S.V. COLLEGE OF ENGINEERING TIRUPATI

COMMUNIQUE

--- News Letter---

V O L U M E- 18

Jan- Jun- 2021

Department of
Electronics and Communication Engineering

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

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.

Faculty Corner 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	Dr. D.Srinivasulu Reddy	Area Efficient Multilayer Arithmetic Logic Unit Implementation in Quantum -Dot Cellular Automata	Third International Conference on Intelligent Communication Technologies and Virtual Mobile Networks (ICICV 2021)	(4-6) February, 2021 Tirunelveli
2	2020-21	Dr. K. Lokesh Krishna	Area Efficient Multilayer Arithmetic Logic Unit Implementation in Quantum -Dot Cellular Automata	Third International Conference on Intelligent Communication Technologies and Virtual Mobile Networks (ICICV 2021)	(4-6) February, 2021 Tirunelveli
3	2020-21	G.Sujatha	Review of Vedic Multiplier using Various Full Adders	ICCMC(International conference on computing methododlogies and communicaion	(8-10) April, 2021 Erode

JOURNALS

S.No.	Academic Year	Name of the Faculty	Title of the Paper	Name of the journal	Vol. No Issue No. Month-Year
3	2020-21	Dr.M.Suresh Kumar	Solution-processed photoactive trigonal Cu2BaSnS4 thin films for efficient solar energy harvesting	Materials Characterization	Volume 174, April 2021

FDP'S

S. No	Faculty Name	FDP	Name of the event	Organized/Sponsored By	Details	Duration
1	P.Sai Kusuma	FDP	"Multi-Technologies"	Aarupadai VeeduInstitute of TechnologyVinayaka Mission's Research Foundation - Deemed To Be University	28-06-2021 To 3/7/2021	1 Week
2	S.Yoganand	FDP	Insights of NBA	K.C. College of Engineering &ManagementStudies and Research, Thane €	28-06-2021 To 30-06-2021	3 Days
3	D Srilatha	FDP	IOT and It's Framework-Hands on	Narayana Engineering College ,Gudur	24-06-2021 To 30-06-2021	1 Week
4	K Gopi	FDP	IOT and It's Framework-Hands on	Narayana Engineering College ,Gudur	24-06-2021 To 30-06-2021	1 Week
5	Omkar Naidu V	FDP	IOT and It's Framework-Hands on	Narayana Engineering College ,Gudur	24-06-2021 To 30-06-2021	1 Week
6	P.Sai Kusuma	FDP	IOT and It's Framework-Hands on	Narayana Engineering College ,Gudur	24-06-2021 To 30-06-2021	1 Week
7	K Gopi	FDP	Machine Learning	Srinivasa Ramanujan Institute of Technology, Ananthapuramu on Recent Trends and Applications Phase-IV	21-06-2021 To 26-06-2021	1 Week
8	L.Mahesh	FDP	Machine Learning	Srinivasa Ramanujan Institute of Technology, Ananthapuramu on Recent Trends and Applications Phase-IV	21-06-2021 To 26-06-2021	1 Week
9	G Rekha	FDP	Advances in Photonics and Fiber Optics Technologies	IETE Chennai Centre & IEEE Photonics Society Madras Chapter	21-06-2021 To 22-06-2021	2 Days
10	D Srinivasulu Reddy	FDP	Python Programming for Image Processing and IOT	Geethanjali Institute of Science & Technology, Nellore.	26-05-2021 To 31-05-2021	1 week
11	D Srilatha	FDP	Python Programming for Image Processing and IOT	Geethanjali Institute of Science & Technology, Nellore.	26-05-2021 To 31-05-2021	1 week
12	SK Aallabaksh	FDP	Python Programming for Image Processing and IOT	Geethanjali Institute of Science & Technology, Nellore.	26-05-2021 To 31-05-2021	1 week
13	G.Sujatha	FDP	Machine Learning in Computer Vision & Videp Processing	PSCMRCET	01.05.2021 To 19.05.2021	20days(3 Weeks)
14	S. Yoganand	FDP	Machine Learning in Computer Vision & Videp Processing	PSCMRCET	01.05.2021 To 19.05.2021	20days(3 Weeks)

Student Corner

Sl. No.	Name of the Student	Event	Organized By	Date	Prizes (I/II/III)/ Awards
1	A.Radhika priya	National level Tech-Fest-2021	Vasantada patil pratishthans college of engineering,Mumbai	27th March 2021	I
2	Mude Supraja	National level Student technical Symposium-2k21	Sri Venkateswara University, Tirupati	20th to 21st April 2021	II
3	N Yougandhar	National level Student technical Symposium	Sri Venkateswara University, Tirupati	20th to 21st April 2021	II
4	V R Mahima	National level Student technical Symposium	Sri Venkateswara University, Tirupati	20th to 21st April 2021	III
5	V Umesh Kumar	Paper Presentation	Annamacharya institute of technology and Science, Tirupati	6th to 7th May 2021	II
6	V Jashwanth Raju	Paper Presentation	Annamacharya institute of technology and Science, Tirupati	6th to 7th May 2021	II
7	V HariPriya	Workshop on PCB Design	Annamacharya institute of technology and Science, Tirupati	6th to 7th May 2021	II
8	A Lokesh	National Level Quiz	Annamacharya institute of technology and Science, Tirupati	6th to 7th May 2021	II

STUDENT RESULTS

1-1 Sem		Roll no.	Toppers	%
TOTAL REGISTERED	256	20BF1A0417	Bathini Bharath Kumar Reddy	97.45
TOTAL PASSED STUDENTS	221	20BF1A0484	Kadirimangalam Gowthami	97.34
OVERALL PASS PERECENTAGE	86.33%	20BF1A04N4	Thulasi Venkata Sai	97.23
OVERALL FIRST CLASS PERCENTAGE	85.60%	20BF1A0487	Kalamagari Yashwanth	96.49
		20BF1A0492	Kannan Kavya	95.74

2-1 Sem		Roll no.	Toppers	%
TOTAL REGISTERED :	280	19BF1A0476	GODUGUCHINTA LAYA	9.30
TOTAL PASSED STUDENTS :	181	19BF1A04H2	PAGADALA SUSHMA	9.16
OVERALL PASS PERECENTAGE :	64.64%	19BF1A0440	CHINNA KAMBAM NEEHA	9.02
OVERALL FIRST CLASS PERCENTAGE :	64.64%	19BF1A0463	E LOKESH	9.02
		19BF1A04P4	YARAM THULASI	9.02

3-1 Sem	
TOTAL REGISTERED :	261
TOTAL PASSED STUDENTS :	183
OVERALL PASS PERECENTAGE :	70.11%
OVERALL FIRST CLASS PERCENTAGE :	66.66%

4-1 Sem	
TOTAL REGISTERED :	256
TOTAL PASSED STUDENTS :	202
OVERALL PASS PERECENTAGE :	79.53%
OVERALL FIRST CLASS PERCENTAGE :	77.95%

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.