



**S.V. COLLEGE OF ENGINEERING TIRUPATI**

# COMMUNIQUE

**VOLUME-17**

**--- News Letter---**

**July- Dec- 2020**



## **Department of Electronics and Communication Engineering**

We see portability in electronics being a continuing requirement, Higher functionality, Better battery life, Requiring lower power for the actual electronics.

-----David Milne

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# **Electronics and Communication Engineering**

## **Vision and Mission of the Department**

### **Vision**

- To be a focal centre for academic excellence in competing global standards and dynamics in the field of Electronics and Communication Engineering with research and services focusing on effective communication skills, entrepreneurial, ethical and social concern.

### **Mission**

- To impart quality technical education in Electronics and Communication Engineering with well established infrastructure, state- of- the art laboratories, core instructions and cognizant faculty.
- To prepare the young and dynamic Electronics and Communication Engineers professionally deft and intellectually adept with knowledge, behavior and information competency.
- To enable the learners for Changing Trends in the field of Electronics and Communication Engineering with a focus on career guidance, placements and higher education by Industry-Institute relationship.

## **PROGRAM EDUCATIONAL OBJECTIVES**

**PEO1-** Graduates should be cognizant in basic science, fundamental engineering stream along with core related domains in ECE and Allied fields.

**PEO2-** Graduates should understand issues related to design, problem solving, and intellectually adept with knowledge, behavior and information competency.

**PEO3-** Graduates should demonstrate their technical, communication, research, aptitudes along with leadership skills in professional environment to empower employability, higher education and entrepreneurs successfully through industry-institute interaction.

**PEO4-** Graduates should be motivated with high ethical, human values and team work towards development of the society.

## **About Dept. of ECE**

- Electronics and communication engineering has emerged as the major driving force behind the present day Information Technology revolution acting as a bridge between different disciplines of engineering and technology.
- It has penetrated into other prominent sectors such as health care, instrumentation, agriculture, automation, signal processing, remote sensing etc.,
- The recent developments such as IoT and Artificial Intelligence and the mercurial advancements in the field of communications, such as 5G, highlight the need for talented graduates who can assist their organizations in working with and manufacturing new technologies.

# Principal's Message



I have great pleasure in conveying my best wishes to the Dept. of ECE for releasing the newsletter **"COMMUNIQUE"** which brings the students and teachers of various disciplines on a common platform to share and display their ideas and creative talents, I wish all the students who have involved in bringing out the newsletter for their greater success and career ahead.

**Dr. N.SUDHAKAR REDDY, ME, Ph.D, FIE, MISTE.  
PRINCIPAL**

# HOD's Message



The Department of Electronics and Communication Engineering has been providing Excellent Opportunities for the students to explore & exhibit their academic , Co-curricular & Extra-curricular activities.

This newsletter is an attempt to highlight the achievement of the department, in spite of the space constrain we have showcased the best and look forward to have more in the future on a quarterly editions. I wish good luck to the entire team of editors and look forward for your kind patronage to our newsletter **"COMMUNIQUE"**.

**Dr.D SRINIVASULU REDDY, M.Tech, Ph.D**

**HOD ECE, SVCE Tirupati.**

S. No	Faculty Name	Seminar/ Workshop / FDP/Online Courses	Name of the event	Organized/Sponsored By	Details	Duration
1	A Krishna Mohan	FDP	Internet of Things (IoT)	Thiagarajar College Of Engineering, Madurai	19-10-2020 To 23-10-2020	5 days
2	S. Yoganand	FDP	Innovative Teaching & Learning Methods for Inspiring Students	Sagi Rama Krishnam Raju Engineering College, Bheemavaram	12/10/2020 To 17-10-2020	1 week
3	M. Poornima	FDP	Emerging Technologies (IOT, Robotics & UAV)	Centre for Development of Advanced Computing	12/10/2020 To 16-10-2020	5 days
4	S. Yoganand	FDP	Latest Technological Developments in Electronics and Communication Engineering	KL Deemed to be University	5/10/2020 To 17-10-2020	3 days
5	M. Poornima	FDP	Recent trends and applications in biomedical signal and image processing	ATAL ACADEMY	21-09-2020 to 25-09-2020	5 days
6	K. Upendra Raju	FDP	Recent trends and applications in biomedical signal and image processing	G. H. Rasoni College of Engineering, Nagpur	21-09-2020 to 25-09-2020	5 days
7	K. Amala	FDP	Intellectual Property Rights: An Overview	JNTU, Anantapur	9/9/2020 to 11/9/2020	3 days
8	A Krishna Mohan	FDP	R Programming	APSSDC	7/9/2020 to 5/10/2020	3 days
9	G. Sujatha	FDP	Trends and challenges in the design and implementation of planar Antennas	SNIST, Hyderabad	1/9/2020 to 5/9/2020	5 days
10	K. Amala	STTP	Predictive Analytics using machine learning with Python	Malla Reddy Engineering College for Women	10/8/2020 to 16-08-2020	1 week
11	K. Amala	FDP	Education 4.0 the feature ahead	Sai Ram Institute	10/8/2020 to 14-08-2020	5 days
12	G. Sujatha	FDP	ANIT-2020	AITs, Rajampet	3/8/2020 to 8/8/2020	1 week
13	V. Nagendra Kumar	STTP	Recent Trends in Wireless Sensor Networks and Applications	MRECW, Hyderabad	3/8/2020 to 8/8/2021	1 week

## JOURNALS

S.No.	Name of the Faculty	Title of the Paper	Name of the journal	Vol. No Issue No. Month-Year
1	Dr.D.Srinivasulu Reddy	Graph Cut Method based Segmentation of Magnetic Resonance (MRI) Images of the Brain	Journal of Emerging Technologies and Innovative Research	Volume 7, Issue 7, July 2020
2	Dr. K.Sai Venu Prathap	A Real-Time Haze Removal & Mosaicing using Rapid Prototype Hardware	International journal of Innovative Technology and Exploring Engineering	Volume 9, Issue 10, August 2020
3	Mr.K.Gopi	A Real-Time Haze Removal & Mosaicing using Rapid Prototype Hardware	International journal of Innovative Technology and Exploring Engineering	Volume 9, Issue 10, August 2020

4	Mr. K. Kishore Kumar	A Real-Time Haze Removal & Mosaicing using Rapid Prototype Hardware	International journal of Innovative Technology and Exploring Engineering	Volume 9, Issue 10, August 2020
5	Mr.K.R.Surendra	Graph Cut Method based Segmentation of Magnetic Resonance (MRI) Images of the Brain	Journal of Emerging Technologies and Innovative Research	Volume 7, Issue 7, July 2020

## CONFERENCE

S.No.	Academic Year	Name of the Faculty	Title of the Paper	Name of the International Conference	Date and Place of Conference
1	2020-21	Mr. Sk Allabaksh	IoT Based Smart Energy Meter Using Arduino	Two Day National Level e-Conference on "Recent Advances in Technology and Engineering(CRATE-2020)	(20-21) August-2020 Chittoor
2	2020-21	Mr. V.Nagendra Kumar	IoT Based Smart Energy Meter Using Arduino	Two Day National Level e-Conference on "Recent Advances in Technology and Engineering(CRATE-2020)	(20-21) August-2020 Chittoor
3	2020-21	Mr.K.R.Surendra	IoT Based Smart Energy Meter Using Arduino	Two Day National Level e-Conference on "Recent Advances in Technology and Engineering(CRATE-2020)	(20-21) August-2020 Chittoor
4	2020-21	Mr.D.Chaitanya	IoT Based Smart Energy Meter Using Arduino	Two Day National Level e-Conference on "Recent Advances in Technology and Engineering(CRATE-2020)	(20-21) August-2020 Chittoor

# Student Corner

# PLACEMENTS

S.No	Name of the Company	No. of students Placed	Salary per annum
1.	Accenture	7	450000
2.	Amaraja	2	300000
3.	Ascia Technologies	1	300000
4.	Capgemini	30	380000
5.	CISCO	3	1130000
6.	CTS	48	400000
7.	DXC Technologies	4	360000
8.	Foxconn	1	190000
9.	HCL	7	260000
10.	Honey Well	1	550000
11.	IBM	2	425000
12.	Infosys	1	430000
13.	Intense Technologies	1	320556
14.	L&T	2	300000
15.	MindTree	1	320000

## STUDENTS RESULTS

II-II	
TOTAL REGISTERED :	262
TOTAL PASSED STUDENTS :	135
OVERALL PASS PERCENTAGE :	51.53 %

I-II	
TOTAL REGISTERED :	256
TOTAL PASSED STUDENTS :	156
OVERALL PASS PERCENTAGE :	60.93%
OVERALL FIRST CLASS PERCENTAGE :	60.93%

<b>III-II</b>	
<b>TOTAL REGISTERED :</b>	<b>255</b>
<b>TOTAL PASSED STUDENTS :</b>	<b>172</b>
<b>OVERALL PASS PERCENTAGE :</b>	<b>67.45%</b>
<b>OVERALL FIRST CLASS PERCENTAGE :</b>	<b>66.67%</b>

<b>IV-II</b>	
<b>TOTAL REGISTERED :</b>	<b>268</b>
<b>TOTAL PASSED STUDENTS :</b>	<b>226</b>
<b>OVERALL PASS PERCENTAGE :</b>	<b>84.33%</b>
<b>OVERALL FIRST CLASS PERCENTAGE :</b>	<b>83.96%</b>

## **STUDENT ACTIVITIES**

<b>Sl. No.</b>	<b>Name of the Student</b>	<b>Event</b>	<b>Organized By</b>	<b>Date</b>	<b>Prizes (I/II/III)/ Awards</b>
<b>1</b>	<b>K Mounika</b>	<b>Paper Presentation</b>	<b>Pulla reddy engineering College, Kurnool</b>	<b>15th September 2021</b>	<b>III</b>
<b>2</b>	<b>E Ram Babu</b>	<b>National Level Quiz</b>	<b>Pulla reddy engineering College, Kurnool</b>	<b>15th September 2021</b>	<b>I</b>
<b>3</b>	<b>Sai Sandeep</b>	<b>Paper Presentation</b>	<b>Pulla reddy engineering College, Kurnool</b>	<b>15th September 2021</b>	<b>III</b>
<b>4</b>	<b>Balisetty Tharun</b>	<b>Paper Presentation</b>	<b>Pulla reddy engineering College, Kurnool</b>	<b>15th September 2021</b>	<b>II</b>



SV Colleges group was founded in 1981, based on the firm belief that education especially higher education provides a critical pathway to leadership development, economic progress, and social and political equality. Since its inception, the group has upheld a rigorous commitment to the curriculum and the programs that it offers. SV Colleges is a community where care, support and mutual respect flourishes. Our students are our first priority. We welcome you to join us and become yet another SV Colleges' success story. We empower our students to achieve professional and personal success by providing comprehensive educational experience, fostering critical thinking and encouraging lifelong learning. We are committed and dedicated to pursue excellence in our student's career by providing best in class education, training and skills necessary to become the future leaders. We train our students with the interpersonal and communication skills needed to thrive in the world beyond campus.