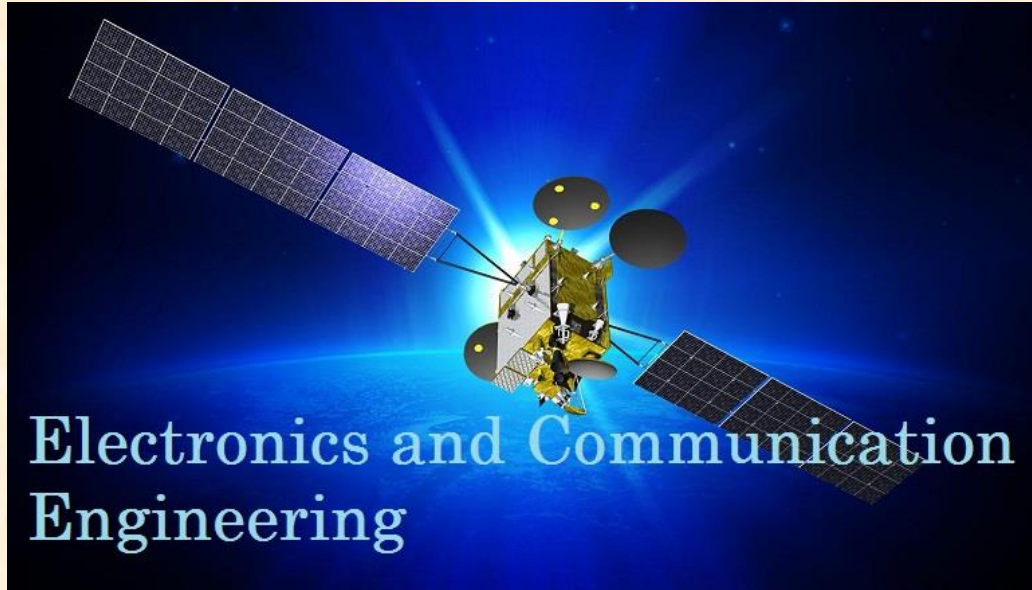




SRI VASAVI ENGINEERING COLLEGE (AUTONOMOUS)

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



Electro Nivedika

June

- Voice of ECE August

2020-21

A quarterly Newsletter Presented by Department of ECE

Student Co-ordinators

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Ch. BhanuPrakash(17A81A0471)

Faculty Editor

Y.Y.S.Manogna

Asst. Professor

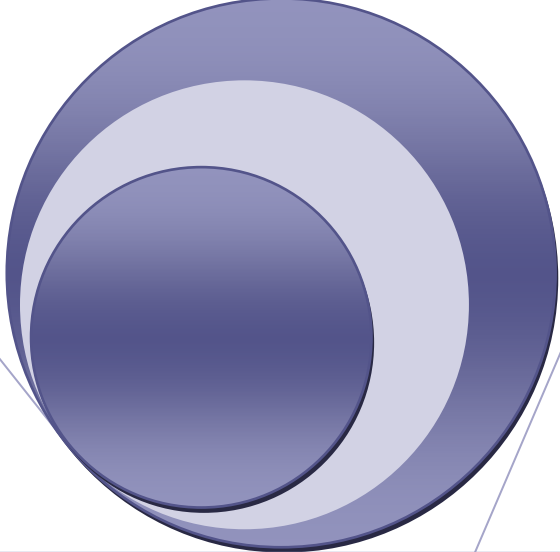
Chief Editor

Dr. E.Kusuma Kumari

HOD, ECE

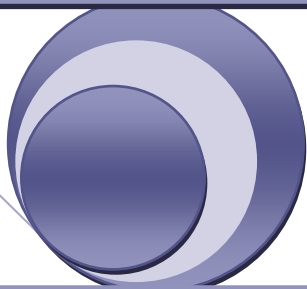
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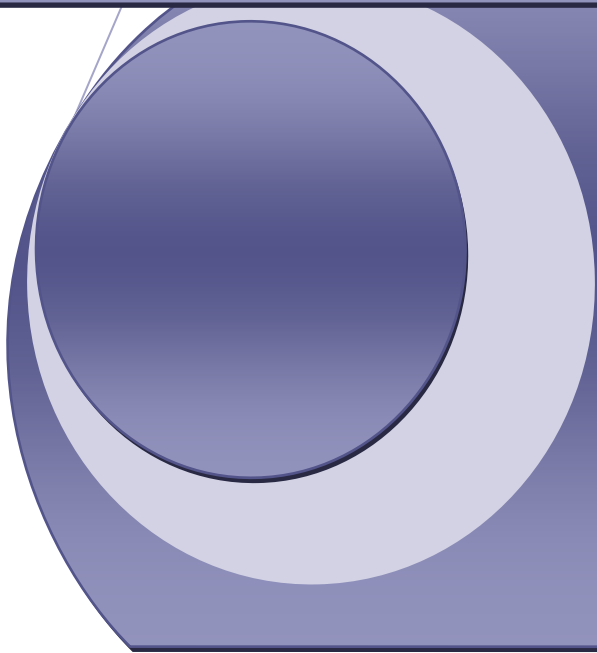
Vision

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 in the Department

WORKSHOP(S)-ECE

SRI VASAVI ENGINEERING COLLEGE (AUTONOMOUS)
Permanently Affiliated to JNTUK, KAKINADA
Accredited by NAAC with "A" Grade
Pedatadepalli, Tadepalligudem West Godavari Dist., Andhra Pradesh-534101

Department of Electronics and Communication Engineering

Webinar on **"HOW TO IMPROVE TEACHING SKILLS"**
For Faculty

Date : 06-06-2020 Time : 10 AM to 11:30 AM

Resource Person
Mr. A. SATISH IRSE
B.E., M.E., M.S., MBA(DI), MIE, MCA(Prp), MIV, MBA(HR), MCA, MPM, (Ph.D)
Topper in
UPSE CSE & IES, GATE, CAT, GMAT, IIPM, IPU ETC.

No Registration Fee

E Certificate will be provided to all the participants

Registration Link:-
https://docs.google.com/forms/d/e/1FAIpQL5CFMuzqIKCIMKkOb8ZmVyz5FXhustjuVcHjy_U46_L7q3nA/viewform

CONVENER
Dr. E.Kusuma Kumari
Professor, HOD, ECE, SVEC

PROGRAM COORDINATOR
Dr. M.Koteswara Rao,
Associate Professor, ECE, SVEC
E-mail : maromduvoo4@gmail.com
Cell No : 9490546224

For Registration

SRI VASAVI ENGINEERING COLLEGE (AUTONOMOUS)
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Pedatadepalli, Tadepalligudem West Godavari Dist., Andhra Pradesh-534101

Department of Electronics & Communication Engineering

Webinar on **"MEMS based Sensors for Chemical & Biochemical Sensing Applications"**
(For ECE, EEE, EIE and Mechanical Engineering.)

Date: 15th June 2020 Time: 10AM -11:30 AM

RESOURCE PERSON
NITIN S. KALE, PH.D.,
CHIEF TECHNOLOGY OFFICER,
NANOSNIFF TECHNOLOGIES PVT

E Certificate will be provided to all the participants

Registration link
<https://forms.gle/rpn3DZVx3SnNUbZ18>

No Registration Fee

Co-Convener
Dr U.Yedukondalu
Associate Professor, Department of ECE
Sri Vasavi Engineering College,
Tadepalligudem-534101
Mail id: drykudara@gmail.com
Contact no: 9849437940 &
8008465666(WhatsApp)

Convener
Dr E Kusuma Kumari
Professor & Head, ECE

- ECE Department conducted One Day National level Webinar on "How to Improve Teaching Skills " on 6th June 2020 at 10 AM to 11:30 AM for the faculty.
- ECE Department conducted One Day National level Webinar on " MEMS Based Sensors for Chemical & Bio Chemical Sensing Applications" on 15th June 2020 at 10 AM to 11:30 AM for the faculty of ECE, EEE and Mechanical Engineering.
Co-convener: Dr U. Yedukondalu
- ECE Department conducted A Five Day National Level Online Faculty Development Program on "Trends in Electronics & Communication Engineering" During 22nd to 26th June 2020 @ ECE, SVEC for ECE faculty, all over the Country.
Co-convener(s): Dr. M. Koteswara Rao & Dr. U. Yedukondalu



Faculty Corner

Faculty Publications in Journals/Conferences

S.No	Name of the Staff Member	Title of the Paper	Name of the Journal, ISSN No., Vol, &Published year
1.	Dr.MURUGAN.S	Rectangular patch with MIMO antenna for 5G Applications	First online International conference on 'Smart Modernistic on Electronics and Communication 29-06-2020 to 30-06-2020
2.	Dr.M.Thamarai	Real time crowd detection and counting in video sequences using R-HOG Net	International Journal of advanced science and technology vol.29, no.4, 2020,ISSN: 2005-4238 (Print) ISSN: 2207-6360 (Online) June 2020
3.	K S S KIRAN		
4.	A R S BALAJI		
5.	Dr.M.Thamarai	Conference paper:An Autonomous Playground cleaning system using Arduino	Online International conference on 'Smart Modernistic on Electronics and Communication June 2020
6.	Dr.M.Thamarai	Conference paper:Analysis of Brain tumor classification using CNN Transfer Learning in ICSMEC conference	Online International conference on 'Smart Modernistic on Electronics and Communication
7.	Dr Udara Yedukondalu	An Efficient and Noval Architecture for 24 - bit Vedic Multiplier	Alochana chakra journal-UGC Care,2231-3990volume-IX,ISUE VI,June -2020



Faculty Corner

Workshops/Seminars/FDPs attended by Faculty

S.No	Name of the Faculty	Name of the Workshop	Host institution	Date
1.	Dr. E.Kusuma Kumari	Fundamentals of Analog Electronics	Kakatiya Institute of technology and Science, Warangal	01-06-2020
2.	Dr. E.Kusuma Kumari	Microstrip Antenna Design Fundamentals and Practical Implementation of Triple-Band Antenna for wireless Applications using ANSYS HFSS	Department of ECE, RISE Krishna Sai Gandhi Group of Institutions, Ongole.	04-06-2020 to 06-06-2020
3.	Dr. E.Kusuma Kumari	The BodhiTree and SAFE Tools for Effective Online Teaching: A Hands-On Workshop	Teaching Learning Centre (ICT) at IIT Bombay, funded by the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT), MHRD, Govt. of India	21-06-2020
4.	Dr. E.Kusuma Kumari	Managing References in a Research Article using Mendeley	Vishnu Institute of Technology, Bhimavaram	26-06-2020
5.	Dr. E.Kusuma Kumari	Design and Simulation of Miniature Antenna for IoT Applications	MVGR College Engineering (A), Vizaianagaram.	29-06-2020 to 04-07-2020
6.	Dr. E.Kusuma Kumari	Antenna Design Techniques and Software Simulations using HFSS	Electronics and Communication Engineering Department, NITTTR, Chandigarh	13-07-2020 to 17-07-2020
7.	Dr. E.Kusuma Kumari	Basic MAT LAB Programming	IEEE Communication society Student Chapter, Department of Electronics and Communication Engineering, Sreenidhi Institute of Science & Technology	14-07-2020 to 18-07-2020
8.	Dr. E.Kusuma Kumari	Metamaterial & its Applications	IEEE Delhi Section Antenna & Propagation Society (APS) Chapter – Jaipur in association with IEEE Rajasthan Subsection, Malaviya National Institute of Technology Jaipur and Govt. Women Engineering College, Ajmer.	27-07-2020 to 31-07-2020



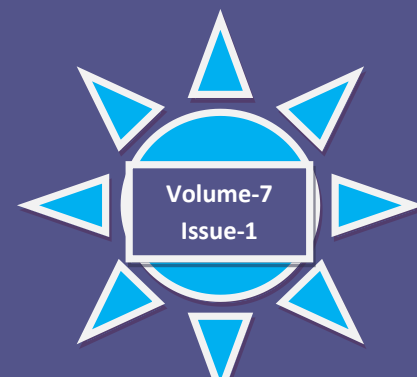
Faculty Corner

S.No	Name of the Faculty	Name of the Workshop	Host institution	Date
9.	Dr. E.Kusuma Kumari	Phased Array Antennas: System Engineering Perspective	IEEE Bangalore Section and its AP-MTT	31-07-2020
10.	Dr. E.Kusuma Kumari	Next Generation Antenna	IETE Gwalior & Bhopal, IEEE M.P. Subsection and institution of Engineers (India) Gwalior	02-08-2020
11.	Dr. E.Kusuma Kumari	Massive MIMO and Millimeter MIMO Technologies for 5G Networks	Erode Sengunthar Engineering College	17-08-2020 to 29-08-2020
12.	Dr Purnima K Sharma	Skill Enhancement using Free & Open Software Tools	AISSMS College of engineering	15-06-2020 to 19-06-2020
13.	Dr Purnima K Sharma	Online Learning and Assessment System		18-06-2020 to 22-06-2020
14.	Dr Purnima K Sharma	Trends in Electronics & Communication Engineering	SVEC, tadepalligudem	22-06-2020 to 26-06-2020
15.	Dr Purnima K Sharma	Effective and efficient writing of research papers for web of science, Scopus indexed journal and Conference papers using Typeset Research Studio		01-07-2020
16.	Dr Purnima K Sharma	"Learning Management System "	SIDDHARTHA INSTITUTE OF ENGINEERING AND TECHNOLOGY, JNTUH	08-07-2020 to 09-07-2020
17.	Dr Purnima K Sharma	Numerical Electromagnetics - Modeling and Simulation	Annapurna engineering college, tamilnadu	11-07-2020
18.	Dr Purnima K Sharma	Developing Creativity and innovation culture in institutions	NITTTR, Chandigarh	20-07-2020 to 24-07-2020
19.	Dr.S.Murugan	Webminar on Microstrip design fundamentals and practical implementation of Triple band antenna for 5G wireless applications	Rise Krishna Sai Gandhi group of Institutions	4-6-2020 to 6-6-2020
20.	Dr.S.Murugan	International FDP on " Enhancing quality of academic and Sponsored research	K.L.N.College of Engineering, Pottapalayam, TN	4-6-2020 to 6-6-2020
21.	Dr.S.Murugan	International webminar on Towards Ubiquitous Millimeter wave networks and applications	P.V.P.Siddhartha Institute of Technology	26-08-2020



Faculty Corner

S.No	Name of the Faculty	Name of the Workshop	Host institution	Date
22.	T V N L Aswini	National Level Quiz on NBA	Padmabhushan Vasantdada Patil Pratishthan's College of Engineering, Mumbai-22	06-06-2020
23.	M Vinodkumar	"OPEN SOURCE TOOLS& soft for ONLINE TEACHING	RISE Krishna Sai Gandhi group of Institutions	08-6-2020-9-6-2020
24.	S V V SATYANARAYANA	Recent trends in Computer Architecture, VLSI and Embedded Systems	Gokaraju Rangaraju Institute of Engineering and Technology	8-6-2020 to 13-06-2020
25.	S V V SATYANARAYANA	Trends in Electronics & Communication Engineering	Sri vasavi Engineering College	22-6-2020 to 26-6-2020
26.	S V V SATYANARAYANA	How to improve technical skills	Sri vasavi Engineering College	26-06-20
27.	S V V SATYANARAYANA	National Work shop on technical writing and presentation with latex	VIT, University Vellore	29-8-2020 to 30-08-2020
28.	A R S BALAJI	"The Future Technology Stack- AI ,ML & NLP"	SAI SPURTHI INSTITUTE OF TECHNOLOGY (KHAMMAM)	08-06-2020 to 10-06-2020
29.	A R S BALAJI	Applied machine learning & Deep Learning	ANDRA PRADESH STATE SKILL DEVOLEPMENT CORPORATION(APPSSDC)	15-06-2020 to 20-06-2020
30.	A R S BALAJI	NATIONAL LEVEL ONLINE 5 DAYS FDP ON "MACHINE LEARNING AND RESEARCH OPPURTUNITIES"	SAPTAGIRI COLLEGE OF ENGINEERING AND TECHNOLOGY(BENGALURU)	15-06-2020 to 19-06-2020
31.	A R S BALAJI	SIX-DAY ONLINE FACULTY DEVELOPMENT PROGRAM ON "OUTCOME BASED EDUCATION"	Sri vasavi Engineering College(Autonomous)	07-07-2020 to 13-07-2020
32.	Dr.M.Thamarai	FDP on MATLAB and Simulink in Engineering Education	APSSDC in Association with Capricot& Mathworks	10-6-2020 to 11-6-2020
33.	Dr.M.Thamarai	One week FDP on Applied Machine Learning and Deep Learning	APSSDC in Association with Redpine Signals	15-6-2020 to 20-6-2020
34.	Dr.M.Thamarai	Five Day certification program on Partial Reconfiguration on Xilinx FPGA/Zync SoC using Xilinx Vivado	Apply voltage technologies, Bangalore	20-6-2020 to 24-6-2020
35.	Dr.M.Thamarai	FDP on Research Insights zones in Machine learning	Department of CSE, SVEC	25-6-2020 to 27-6-2020



Faculty Corner

S.No	Name of the Faculty	Name of the Workshop	Host institution	Date
36.	Dr.M.Thamarai	Paper presented on An Autonomous Playground cleaning system using Arduino in ICSMEC conference	Saint Martin's Engineering College, Secundrabad	29-6-2020 to 30-6-2020
37.	Dr.M.Thamarai	Paper presented on Brain tumor classification using CNN Transfer Learning in ICSMEC conference	Saint Martin's Engineering College, Secundrabad	29-6-2020 to 30-6-2020
38.	Dr.M.Thamarai	FDP on Machine Learning with Deployment	ECE department, SVEC in association with skill to hire	3-7-2020 to 5-7-2020
39.	Dr.M.Thamarai	Webinar on Image processing based Diagonosis of Covid-19	CSE department, Adikavi Narayana University	07-07-20
40.	Dr.M.Thamarai	Workshop on Learning Management System	skill to hire in association with Sidhartha Institute of Engineering and Technology	8-7-2020 to 9-7-2020
41.	Dr.M.Thamarai	5 days FDP on Deep Learning unfolded 2020	KPR institute of Engineering and technology, Coimbatore	13-7-2020 to 17-7-2020
42.	Dr.M.Thamarai	Quiz certificate on Deep Learning unfolded 2020	KPR institute of Engineering and technology, Coimbatore	17-07-20
43.	Dr.M.Thamarai	Webinar on Building and Deploying Machine Learning pipelines in the cloud	SSN college of Engineering, Chennai	18-07-20
44.	Dr.M.Thamarai	Webinar on Artificial Intelligence - Life Sciences & Pharma Sector	Sri Vasavi Institiute of Pharamedical Sciences in association with 360 Digi TMA	30-07-20
45.	Ms.Y.Y.S.Manogna	Recent trends in Computer Architecture, VLSI and Embedded Systems	Gokaraju Rangaraju Institute of Engineering and Technology	8-6-2020 to 13-06-2020
46.	Kishore Kumar M	FDP on Accelerating Research	Lendi Institute of Engineering & Technology Jonnada, Vizianagaram	27-08-2020 to 29-08-2020
47.	Kishore Kumar M	Paper presented on Design and Analysis of Compact Array Antenna for Satellite Applications at Ka band Frequency, Internatinal conferenc	international conference on RTIETAM, sreayas institute of Engg & Technology HYD	20-06- 2020
48.	Kishore Kumar M	How to improve technical skills	Sri vasavi Engineering College	6-06-2020
49.	Kishore Kumar M	Leadership in Times of Crisis by Dr. Himanshu, director-IIM	IIM, Indore	



Faculty Corner

S.No	Name of the Faculty	Name of the Workshop	Host institution	Date
50.	M Kishore Kumar	5 Days FDP on national level online FDP Trends in Electronics & Communication Engineering	Sri Vasavi Engineering College (Autonomous),Tadepalligudem	22.06.2020 to 26.06.2020
51.	M Kishore Kumar	Webinar Awareness on mental health and stress level during covid -19 lock down period quiz	NSS Unit of QIS College of pharmacy, ongole, AP	08-06-20
52.	Tota Sreenivas	Technical Quiz on 'EM Fields & Antenna Applications'	RISE Krishna Sai Group of Institutions	07-10-20
53.	Tota Sreenivas	Technical Quiz on 'Control Systems'	Nalla Narsimha Reddy Group of Institutios, Hyderabad	13-07-20
54.	Tota Sreenivas	Two Day online work shop non-teaching lab assistants on "understanding Arduino with Real time Projects"	Sri vasavi Engineering College(Autonomous)	19-06-20
55.	Tota Sreenivas	International Quiz on E-Learning	Bharat Institute of Engineering & Technology	21-06-20
56.	Tota Sreenivas	Emerging Trends in ECE	Nalla Malla Reddy Engineering College, Hyderabad	05-06-2020 to 10-06-2020
57.	M SubbaRao	matlab and simulink engineering education	APSSDC	10-06-2020 to 11-06-2020
58.	M SubbaRao	Innovative Trends in Data Analysis with AI	Department of ECE Malineni laxmaiah womens Engineering college,Guntur	26-06-202 to 30-06-2020
59.	M SubbaRao	"Quiz on Analog Electronics"	Department of ECE , GMR Institute of Technology	10-06-20
60.	M SubbaRao	Webnor on 'how to improve teaching skills	Department of ECE svec,tadepalligudem	06-06-20
61.	G V Subrahmanyam	Embeded Systems	APSSDC	25-05-2020 to 06-06-2020



Faculty Corner

S.No	Name of the Faculty	Name of the Workshop	Host institution	Date
62.	G V Subrahmanyam	Advances in Antenna Design Techniques and Simulations using CST Studio Suite	NITTTR, Chandigarh	22-06-2020 to 26-06-2020
63.	G V Subrahmanyam	Antenna Design Techniques and Software Simulations using HFSS	NITTTR, Chandigarh	13-07-2020 to 17-07-2020
64.	G V Subrahmanyam	LaTeX and Desktop Publishing	NITTTR, Chennai	17-08-2020 to 21-08-2020
65.	G V Subrahmanyam	Trends and Challenges in Design and Implementation of Reconfigurable Antennas for Increased Spectrum Access in Cognitive Radio Communication (AICTE Sponsored STTP)	VRSEC, Vijayawada	20-07-2020 to 25-07-2020
66.	G V Subrahmanyam	NBA and NAAC Accreditation Process (AICTE Sponsored STTP)	M S Ramaiah Institute Technology	04-06-2020 to 08-06-2020
67.	G V Subrahmanyam	Internet of Things and Artificial Intelligence Application	K L University	01-06-2020 to 06-06-2020
68.	G V Subrahmanyam	Course outcomes and domains of learning (Webinar)	NITTTR, Bhopal	14-07-2020
69.	G V Subrahmanyam	Assessment of Cos, Pos, and PCOs (Webinar)	NITTTR, Bhopal	21-07-2020
70.	G V Subrahmanyam	Recent Advances in Biomedical Applications and Communication Networks	GMRIT, Rajam	13-07-2020 to 18-07-2020
71.	G V Subrahmanyam	How to Improve Teaching Skills (Webinar)	SVEC, Tadepalligudem	06-06-2020
72.	G V Subrahmanyam	Effective Technical Report Writing Using LaTeX	MGIT, Hyderabad	08-06-2020 to 09-06-2020
73.	G V Subrahmanyam	RF Design/VNA & Its Applications	Entuple & Anritsu	16-06-2020 to 18-06-2020
74.	G V Subrahmanyam	Opportunities and Challenges in Next - Generation Semiconductor Devices	ANITS, Neerukonda	16-06-2020 to 20-06-2020
75.	G V Subrahmanyam	Introduction to Web Development	SVEC, Tadepalligudem in Association with Skill to Hire	17-07-2020 to 19-07-2020
76.	G V Subrahmanyam	Recent Trends on RF & its Applications	IEEE Antena & Propogation Society(APS)Chaptar-Jaipur	26-06-2020 to 30-06-2020



Faculty Corner

S. No	Name of the Faculty	Name of the Workshop	Host institution	Date
77.	G V Subrahmanyam	EM SIMULATION OF RF MODULES & ANTENNAS USING CST STUDIO SUITE	Delhi Technological University, Delhi	08-06-2020 to 09-06-2020
78.	G V Subrahmanyam	Research Methodologies, Tools and Techniques	QIS College of Engineering and Technology, Ongole	08-06-2020 to 12-06-2020
79.	G V Subrahmanyam	Fostering OBE towards Institutional Accreditation (AICTE Sponsored STTP)	Kalasalingam Academy of Research and Education	15-06-2020 to 20-06-2020
80.	G V Subrahmanyam	RF DOMAIN USING ANSYS HFSS (Webinar)	Amritha College of Engg & Technology	12-06-2020
81.	G V Subrahmanyam	How to Improve Teaching Skills (Webinar)	SVEC, Tadepalligudem	06-06-2020
82.	G V Subrahmanyam	Effective Technical Report Writing Using LaTeX	MGIT, Hyderabad	08-06-2020 to 09-06-2020
83.	G V Subrahmanyam	Modern Methods for Teaching - Learning Practices	Krishna University, Machilipatnam	12-05-2020 to 13-05-2020
84.	G V Subrahmanyam	RF Design/VNA & Its Applications	Entuple & Anritsu	16-06-2020 to 18-06-2020
85.	G V Subrahmanyam	Opportunities and Challenges in Next - Generation Semiconductor Devices	ANITS, Neerukonda	16-06-2020 to 20-06-2020
86.	G V Subrahmanyam	Introduction to Web Development	SVEC, Tadepalligudem in Association with Skill to Hire	17-07-2020 to 19-07-2020
87.	G V Subrahmanyam	EM SIMULATION OF RF MODULES & ANTENNAS USING CST STUDIO SUITE	Delhi Technological University, Delhi	08/06/2020 to 09-06-2020
88.	G V Subrahmanyam	Research Methodologies, Tools and Techniques	QIS College of Engineering and Technology, Ongole	08-06-2020 to 12-06-2020
89.	G V Subrahmanyam	Fostering OBE towards Institutional Accreditation (AICTE Sponsored STTP)	Kalasalingam Academy of Research and Education	15-06-2020 to 20-06-2020
90.	G V Subrahmanyam	RF DOMAIN USING ANSYS HFSS (Webinar)	Amritha College of Engg & Technology	12-06-2020
91.	G V Subrahmanyam	Antennas (Webinar)	APSSDC	12-07-2020
92.	G V Subrahmanyam	Digital Image Processing (Webinar)	APSSDC	20-07-2020



STUDENT CORNER

Placements

S. No	Roll No.	Name of the Student	Company	Nature of Drive
1.	17A81A0423	K.K. SITA MAHALAKSHMI	HEXWARE (3.5 Lack)	ON Campus
2.	17A81A0484	K. DURGA TEJA		
3.	17A81A04E9	K.DEEPIKA		
4.	17A81A0409	BOYAPATI MURALIDILIP	TCS (3.36 Lack)	ON Campus
5.	17A81A04D0	BHAVAJ MADEV VARRI		

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CONGRATULATIONS