

Name:	<div style="text-align: center;">  RASHMI A </div>		
Designation:	ASSISTANT PROFESSOR GRADE III		
Qualification:	M.E,		
Area of specialization:	APPLIED ELECTRONICS		
Experience: (As of Aug 2025)	Industrial Experience		Teaching Experience
	-		5.2 years
Number of workshops / FDP attended:	Number of Workshops		Number of FDPs
	8		21
Publications:	Conference		Journal
	National	International	National
	International	-	
Patents:	National		International
	-		-
Professional Body Membership:	1. IEEE -Member Number-97927571 2. International Association of Engineers(IAENG) Member Number-225911		

Staff Achievements:	<ol style="list-style-type: none"> 1. No of completed NPTEL Courses:9 2. No of completed Online Courses: 2 3. No of completed NITTTR courses: 8 			
Workshop Details:	Sl. No.	Title	Venue	Month/Year
	1	Work shop on mentor graphics	CEG CAMPUS,ANNA UNIVERSITY	September 2018
	2	Work shop on hands on training of intellisuite a complete solution for mems	Amrita School of Engineering, Coimbatore.	16.12.2016-17.12.2016
	3	Three days workshop on “Research and Development Activities	Sri Sairam Engineering College, Chennai	28-12-2020 - 30-12-2020
	4	One day workshop on “Orange data Mining Tool”	Sri Sairam Engineering College, Chennai	15-05-2021
	5	Workshop on “ Tinker your ideas to the next level”	Sri Sairam Engineering College, Chennai	22-05-2021
	6	Two days virtual Workshop on “Art of Research”	Sri Sairam Engineering College, Chennai	23.08.2021 - 24.08.2021
	7	VLSI to System Design: Silicon to End Application	AICTE ATAL Academy ,Arm Education and STMicroelectronics	31 July,2023 to 4 August 2023

	8.	Mastering Microsoft Excel 365(50+ formulas)	Velammal Training Institute	June 19 2024 to June 21 2024
FDP Details:	Sl. No.	Title	Venue	Month /Year
	1	Artificial Intelligence on Robotics	Sri Sairam Engineering College, Chennai.	07.12.2 020 - 11.12.2 020
	2	FPGA based Digital system design with HDL (Phase 1)	Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engineering College	25-01-2 021 - 30-01-2 021
	3	FPGA based Digital system design with HDL (Phase II)	Vel Tech Multi Tech Dr.Rangarajan Dr.Sakunthala Engineering College	08-02-2 021 - 13-02-2 021
	4	Inculcating Universal Human Values in Technical Education (An AICTE Initiative)	AICTE	03.05.2 021 - 07.05.2 021
	5	ATAL FDP on “Cognitive Radio, Antennas & Millimeter wave Communication”	Saranathan College of Engineering	07.06.2 021 - 11.06.2 021
	6	Advances in photonics and Fiber optics Technologies	IETE Chennai centre & IEEE photonics society madras chapter	21.06.2 021 - 22.06.2 021
	7	Fiber Optics and Optoelectronics Technology	IIITDM, Kancheepuram.	03.02.2 022- 08.02.2 022

	8	Lab on chip (online)	S.R.M institute of science and technology	January 2021
	9	Smart Cities(online)	Vellore Institute of Technology	February 2021
	10	Precision on health technology	Thiyagarajar College of engineering	Dec 2020
	11	Advances in VLSI, Embedded and Signal Processing	Sri Sai Ram Engineering College	June 2021
	12	Six Sigma for industrial projects	Sri Sairam Engineering college	May 2021
	13	Signal Processing Systems & Optical Communication	All India Council for Technical Education(AICTE)	August, 2021
	14	Deep learning and its application. Image, Audio, & Video Processing for Pattern Recognition	IEEE Signal Processing Society Madras Chapter in association with Department of Electronics and Communication Engineering, Kumaraguru College of Technology, Coimbatore	23 to 28 June 2022.
	15	Introduction to interInternet of Things	NPTEL- All India Council for Technical Education(AICTE) funded by MoE Govt of India	July-Oct 2022

	16	Recent Trends in 5G Communication Networks	Sri SaiRam Engineering College IEEE Madras Chapter	26 Dec 2022 to 30 Dec 2022
	17	Optical Signal Processing for communication, Computing and sensing	IEEE SPS Seasonal School in Sri Sairam Engineering College	6-10 march 2023
	18	Quantum Computing and its future scopes	Sri Sairam Engineering College	18 Dec 2023 to 26 Dec 2023
	19	Clean Energy for Sustainable development	Arjun College of Technology	10 June 2024 to 14 June 2024
	20	Next-Generation Algorithms and Technological Advances	MIT CAMPUS, ANNA UNIVERSITY	6 January 2025 to 11 Jan 2025
	21	Perspective of 6G towards Next Gen Communication	Sri Sairam Engineering College, West Tambaram, Chennai	07.04.2025 to 11.04.2025
Conference Details:	Sl. No.	Title	Venue	Month/Year

	1	<p>Title: SMART ATTENDANCE SYSTEM USING RFID AND FACE ID</p> <p>Conf Name: International Conference on Communication computing & Internet of Things (IC3IoT-2022)</p>	Sri Sairam Engineering College, Chennai	10.03.2022-11.03.2022
	2	<p>Title: Mapping the surface water using Convolution Neural Networks for Remote sensing Technology</p> <p>Conf Name: International Conference on Communication computing & Internet of Things (IC3IoT-2022)</p>	Sri Sairam Engineering College, Chennai	10.03.2022-11.03.2022
	3	<p>FPGA based implementation of Surface water mapping Using Discrete Wavelet Transform</p> <p>“Materials, Manufacturing, Robotics, Automation, Artificial Intelligence and Networking for Industry 5.0” (ICM RAIN-2021)</p>	Excel Engineering College	

	4	Vehicle License plate recognition system	National Engineering College	Dec 2021
	5	TITLE: A compact Medikit health monitoring device	Sri Sai Ram Engineering College	Feb 2022
	6	Smart trolley Pro	Sri Sairam Engineering College, Chennai	14 and 15 Dec 2023
	7	Usage of millimeter wave signal propagation for outdoor communication	Sri Sairam Engineering College, Chennai	14 and 15 Dec 2023
	8	Deep Learning Based Tennis Shot Type Prediction Using Gait Analysis	Sri Sairam Engineering College, Chennai	14 and 15 Dec 2023
	9	Grouping Based Wrong Way Vehicle Detection	Sri Sairam Engineering College, Chennai	14 and 15 Dec 2023
	10	Brain Tumor Classification Using CNNs	Sri Sairam Engineering College, Chennai	2024

	11	deciBStudio – An Interactive Learning Tool Development using Generative-AI for Engineering	DMIHER	2025
	12	VISIBLE LIGHT TRANSMISSION IN A BIOMETRIC CARDLESS ATM TRANSACTION WITH A SECURITY SYSTEM	IC3IOT	2024

Journal Details:	Sl. No.	Title	Journal Name	Volume/Date
	1	GRADING AND QUALITY ANALYSIS OF RICE AND GRAINS USING DIGITAL IMAGE PROCESSING	International Journal of Engineering Technology and Management Sciences	Volume No.6 July – 2022.

	2	Automatic Face Detection Security Lock	Journal of Scientific computing	Vol:10, Issue:8, August 2021
	3	RFID based parking system	Compliance Engineering Journal	Vol:12, Issue:8, 2021
	4	Implementation of Block Truncation Algorithm	i-Manager's journal on Software engineering (ISSN-0973-5151)	VOL 15 NO 2 Oct -Dec 2020
	5	Intelligently Optimized Driving test using IoT	Compliance Engineering An UGC-CARE Approved Group II journal (ISSN NO-0898-3577)	VOL 14 ISSUE 9 Aug 2023
	6	Truncated Microstrip patch array antenna for radar applications	Compliance Engineering An UGC-CARE Approved Group II journal (ISSN NO-0898-3577)	VOL 14 ISSUE 10 Oct2023
	7	Intelligent Encoding through OCDM for High Capacity and Connectivity in Wireless 5G and Beyond Networks	https://hal.science/hal-04224877 Submitted on 3 Oct 2023	

Patent Details	Sl. No.	Title	Date of application	Date of Publication
	1	SMART FLOW NEXUS HYPERSWIFT - A SECURE WEB-BASED FRAMEWORK FOR INTELLIGENT EMERGENCY RESPONSE AND DYNAMIC TRAFFIC SIGNAL CLEARANCE	07/10/2025	30/10/2025