

Faculty Profile

i. Name of the Faculty	Dr. A. Geetha Devi				
Designation	Associate Professor				
Department	Electronics and Communication Engineering				
Date of Joining the Institution	14.06.2017				
ii. Date of Birth	05.02.1981				
iii. Unique ID Apaar ID Employ ID:	1-3552918871 532172123725 ECE040671				
iv. Education Qualifications	UG	PG	Ph.D	Others	
	B.E.	M.Tech.	Ph.D.	----	
v. Work experience	Teaching	Research		Industry	Others
	20 Years	16 Years		-----	-----
vi. Area of Specialization	Image Processing				
vii. Courses taught at Under Graduate/ Post Graduate Level: Under Graduate/ Post Graduate UG: PTSP, AC, DC, DIP, DSP CMC, WCN, LICA, CN PG : DDC, Cryptography and N/w Security, Coding Theory and Practice					
viii. Research Guidance:	No. of Papers published				
	National Journals	International Journals	National Conferences	International Conferences	
	10	20	04	16	
	Masters	10	Ph.D-NIL.	-----	
ix. Projects carried out		UGC Minor Project Worth Rs.2.2 Laksh. (Submitted)			
x. Patents		3 Patents Published 1. Application No. 202041049557 dated 20/11/2020 2. Application No. 202041053080 dated 25/12/2020 3. Application No. 414422-001 Dated 22/04/2024			
xi. Technology Transfer		Delivered Expert Lecture at Swarnandhra Institute of Technology			
xii. Research Publications		Jounals:35, Conferences:20			
xiii. No. of Books published with details		Book Chapter-1 Title: Hybrid Fusion algorithms for medical applications Publisher: Intech Open, London Published in April 2021			

Book Chapters:

International Journal:

- [1].Geetha Devi Appari, T. V. Hyma Lakshmi, K. Vidya Sagar, Morsa Chaitanya, Sravanthi Kantamaneni, Veera Vasantha Rao Battula, Surya Prasada Rao Borra, "Detection and Classification of Diabetic Retinopathy using YOLO-V8 Deep Learning Methodology", Journal of Theoretical and Applied Information Technology 15th November 2024.. Vol.102. No 21. PP:7580-7588, ISSN: 1992-8645.
- [2].Surya Prasada Rao Borra, Rajesh K Panakala, T.V. Hyma Lakshmi, Raja Sekhar Pittala, D.N.V. Satya Narayana, Gunti Surendra, A. Geetha Devi, "Performance Analysis of Conventional And Deep Learning Image Fusion Methods" Journal of Theoretical and Applied Information Technology 15th December 2024.. Vol.102. No 23. PP:8784-8791, ISSN: 1992-8645.
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- [8].Surya Prasada Rao Borra, A. Geetha Devi, , K. Vidya Sagar, Sumalatha Madugula, Morsa Chaitana, Vutukuri Sarvani Duti Rekh", a, "Novel Design of Volumetric Antenna for Wideband Applications, Journal of Theoretical and Applied Information Technology 15th February 2024. Vol.102. No 3, ISSN: 1992-8645
- [9].A. Geetha Devi, Surya Prasada Rao Borra, D.Hari Krishna, M Raj Kumar Naik, K. Vidya Sagar, Lakshmi Ramani Burra, Implementing Resnet-50 Transfer Learning Model For Diagnosing Oct Images For Detecting And Classifying Dme Abnormalities, Journal of Theoretical and Applied Information Technology Aug.2023. Vol.101. No 15.PP:6024-6042
- [10]. J.Ravindra Babu,, T. [Balaji](#), Borra Surya Prasada Rao [A.G. Devi](#), K.Koteswara Rao Experimental Investigations To Face Recognition Using Opencv For Monitoring Turnout Time, [Journal of Theoretical and Applied Information Technology](#), 2023, 101(11), pp. 4141–4153.

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International Conferences:

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National Conferences:

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Workshops

S.No	Name of the FDP	From DATE	To DATE	Duration	Address	Resource Person Names	Organized By
1	Industrial Applications of Embedded Systems and IOT	22-08-2024	28-08-2024	7 Days	Raja Lakshmi Engineering College	1. Mr.R.Sathish Kumar Associate Tech Manager Accenture Pvt Ltd Chennai 2. Dr.S.Piramasubramanian Associate professor Madras Institute of Technology Anna University Chennai 3. Dr V Nandalal Professor Sri krishna college of Engineering and Technology Coimbatore	Department of ECE in association with IIC, REC and IEEE communication Society, REC
2	One week Online FDP on Semiconductor Devices, Modeling and Circuit Technology : Recent advancements	19-08-2024	24-08-2024	6 Days	Lendi Institue of Engineering and Technology	1. Dr. Chandan kumar Yadav 2. Dr. Y. Ramesh Babau 3. Dr. Niranjan Raj	Lendi Institute of Engineering and Technology
3	NEP2020 orientation & sensitisation program	24-06-2024	02-07-2024	9 Days	Pvp sit	1. Smitha c pawar	Osmania University
4	Practical Implimentations of Artificial Intelligence & IoT in Engineering Solutions	25-01-2024	25-01-2024	1 Days	PVPSIT	1. V.Raman Teja 2. - 3. -	ECE, PVPSIT
5	NOVEL MATERIALS, DEVICES AND APPLICATIONS	11-12-2023	16-12-2023	6 Days	VR Siddhartha Engineering College, Kanuru	1. Akash Ranjan 2. Mrinmoy De 3. Pramod Kumar Tiwari	VR Siddhartha Engineering College
6	Recent Advancements in VLSI Design and Fabrication: From Theory to Practice	04-12-2023	09-12-2023	6 Days	Dhanekula Institute of Engineering & Technology, Ganguru	1. Dr. M. Kama Raju 2. Dr. N. Balaji 3. Dr. Subhakar Reddy	Dept. of ECE, Dhanekula Institute of Engineering & Technology, Ganguru
7	Curriculum workshop	17-11-2023	19-11-2023	3 Days	Effectronics Pvt.Ltd.,Managalagiri	1. Dr. D. Rama Krishna 2. Mr. Bhavani Sankar 3. -	Effectronics Pvt.Ltd.,
8	Accreditation and Outcome Based Learning	21-08-2023	13-10-2023	54 Days	PVPSIT(online)	1. Prof. Anup Kumar Ray(Retd.) 2. Prof. S K. Das Mandal 3. --	NPTEL
9	Trends in	21-08-	25-08-	5 Days	BBDNIIT	1. Prof. Sanjay Kr. Sharma	BABU

	Technological Intelligence 2023 (T2 I-2023)	2023	2023			2. Dr. V. K. Singh 3. --	BANARASI DAS NORTHERN INDIA INSTITUTE OF TECHNOLOGY, LUCKNOW
10	Cloud Infrastructure(AWS)	21-08-2023	25-08-2023	5 Days	PVPSIT	1. Dr.K.Murai 2. -- 3. --	Brainovision Solutions India Pvt Ltd
11	AI/ML and Data Science for Industry 4.0 (Basic Level)	21-08-2023	25-08-2023	5 Days	NITTTR, Chandigargh	1. Er. Amit Doegar 2. Er. Amit Doegar 3. Er. Amit Doegar	NITTTR, Chandigargh
12	Deep Learning in Computer Vision: An End-to-End Pipeline	27-12-2022	31-12-2022	5 Days	VRSEC	1. Dr. Sk.Ahmad 2. Dr.Rajesh 3. Mr.T,Pratap	VRSEC
13	Design and practical aspects of RF devices,MEMS and Antennas for 5G Communications, RADAR and Electronic Warfare	14-12-2022	16-12-2022	3 Days	VRSEC	1. Prem Chand 2. - 3. -	VRSEC
14	Applications of IoT in Mechanical Engineering	14-11-2022	25-11-2022	12 Days	PVPSIT	1. Dr.Debashish Mishra 2. Dr. Sanjeev Rajpooth 3. Dr. Habibulla Khan	PVP SIDDHARTHA Institute of Technology
15	Introduction to Image Processing	17-10-2022	21-10-2022	5 Days	pvpsit	1. Indrajit Saha 2. . 3. .	NITTTR,Kolkata
16	Enhancing Research Capabilities for Academic Career Progression	05-09-2022	09-09-2022	5 Days	PRASAD V POTLURI SIDDHARTHA INSTITUTE OF TECHNOLOGY VIJAYAWADA ANDHRA PRADESH	1. - 2. - 3. -	PRASAD V POTLURI SIDDHARTHA INSTITUTE OF TECHNOLOGY VIJAYAWADA ANDHRA PRADESH
17	Advanced Signal Processing, Communications using AI and ML Techniques	21-03-2022	25-03-2022	5 Days	PVPSIT	1. Dr.V.Jagan Naveen 2. Dr. S. Raja Rajan 3. --	GMRIT and Sri Sai Ram Institute of Technology
18	Trends and challenges in Advanced VLSI System Design,	21-02-2022	26-02-2022	6 Days	PVPSIT	1. Dr.N.Uday Kumar 2. Dr.K.Bala Sinduri 3. --	SRKR Engineering College , Bhimavaram
19	Research trends in Deeplearning and	28-06-2021	30-06-2021	3 Days		1. Dr.Binod Prasad 2. Dr. B. Chandra Mohan	Bapatla Engg., College

	Communication Networks					3. Dr.RipuDaman Singh	
20	Trends and Challenges in Design and Implementation of Reconfigurable Antennas for increased Spectrum Access in Cognitive Radio Communication	24-08-2020	28-08-2020	5 Days		1. Dr.A. Prakasa Rao,NITW 2. Dr.G.RAMA MURTHY,MAHINDRA UNIV, HYDERABAD 3. Er. Samar Sailendra, Scientist at TCS Reasearch& Innovation	VR Siddhartha Engineering College, Vijayawada
21	Two Weeks National level Online STTP (Short Term Training Program) on FUNDAMENTALS of RADAR SIGNAL PROCESSING-1	27-07-2020	11-08-2020	16 Days	RISE Krishna Sai Prakasam Group of Institutions, Ongole	1. Dr. P.Sri Hari, NIT Surathkal	RISE Krishna Sai Prakasam Group of Institutions, Ongole
22	One Week Online Short Term Training Program(STTP-I) On Electromagnetics, Microwave, RF & Antenna Design Using Ansys HFSS	27-07-2020	01-08-2020	6 Days		1. Dr. Vakula, Dr. GSN Raju, Dr. Raghavendra Chowdary	SHRI VISHNU ENGINEERING COLLEGE FOR WOMEN ,Bhimavaram
23	Python Programming for Data Science and Machine Learning	01-07-2020	05-07-2020	5 Days		1. Dr. Mahesh Anand, Founder SCS-India	SCS-India
24	Future Outlooks of Advanced Communications and Signal Processing	25-05-2020	29-05-2020	5 Days		1. Dr B Chandra Mohan 2. M K Vara Prasad Pichuka 3. Dr Pallaviram Sure	Dept of ECE, BEC
25	Modern Research Trends in Communication, Signal Processing and VLSI/MEMS	19-05-2020	23-05-2020	5 Days		1. Dr B Lakshmi 2. Dr Ch Mahesh SN 3. Dr Koushik Guha	Dept of ECE ALIET

26	Tools for ONline Classroom post Covid-19	18-05-2020	20-05-2020	3 Days		1. Dr Pallavi Kumar	Codegnan IT solutions in association with PB Siddhartha College of Arts and Science
27	VLSI Chip Design Hands -on using Open Source EDA	16-12-2019	20-12-2019	5 Days	Sri vasavi Engineering College, Tadepalligudem	1. Mr. Kunal P. Ghosh	IIT Guwahati, IIIT Jabalpur, NIT Patna, MNIT Jaipur
28	Machine Learning for Applications in Language, Vision and Control	25-03-2019	30-03-2019	6 Days	NIT,AP, Andhra Pradesh	1. Dr. Karthik.S 2. Dr.K.Hima Bindu 3.	E&ICT Academy, NIT Warangal
29	NBA Accreditation	22-04-2019	26-04-2019	5Days	PVP siddhartha Institute of Technology	1. Dr. Rayapati SubbaRao	NITTTR, Kolkatta
30	Adobe PhotoShop	19-08-2019	26-08-2019	8Days	PVPSIT	1. Mr. Raghuvaran	PVPSIT
31	Water Pollution and Health	21-10-2019	25-10-2019	5Days	PVPSIT	1. Dr.Sailendranath Mandal	NITTTR, Kolkatta
32	Deep Learning using Python with Keras-Tensorflow	01-07-2020	05-07-2020	5Days		1. Dr. Mahesh Anand, Founder SCS-India	SCS-India
33	Problem Solving with PYTHON	09-08-2021	13-08-2021	5Days		1. Kinshuk Giri	ICT Kolkatta

34	essentials of OBE	26-07-2021	30-07-2021	5Days		1. Habiba Hussian 2. Rayapati Subba Rao 3.	NITTTR, KOLKATTA
35	RESEARCH PAPER AND PROPOSAL WRITING FOR SCIENCE AND ENGINEERING	31-01-2022	04-02-2022	5Days	NITTTR,Bhopal	1. Deepak Singh 2. Deepak Singh 3. Deepak Singh	NITTTR,Bhopal
36	Fundamentals of Data Security	25-07-2022	29-07-2022	5Days	PVPSIT	1. Dr. Indrajit Saha 2. Dr. Indrajit Saha 3. Dr. Indrajit Saha	NITTTR,Kolkata
37	Designing and Modelling of IoT , AI& ML Systems	01-08-2022	05-08-2022	5Days	PVPSIT	1. Suriya Gunasekharan 2. Tim Wilmshurst 3. Dr. Rajesh M	AICTE