



Sri SAI RAM INSTITUTE OF TECHNOLOGY


An Autonomous Institution | Affiliated to Anna University & Approved by AICTE, New Delhi

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Sai Leo Nagar, West Tambaram, Chennai - 600 044. www.sairamit.edu.in



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Name : Ms. P S ARTHY	Photo: 
Designation	Assistant Professor
Qualification	M.E.
Area of Specialization	VLSI Design
Experience	UG : 08.3yrs PG: Nil
	Industrial Experience : NIL
No of papers Published in Journals	7
No. of workshop / Conferences / FDP attended	Workshops & FDP : 15 International Conference :3 National Conference : 2
No. of workshop / Conferences / FDP organized	Workshops: NIL Webinar: NIL FDP:NIL International Conferences: NIL National Conferences : NIL
No.of Funded Projects, Patents	NIL, 1 Patent
No.of Research Guidance	NIL
Membership in Professional Bodies	NIL
Any other Achievements	

PROFESSIONAL EXPERIENCE:

S.No	Organization	Post Held	Number of Years	From	To
1.	PRIST University	Lecturer	1.2	01.07.2009	01.09.2010
2.	Srinivasa Institute of Engineering & Technology	Assistant professor	0.9	27.11.2012	06.09.2013
3.	Vel Tech Multitech Dr.Rangarajan Dr.Sakunthala Engineering College	Assistant Professor	6.3	15.02.2016	03.06.2022
4.	Sri Sairam Institute of Technology	Assistant Professor	0.4	13.06.2022	Till date

FACULTY ACHIEVEMENTS:

Publications	Journals
	<ol style="list-style-type: none">1. Arthy P S, Dr.S.Manjula, "Design and implementation of control system 6-UPS medical robot based on FPGA." in Int. journal of pure and applied Mathematics pg:77-80 vol 117, 2017, 1314-33952. Babisha John Babu, M.Ishwarya, R.Deepa, P.S.Arthy "Smart Control of Home Appliances Using Microwave Radar." in Int. journal of pure and applied Mathematics, pg:861-867, Vol 119, 2018, 1314-33953. Nithya.P, Arthy.P.S, Prabhu Kumar.S "Cell-Free DNA Pattern Identification and its Classification

		<p>using Convolution Neural Network.” in Int. Journal of Innovative Technology and Exploring Engineering (IJITEE), Volume-9, 2019, 2278-3075</p> <p>4. Arthy P S Dr.A Kavitha, “Review and Analysis On Various Methods For Image Deblurring” AIP AIP Conference Proceedings 2393, 020177 (2022), https://doi.org/10.1063/5.0074143.</p> <p>5. “A simulation modelling approach for the multi-agent system in Smart grid infrastructure”, in Journal of Interconnection Networks accepted for publishing 2021.</p> <p>6. “Improving the quality of Digital Images using Image Processing Techniques” in IJMEI accepted for publishing in 2022.</p>
	Books / Book Chapters / Monographs	-
	Online Courses	Nptel Completed Digital Circuits from Nptel in 2018 in Elite.
	Conferences	<p>International Conference</p> <p>1. “Smart Control of Home Appliances using Microwave Radar”, ICSEMR 2018 organised by VEL TECH MULTI TECH Dr.RR Dr.SR Engineering College, Chennai.</p> <p>2. “Review and Analysis On Various Methods For Image Deblurring”, ICRACIA 2021, organised by M.Kumarasamy College of Engineering on 31.03.2021 & 01.04.2021.</p> <p>3. “V-I characterization and modelling of GaN HEMT” ICRACIA 2021, organised by M.Kumarasamy College of Engineering on 31.03.2021 & 01.04.2021.</p>

		<p>National Conference</p> <p>1. Presented a paper on “Green computing and conservation of energy “ in the national conference NCDC'2018 at RMKEC.</p> <p>2. Presented a paper on “Solar powered ultra-cane using DGPS system” at National conference on NTBEECOM 2017 at Vel Tech Multitech Dr.RR Dr.SR Engineering College.</p>
Events organized		
Events attended		<ol style="list-style-type: none"> 1. Attended one day FDP on “VLSI Design” on 22.12.2017 at Vel Tech Multitech Dr.RR Dr.DR Engineering College. 2. Attended one week FDP on “Inculcating Universal Human Values in Technical Education” AICTE online. 3. Attended one day Seminar “Publish or Perish” at Saveetha Engineering College in 2018. 4. Attended seminar on “Robotics Process Automation and its allied Machine Learning Techniques” in 2020 at VELS Institute of Science and Technology. 5. Attended Seminar on ” Industry 4.0 and AI Based Robotics for Smart Manufacturing Industries” on 2020 at Sree Sastha Engineering college. 6. Attended webinar on “Introduction to MATLAB with image processing toolbox” on 2021

	organised by Photonics.
Awards Received	Best Project Guided award for The Year 2022 from IETE Chennai Centre.
Details on Funded Projects	Nil
Details on Thesis	Nil
Details on Research Guidance	Nil
Details of Patents	Published a patent on “Determination Of Water Stress on Crops Using Thermal Images” 201741025064, 14.07.2017.