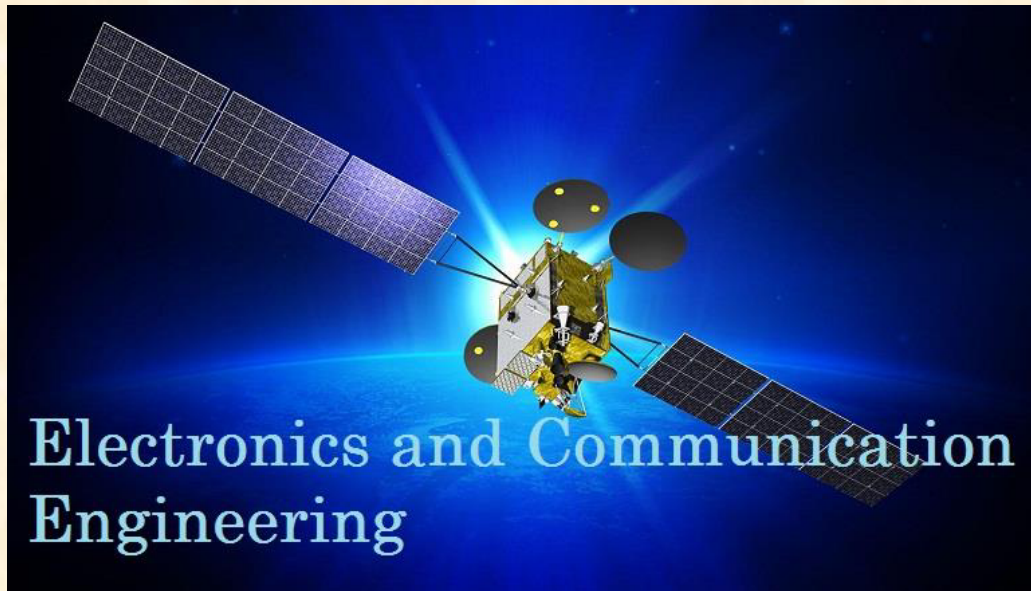




SRI VASAVI ENGINEERING COLLEGE (AUTONOMOUS)

Approved by AICTE, New Delhi, Accredited by NAAC & NBA with 'A' Grade
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING



Electro Nivedika

- Voice of ECE

September

November

2023-24

Student Co-ordinators

M.Rohith - (21A81A1441)

N.Raj Charan - (21A81A04A5)

Faculty Editor

Dr. T V N L Aswini

Associate Professor

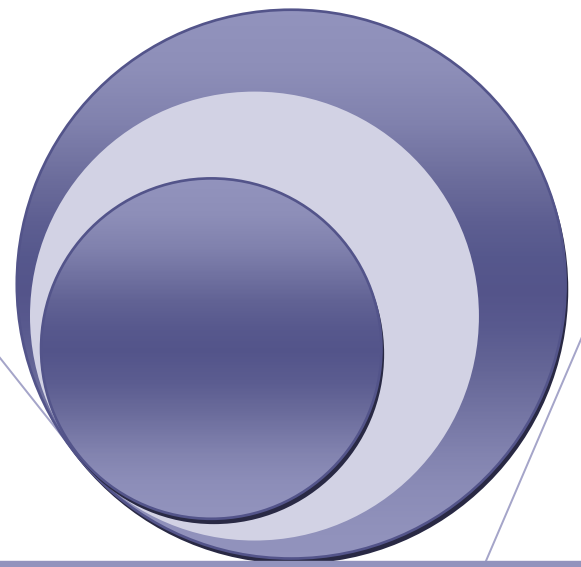
Chief Editor

Dr. E.Kusuma Kumari

HOD, ECE

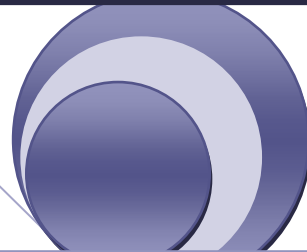
VOLUME-10

ISSUE-2



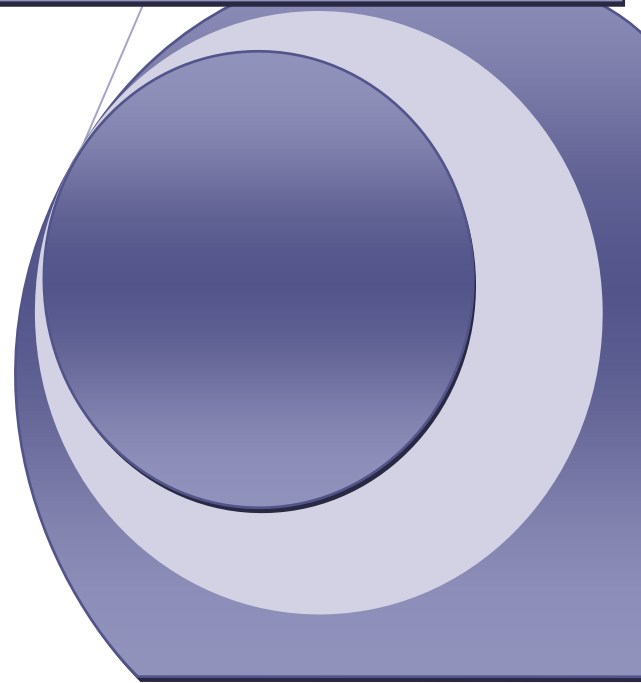
Vision

To develop the department into a centre of excellence and produce high quality, technically competent and responsible Electronics and communication engineers



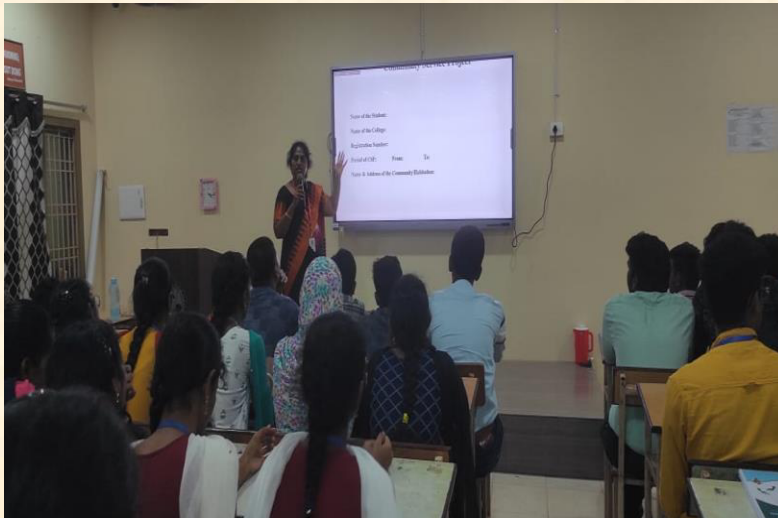
Mission

- ❖ To create a learner centric environment that promotes the intellectual growth of the students.
- ❖ To develop linkages with R & D organizations and educational Institutions for excellence in teaching, learning and consultancy Practices.
- ❖ To build the student community with high ethical standards.



Events Conducted

Conducted Orientation on curriculum and CSP
for II ECE&ECT Students on 09/02/2023



Conducted events on the eve of Engineers day



Events Conducted





Faculty Corner

Workshops/Seminars/FDPs attended by Faculty

S. No	Name of the Faculty	Name of the Workshop	Host institution	Date
1	Sri.R.Ram Prasad	Structural Optimization using ANSYS	ARK Info solutions PVT LTD	29/09/2023
2	Sri.R.Ram Prasad	Soft Computing Algorithms: Basics and Applications	National Institute of Technical Teachers Training and Research, Candigarh	09/10/2023-13/10/2023
3	Sri.R.Ram Prasad	Workshop on Electromagnetic and Microwave Engineering	BITS Pilani Hyderabad	01/11/2023-03/11/2023
4	Sri.D.Venkanna babu	Training program NATIONAL INTELLECTUAL PROPERTY AWARENESS MISSION	Intellectual Property Office, India	30/10/2023
5	Dr. M. Koteswara Rao	ISTE approved Online/SF-STTP/FDP Programme on Design Challenges and Opportunities in VLSI	S.R.K.R Engineering College, Bhimavaram, Andhra Pradesh.	09/10/2023-13/10/2023
6	Sri Ashok Kumar	FDP on Antennas for Industrial applications	Abacus Institute of Engineering and Management, West Bengal	22/08/2023-26/08/2023
7	Sri Ashok Kumar	FDP on Antennas for Industrial applications	VIT, Vellore	16/10/2023-18/10/2023
8	Sri PVV Rajesh	FDP on Microelectronics: Devices to Circuits	NPTEL-AICTE	July- October

Papers Published in National/International Conferences

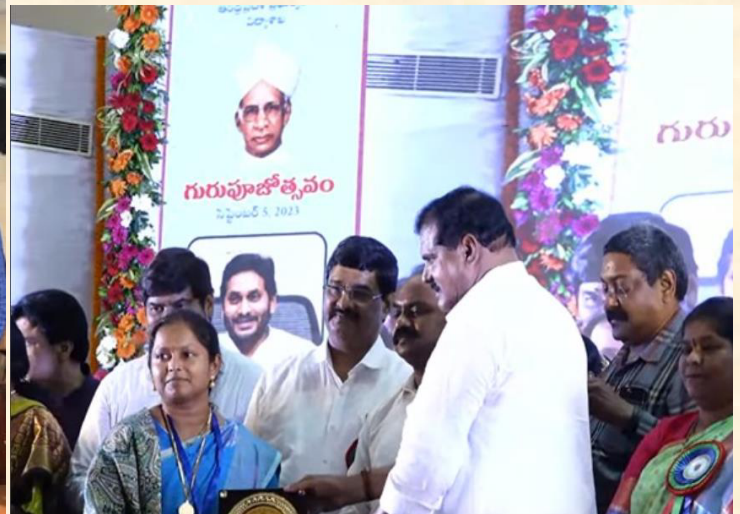
S. No	Name of the Faculty	Name of the Workshop	Host institution
1	Dr.E. Kusuma Kumari	A Multiband Rhombus Shaped Patch Antenna with Rhombus Slots for C, X, and Ku-Band Applications	IEEE Wireless Antenna and Microwave Symposium (WAMS), 2023, pp. 1-5, DOI 10.1109/WAMS57261.2023.10242895
2	Dr. Purnima K Sharma	Rectangular Patch Antenna with Truncated cuts and slot for satellite communication Applications	IEEE wireless Antenna and Microwave Symposium 2023, 7th to 10th June 2023, Ahmedabad DOI 10.1109/WAMS57261.2023.10242819
3	Sri R. Ram Prasad Dr. E. Kusuma Kumari Sri P. Nagaraju	Dual Band Parasitic Volumetric Antenna Using Substrate Integrated Waveguide Technology for C and X band Applications	AICTE Sponsored Two Days International Conference on information and Communication Engineering (ICICE'23), 27th to 28th Sep 2023 CARE Engineering College, Trichy, Tamil Nadu

Faculty Corner



Management has given an incentive of 15,000/- to **Sri M. Vinod Kumar**, Asst. Prof., Department of ECE for his contributions in research by publishing a research article entitled “Design of High Gain Metasurface Antenna Using Hybrid African Vulture’s Optimization and Capuchin Search Algorithm for RF Energy Harvesting” SCIE Indexed article in a Springer Journal of Wireless Personal Communications

DrPurnima K Sharma, Professor, Department of ECE was awarded as the State Best Teacher Award for her contributions in research and Academics from honourable Educational Minister



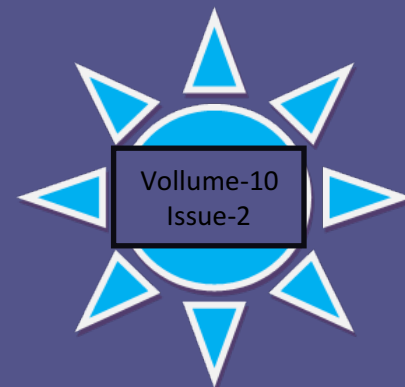
🚩 Congratulations to **Dr. Purnima K Sharma** for completing her Post Doctoral Fellow



Faculty Corner

- ✚ Congratulations to **Mr. PVV Rajesh**, Assistant Professor, for being awarded as NPTEL Discipline Star, NPTEL Believe Star and NPTEL Enthusiast Star.
- ✚ Congratulations to **Dr. T Sarveswara Rao** for achieving NPTEL topper in Python for Data Science
- ✚ Congratulations to **Mr. P Nagaraju** for achieving NPTEL topper in Research Methodology.
- ✚ **All the faculty of ECE department** were falicitated on the eve of **Teachers day**.





Faculty Corner

-Sl. No.	Name of the Faculty	Name of the Certification course Attended	Certification Authority	No. of Weeks/Days	Duration
1.	Dr.E. Kusuma Kumari	Introduction to wireless and cellular communications	NPTEL	12	JUL-OCT 2023
2.	K Pasipalana Rao	Introduction to machine learning	NPTEL	8	JUL-SEP 2023
3.	P.V.V Rajesh	Microelectronics: Devices to Circuits	NPTEL	12	JUL-OCT 2023
4.	K Pasipalana Rao	Digital circuits	NPTEL	12	JUL-OCT 2023
5.	M.Pitchaiah	Digital circuits	NPTEL	12	JUL-OCT 2023
6.	P.V.V Rajesh	Fundamentals of electronic device fabrication	NPTEL	4	JUL-AUG 2023
7.	K.Durga Saranya	Research methodology	NPTEL	8	AUG-OCT 2023
8.	P.V.V Rajesh	Digital circuits	NPTEL	12	JUL-OCT 2023
9.	P.Nagaraju	Research methodology	NPTEL	8	AUG-OCT 2023
10.	P.V.V Rajesh	Python for data science	NPTEL	4	JUL-AUG 2023
11.	T V N L Aswini	Python for data science	NPTEL	4	JUL-AUG 2023
12.	KNH Srinivas	Python for data science	NPTEL	4	JUL-AUG 2023
13.	TDNS Sarveswara Raso	Python for data science	NPTEL	4	JUL-AUG 2023
11.	R.L.R Lokeshbabu	Cyber Security and Privacy	NPTEL	12	JUL-OCT 2023
12.	D.VenkannaBabu	VLSI Design flow:RTL to GDS	NPTEL	12	JUL-OCT 2023
13.	D.VenkannaBabu	System design through Verilog	NPTEL	8	JUL-SEP 2023

Congratulations

Student Corner

Presented Merit awards for the Students of 20-24, 21-25, 22-26 batches.



Electro Nivedika

-Voice of ECE



Student Corner

Presented Merit awards for the Students of 20-24, 21-25, 22-26 batches.



Congratulations