Name:	B.RAJALAKSHMI

Designation:	AP III

Qualification:	M.E

Area of specialization:	APPLIED ELECTRONICS

Experience : (As On May2014)	**Industrial Experience**		**Teaching Experience**	
	-		10.7yrs	

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**
	2	-

Professional Body Membership:	INDIAN SOCIETY FOR TECHNICAL EDUCATION

Staff Achievements:	1.GUIDED UG PROJECTS			
Workshop Details:	**Sl.No.**	**Title**	**Venue**	**Month/Year**
	1.	NATIONAL LEVEL WORKSHOP ON NS2	SATHYABAMA UNIVERSITY	AUG 2010
	2.	PIC WORKSHOP	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

	Sl. No.	Title	Venue	Month/Year
	4.	INTERNET OF THINGS	LOYOLA INSTITUTE OF TECHNOLOGY	NOV 2017
	5.	WIRELESS NETWORK	SRI SAIRAM ENGG COLLEGE	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	NPTEL	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	SRI SAIRAM ENGG COLLEGE	**Feb,2018**

		and Finger Knuckle image		
	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**

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 in Journal of Physics: Conference Seriesin title"Performance analysis of multiuser MIMO OFDM systems incorporating feedback delay and feedback error",2021.

6. Published paper in Telecommunications and Radio Engineering journal in title "DESIGN AND ANALYSIS OF FOUR-ELEMENT MULTISLOTTED RECTANGULAR PATCH ANTENNA WITH DEFECTED GROUND STRUCTURE FOR MIMO COMMUNICATION",2022.

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