

Name:	B.RAJALAKSHMI			
Designation:	AP III			
Qualification:	M.E			
Area of specialization:	APPLIED ELECTRONICS			
Experience : (As On July 2025)	Industrial Experience		Teaching Experience	
	-		13.1yrs	
Number of workshop / FDP attended:	Number of Workshops		Number of FDPs	
	3		11	
Publications:	Conference		Journal	
	National	International	National	International
	1	2	1	1
Patents:	National		International	
	3		-	
Professional Body Membership:	INDIAN SOCIETY FOR TECHNICAL EDUCATION INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS			

Staff Achievements:	1.GUIDED UG PROJECTS and published papers in reputed journals and conference 2.Completed VLSI domain,Advanced Faculty domain in NPTEL.			
Workshop Details:	Sl.No.	Title	Venue	Month/Year
	1.	NATIONAL LEVEL WORKSHOP ON NS2 PIC WORKSHOP	SATHYABAMA UNIVERSITY	AUG 2010
	2.		AMRITHA UNIVERSITY	FEB/2009
	3	SCILAB AND APPLICATION	RAJIV GANDHI INSTITUTE ,MUMBAI	JAN 2012
	4.	VLSI AND EMBEDDED SYSTEM	Fr. RODRIGUES INSTITUTE OF TECHNOLOGY	JULY 2013
FDP Details:	Sl.No.	Title	Venue	Month/Year
	1.	HIGH IMPACT TEACHING SKILLS ,WIPRO	YTCEM	FEB 2012
	2.	TEACHING SKILLS AND METHODOLOGIES	SRI SAIRAM ENGG COLLEGE	JUNE 2016
	3.	OPTICAL COMMUNICATION	SRI SAIRAM ENGG COLLEGE	JUNE 2017
	4.	INTERNET OF THINGS	LOYOLA INSTITUTE OF TECHNOLOGY SRI SAIRAM ENGG COLLEGE	NOV 2017

	5.	WIRELESS NETWORK	NPTEL	DEC 2017
	6.	CMOS VLSI PROCESSING	NPTEL	NOV 2018
	7.	EMOTIONAL INTELLIGENT	NPTEL	APR 2019
	8.	ANTENNA DESIGN	NPTEL	APR 2019
	9.	DIGITAL IMAGE PROCESSING	NPTEL	DEC 2019
	10.	Internet of things	NPTEL	Mar 2020
	11.	Soft skills	NPTEL	Mar 2021
	12.	Cloud computing		Nov 2022
Conference Details:	Sl. No.	Title	Venue	Month/Year
	1.	Novel scheme for the extraction of textual data by segmentation of document image using mached filter	Thanthaiperiyar Government institute of technology	Jan,2009
	2.	Novel scheme for Multicue PDE based image segmentation	Vellammal Engineering College	Mar ,2010
	3.	Survey of Multimodal Biometric using Ear and Finger Knuckle image	SRI SAIRAM ENGG COLLEGE	Feb,2018
	4.	A Novel Algorithm with Complexity Reduction for Multimedia Applications using 8-point DCT	SRI SAIRAM ENGG COLLEGE	Mar,2022
	5.	Electronic Nose System for protecting workers in sewage system	JCT	

				Feb,2022
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ADDITIONAL DETAILS

1. Published paper in scopus index journal on the title " DESIGN OF SIGN TO SPEECH CONVERSION SYSTEM WITH AUGMENTED REALITY ASSISTANT" in the month of May 2020.

2. Published paper in Test Engineering and Management in title "Design of sign to speech conversion system with augmented reality assistan"t,2020

3. Published a Book chapter in Futuristic Communication and Network Technologies , Springer "Voltage and Other Parameters Monitoring System Using Smart E-Glass",2022.

4. Published paper in title"Power Generation Using Piezoelectric Material" in International Journal of Recent Advances in Multidisciplinary Topics,2021.

5. Published paper inJournal of Physics: Conference Seriesin title"Performance analysis of multiuser MIMO OFDM systems incorporating feedback delay and feedback error",2021.

6. Published paper in 2022 International Conference on Power, Energy, Control and Transmission Systems (ICPECTS)in title "Sub 6 G Hz Tx-Rx Microstrip antenna for 5 G applications ",2022.

7. Published paper in INTERNATIONAL JOURNAL OF SCIENCE AND INNOVATIVE ENGINEERING & TECHNOLOGY "IOT CONTROLLED LAWNMOWER",2022.

8. Published paper in 2022 International Conference on Communication, Computing and Internet of Things (IC3IoT) title "A Novel Algorithm with Complexity Reduction for Multimedia Applications using 8-point DCT" 2022.

9. Published paper in 2023 Intelligent Computing and Control for Engineering and Business Systems Iccebs 2023 title "Third Eye".

10. Published paper in 2023 2023 Intelligent Computing and Control for Engineering and Business Systems Icccebs 2023 title Eight-Legged Spider Bionic Robot

11. Published paper in International Conference on Power Energy Control and Transmission Systems Harnessing Power and Energy for an Affordable Electrification of India Iccpets 2024 in title “Slotted Microstrip MIMO Antenna for 5g Mobile Applications”

12. Published paper in International Conference on Power Energy Control and Transmission Systems Harnessing Power and Energy for an Affordable Electrification of India Iccpets 2024 in title “A Broadband MIMO Antenna for 5G Application.

13. Published paper in 2025 International Conference on Computing and Communication Technologies Iccct 2025 title “IoT Smart Parking with Android App”.

14. Published paper in 2025 International Conference on Computing and Communication Technologies Iccct 2025 title “Intelligent Surveillance Using Drones for Various Application.