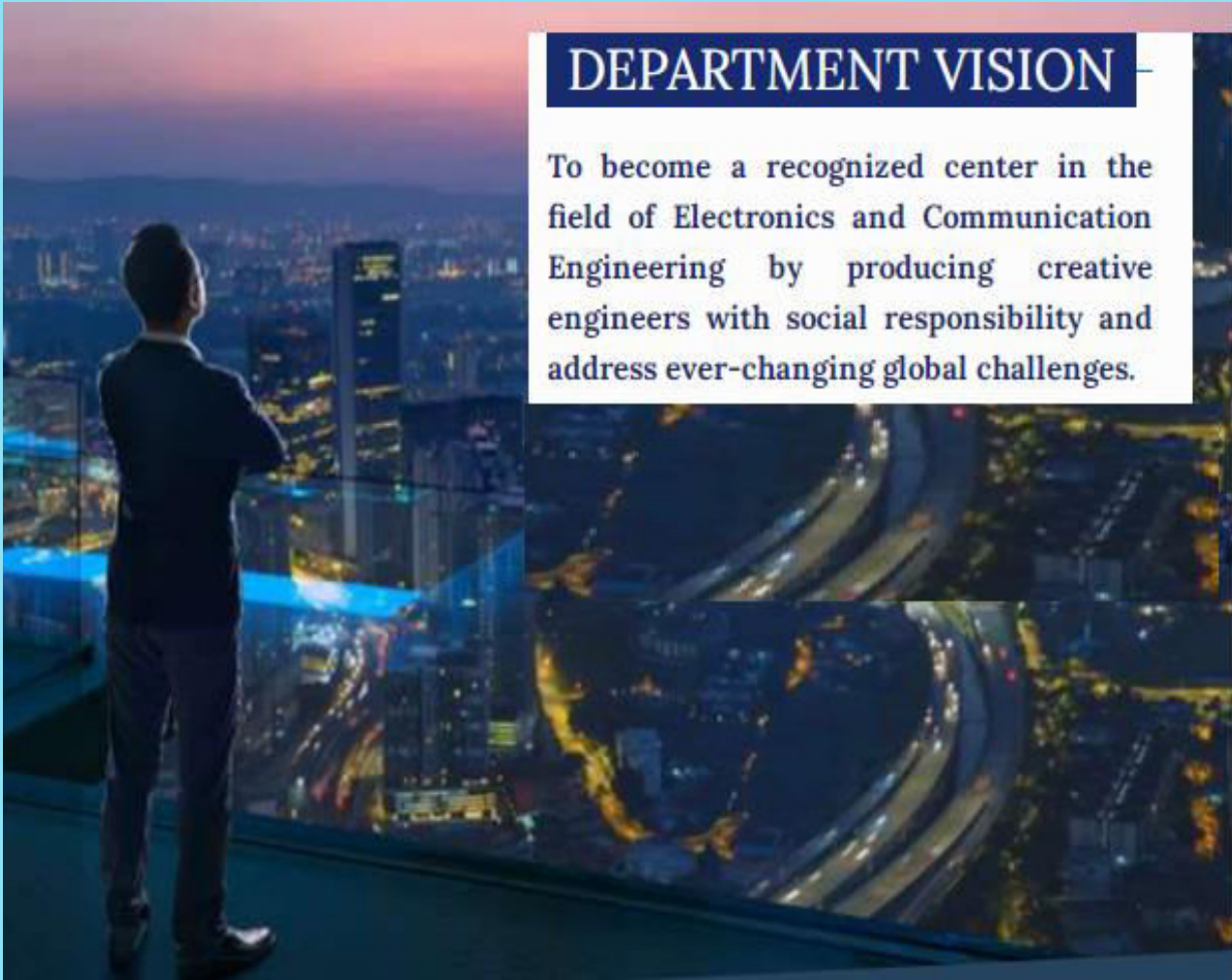
The Chairman's emphasis on employability skills has enabled employability training and the placement cell is in full

Progress on capturing good placements in top notch companies even with the present slow pace in the job market.

The students are involved in real time projects thus enriching their innovative skills. The college is endeavoring for excellence in "An art won by training and habituation".

The editorial team solicits your valuable suggestions and wishes everyone a successful year.

"Happy Reading!"



DEPARTMENT VISION

To become a recognized center in the field of Electronics and Communication Engineering by producing creative engineers with social responsibility and address ever-changing global challenges.

Vision Statement:

To become a recognized center in the field of Electronics and Communication Engineering by producing creative engineers with social responsibility and address ever-changing global challenges.

Mission Statement:

DM1 : To facilitate an academic environment that enables student's centric learning.

DM2 : To provide state-of-the-art hardware and software technologies to meet industry requirements.

DM3 : To continuously update the Academic and Research infrastructure.

DM4 : To Conduct Technical Development Programs for overall professional caliber of Stake Holders.

Program Educational Objectives (PEOs)

1. Graduates with a strong foundation in Electronics and Communication Engineering, Science and Technology to become successful in the chosen professional career.
2. Graduates with ability to execute innovative ideas for Research and Development with continuous learning.
3. Graduates inculcated with industry based soft-skills to enable employability.
4. Graduates demonstrate with ability to work in interdisciplinary teams and ethical professional behavior.

Program Specific Outcomes(PSO's)

- 1 **.Design Skills:** Design, analysis and development a economical system in the area of Embedded system& VLSI design.
2. **Software Usage:** Ability to investigate and solve the engineering problems using MATLAB, Keil and Xilinx

PROGRAM OUTCOMES (PO's)

PO1 Engineering Knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialisation to the solution of complex engineering problems.

PO2 Problem Analysis: Identify, formulate, research literature, and analyse complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.

PO3 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.

PO4 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.

PO5 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.

PO6 The Engineer & 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.

PO7 Environment & Sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

PO8 Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

PO9 Individual & Team Work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

PO10 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, give and receive clear instructions.

PO11 Project Management & 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.

PO12 Life-Long Learning: Recognise the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

FACULTY ACHIEVEMENTS

AWARDS

- ❖ Dr.K.SRINIVASA REDDY Professor of ECE Dept. was Recognized as NPTEL DISCIPLINE STAR(COMPUTER SCIENCE & ENGINEERING) , JAN-APR 2023



- ❖ Dr.K.SRINIVASA REDDY Professor of ECE Dept. was Recognized as NPTEL BELIEVER , JAN-APR 2023

GUEST LECTURES

SNo	Event/Title	Date
1	Guest Lecture On Embedded System Design	08.02.2023
2	Conducted Workshop on Image Processing Applications Using MATLAB	23.02.2023 to 24.02.2023
3	Guest Lecture On Low Power VLSI Design	14.03.2023
4	Guest Lecture On Electromagnetic Fields	06.05.2023
5	Conducted a Two Days Workshop on Wireless Sensor Networks	08.05.2023
6	Guest Lecture on Analog & Digital Communication	23.06.2023

GUEST LECTURES BY INDUSTRY EXPERTS

S. No.	Name of the Programme	From Date	To Date	Resource Person
1	Guest Lecture On Embedded System And Its Application	8/02/2023	8/02/2023	CH.BHOOMIKA R&D Engineer TLC industry education equipment PVT LIMITED
2	2 Days Workshop On Analog And Digital Cmos Design And Its Application Using Mentorgraphics Tool	18/4/2023	19/4/2023	G.CHANDRA SHEKAR Senior Software Engineer WNP Technologies
3	Guest Lecture On Advanced Wireless Technologies	22/04/2023	22/04/2023	A.AKASH Conscience Technologies Pvt limited
4	2 Days Workshop On digital signal processing and its applications	26/04/2023	27/04/2023	K.VENKATA KRISHNA Senior Software Developer Peaksense Technologies

FACULTY DEVELOPMENT PROGRAMS

SNo	Name of the Faculty	TOPIC	Name of the Organization	Dates	Duration
1	S.Naresh	Design and Implementation of Advanced VLSI Architectures	Dept. of ECE, Lakkireddy Bali Reddy College of Engg. , Mylavaram, A.P	13.03.2023 - 17.03.2023	1 Week
2	T.Naresh	Design and Implementation of Advanced VLSI Architectures	Dept. of ECE, Lakkireddy Bali Reddy College of Engg. , Mylavaram, A.P	13.03.2023 - 17.03.2023	1 Week
3	Y.Raju	Design and Implementation of Advanced VLSI Architectures	Dept. of ECE, Lakkireddy Bali Reddy College of Engg. , Mylavaram, A.P	13.03.2023 - 17.03.2023	1 Week
4	S.Naresh	Advanced Communication Systems	Dept. of ECE, Lakkireddy Bali Reddy College of Engg. , Mylavaram, A.P	05.06.2023 - 09.06.2023	5 Days
5	I.Venu	Advanced Communication Systems	Dept. of ECE, Lakkireddy Bali Reddy College of Engg. , Mylavaram, A.P	05.06.2023 - 09.06.2023	5 Days
6	S.Naresh	Advances in 5G and Next Generation Networks(5GNGN)	Dept. of E&TC, Sinhgad Inst. of Tech., Lonavala, India	26.06.2023 - 30.06.2023	1 Week

7	T.Bhavani	Advances in 5G and Next Generation Networks(5GNGN)	Dept. of E&TC, Sinhgad Inst. of Tech., Lonavala, India	26.06.2023 - 30.06.2023	1 Week
8	M.Ganesh	Advances in 5G and Next Generation Networks(5GNGN)	Dept. of E&TC, Sinhgad Inst. of Tech., Lonavala, India	26.06.2023 - 30.06.2023	1 Week
9	S.Naresh	Machine Learning	NPTTEL	Jan - Mar 2023	8 Weeks
10	K.Srikanth	Advances in 5G and Next Generation Networks(5GNGN)	Dept. of E&TC, Sinhgad Inst. of Tech., Lonavala, India	26.06.2023 - 30.06.2023	1 Week

WEBINARS

S.No	Name of the Faculty	Title	Conducted By	Dates (From - To)	Duration
1.	Mr.S.Naresh	Innovations in Clean Cooking	The International Solar Innovation Council (INSIC)	25.02.2023	1 Day
2.	Mr.M.Ganesh	Innovations in Clean Cooking	The International Solar Innovation Council (INSIC)	25.02.2023	1 Day
3.	Mr. K.Srikanth	Innovations in Clean Cooking	The International Solar Innovation Council (INSIC)	25.02.2023	1 Day
4.	Mr.S.Naresh	Driverless Smart Car ADAS 7 ROS	Pantech E-Learning Pvt.Ltd	12.03.2023	1 Day
5.	Mr.T.Naresh	Driverless Smart Car ADAS 7 ROS	Pantech E-Learning Pvt.Ltd	12.03.2023	1 Day
6.	Mrs. T.Bhavani	Driverless Smart Car ADAS 7 ROS	Pantech E-Learning Pvt.Ltd	12.03.2023	1 Day

7.	Mrs. P. Srilatha	Driverless Smart Car ADAS 7 ROS	Pantech E-Learning Pvt.Ltd	12.03.2023	1 Day
8.	Mr.S.Naresh	IPR	Dept of CSE, Chalapathi Inst. of Engg. & Tech, Guntur	20.03.2023	1 Day
9.	Mrs.G.Nirmala	IPR	Dept of CSE, Chalapathi Inst. of Engg. & Tech, Guntur	20.03.2023	1 Day
10.	Mr.S.Naresh	Global Applications using IOT in Digital Marketing	Dept of CSE, Chalapathi Inst. of Engg. & Tech, Guntur	24.03.2023	1 Day
11.	Mrs.B.Jyothirmayi	Global Applications using IOT in Digital Marketing	Dept of CSE, Chalapathi Inst. of Engg. & Tech, Guntur	24.03.2023	1 Day
12.	Mr.S.Naresh	Metaverse	Dept of CSE, Chalapathi Inst. of Engg. & Tech, Guntur	27.03.2023	1 Day
13.	Mr.K.Rajender	Metaverse	Dept of CSE, Chalapathi Inst. of Engg. & Tech, Guntur	27.03.2023	1 Day
14.	Miss. N.Aparna	World Day for Safety and Health At Work	Dept of EEE, IFET College of Engg., Tamilnadu	28.04.2023	1 Day
15.	Mrs.A.Sindhuja	World Day for Safety and Health At Work	Dept of EEE, IFET College of Engg., Tamilnadu	28.04.2023	1 Day

STUDENTS ACHIEVEMENTS

SNO	ROLL NUMBER	NAME OF THE STUDENT	NAME OF THE COUNTRY	NAME OF PG
1.	19X31A0494	Mokilla Akhila	US	MS
2.	19X31A0458	K Jaya Krishna	US	MS
3.	19X31A0441	Gadhagani Sai Prakash Goud	US	MS
4.	19X31A0438	Gunreddy Navya	US	MS
5.	19X31A0432	N Dinesh Kondal	US	MS
6.	19X31A0427	Dammalapati Ashok	US	MS
7.	19X31A0423	Challa Tarun Kumar Reddy	US	MS
8.	19X31A0414	Balguri Yeshwanth Reddy	US	MS
9.	19X31A0402	Akki Gayathri Priya Goud	US	MS
10.	19X31A0435	D Balaji	US	MS
11.	19X31A0426	Chittimalla Rakesh	US	MS
12.	19X31A0424	Chilkamarri Bala Raviteja	US	MS
13.	19X31A0440	G Ajay Reddy	US	MS
14.	19X31A0444	Ganji Janani	US	MS
15.	19X31A0448	Goutham Kumar	US	MS
16.	19X31A0413	Aruva Manish Reddy	US	MS
17.	19X31A0408	Anthati Anwesh Goud	US	MS
18.	19X31A0410	Arige Arun Kumar	US	MS
19.	19X31A0416	Bheema Sai Krishna	US	MS
20.	19X31A0478	Madadi Hinduja	US	MS

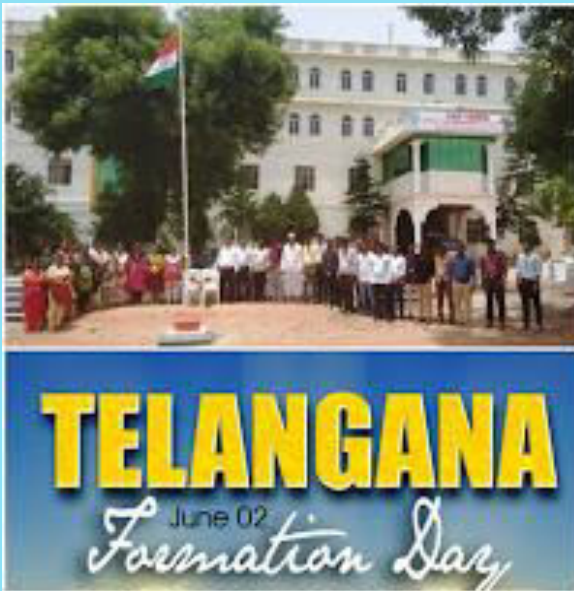
21.	19X31A0482	Madala Sri Bhavani	US	MS
22.	19X31A0474	Kudumula Ashok Reddy	US	MS
23.	19X31A0479	M Tharun Reddy	US	MS
24.	19X31A0491	M Akshitha Reddy	US	MS
25.	19X31A0472	Kuchipudi Rakesh	US	MS
26.	19X31A0496	Mukkamalla Praveen	US	MS
27.	19X31A0427	Dammalapati Ashok	US	MS
28.	19X31A04A0	Oggu Ravi Teja Reddy	US	MS
29.	19X31A0483	Madlapally Rahul	US	MS
30.	19X31A0449	Gudala Teja Sreekar Yadav	US	MS
31.	20X35A0423	Sudini Shivani	US	MS
32.	19X31A04B6	Seelam Chiruprakash Reddy	US	MS
33.	20X35A0421	Burugu Preethi	US	MS
34.	19X31A04E4	Bandla Sai Prakash	US	MS
35.	19X31A0485	Manche Chethana	US	MS
36.	19X31A04B4	Salagari Sandeep Reddy	US	MS
37.	20X35A0425	V Jithendar Reddy	US	MS
38.	19X31A04B2	Rahul Shirbhate	US	MS
39.	19X31A04A2	Pachunuri Greeshma Sri	US	MS
40.	19X31A0477	Kundarapu Hasini	US	MS
41.	19X31A04A6	Pati Rajesh	US	MS
42.	19X31A0462	Kallu Vineetha	US	MS
43.	19X31A04D1	V Ramya	US	MS

AWARDS



IN 3 RD TAFISA INDO-NEPAL INTERNATIONAL GAMES-2023 IIECE STUDENT GOT 1 ST PRIZE.

EVENTS, PHOTOGRAPHS



Telangana Formation Day On 02/06/2022



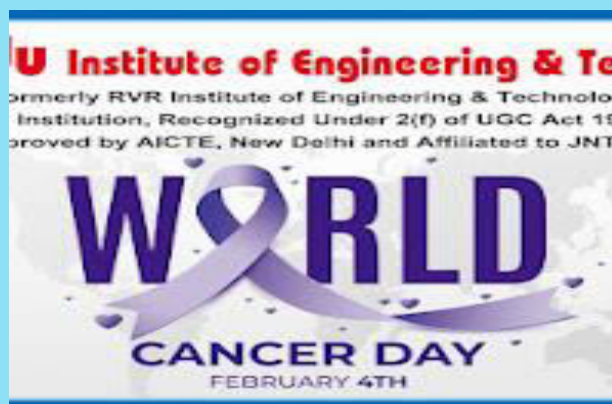
145 Students took Institute of Engineers and Tele Communication Engineering membership



Annual Day Celebrations



Womens Day Celebrations



In 2023, the global cancer community commemorated World Cancer Day, on February 4, with the slogan "Close the care gap", and the call to unite our voices and take action.



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Khalsa Ibrahimpatnam, Sheriguda (V), Ibrahimpatnam (M), Ranga Reddy Dist., Telangana - 501 510

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