Name: A R RAJINI	
Designation:	Professor
Qualification:	M.S Ph.D (Pursuing)
Area of specialization:	ANTENNAS

Experience : (As on May 2019)	Industrial Experience		Teaching Experience	
	--		33+ Years	

Number of workshop / FDP organized:	Workshops		STTP / FDPs	Conferences
	12		4	7

Number of workshop / FDP attended:	13		11	15

Publications:	Conference		Journal	
	National	**International**	**National**	**International**
	11	7	-	6

Professional Body Membership:	IEEE, IETE, ISTE, BES
Staff Achievements:	o Lions Club of Madras Metropolitan South, on the occasion of Teacher"s day celebration 2006.

EXPERIENCE: ACADEMIC

S.No.	Name and Address of the Institution	Designation	Period of Experience
1	Sri Sai Ram engineering college, Sai Leo Nagar, West Tambaram, Chennai - 600044.	Professor	August 2005 to till Date
		Asst Prof	4 Yrs (June 1998 to July 2005)
		Lecturer	1 Yr (August 1997 to May 1998)
2	A M A College of Engineering	Lecturer	8 yrs 1 month (July 1989 – August 1997)

WORKSHOP / FDP / CONFERENCE ORGANIZED:

	Sl. No.	Title	Month/Year
Workshop	1	VLSI Design & Embedded System Technologies	26th to 28th July '02
	2	Fiber Optic Communication	27th & 28th Nov '03
	3	Networks& Security	22nd Sep '06
	4	MATLAB and its Applications	26th to 29th July '07
	5	Recent Trends in Wireless Information Network & Systems	1st Feb '08
	6	Getting Started with MATLAB	30th June to 3rd July '08
	7	Wireless Communication & Radiating Systems	21st & 22nd March 2011
	8	Recent Trends in Antennas for Multifield Applications	27th & 28th Dec '12
	9	Emerging Trends and Future perspective in Image processing and Computer vision	22nd to 23rd September 2015
	10	Science of EMI	24th Sep 2015
	11	Healthy Long Life for Senior Citizens	31st Aug & 1st Sep 2017
	12	Emerging Trends and Future Perspective on Image Processing & Computer Vision	3rd to 5th January 2018.
FDP	1	Recent Trends and Research Issues in Wireless Communication	3rd to 8th August 2015
	2	Embedded and Real Time Systems	6th June to 13th June 2016
	3	Optical Communication and Networks	31st May to 6th June 2017
	4	Online - Six Day FDTP on CS8082-Machine Learning Techniques	7th June to 12th June 2021

	Sl. No.	Title	Month/Year
Conferences	1	International Conference on Computers, Controls & Communication	20th to 22nd Aug 2004
	2	National Conference on Biomedical Electronics and Biomedical Informatics	Feb 5th & 6th „09.
	3	National Conference on Emerging Trends in Communication and Information Technology	1st March 2012 & 2nd March 2012.
	4	National Conference on Advanced Communication & Computing Techniques	18th March 2013
	5	National Conference on "Advanced Communication and Computing Techniques	11th April 2014
	6	International Conference on Wireless & Broadband Technologies (in Association with ICT Academy of Tamil Nadu, Co-Sponsored by ISRO, Bengaluru.)	on 23rd and 24thJune, 2016
	7	IEEE Conference on Communication, Computing and Internet of Things (IC3IoT"2018)	15th to 17th February 2018.

WORKSHOP / FDP / CONFERENCES ATTENDED:

o 3 Day Seminar cum Workshop on VLSI Design and Embedded System Technology at Sri Sairam Engineering College from 26th–28th July 2002.

o Training program on "Internal Quality Auditor" at Sri Sairam Engineering College on 10th May 2003.

o Short term course on "Multimedia Systems" at IISc, Bangalore from 23rd to 30th Oct 2003

o Workshop on "Fiber Optic Communication" at Sri Sairam Engg. College – 27 & 28 Nov"03.

o Workshop on "Direct to Home Technologies" conducted by Broadcast

Engineering society on 9th July 2004.

- o Seminar on "Broadcasting Emerging Technologies in mobile world" on 8.9.06 organized by Broadcasting Emerging society Chennai chapter.

- o Workshop on "Networks & Security" conducted at Dept of ECE, Sri Sairam Engineering College and Benchmark on 22.9.06.

- o Workshop on "Emerging Trends in VLSI and ASIC Designs" conducted at Dept of ECE, Anna University. April 07.2007.

- o Workshop on Getting started with MATLAB- Organized by Raghuram Associates held at Sri Sairam Engineering College- June 30th – July 3rd „08

- o Staff development Program on "Instructional Design & Delivery" at Sri Sairam Engg. College – 8th & 9th Jan"09.

- o Seminar on "Broadcasting in Digital Era on 26.09.2009 organized by Broadcasting Emerging society Chennai chapter.

- o Seminar on " Advanced Technologies in Wireless Communications", on 19th Sep"09, organized by Institution of engineers(I) at Anna University.

- o Workshop on Getting started with MATLAB- Organized by Raghuram Associates held at Sri Sairam Engineering College- June 30th – July 3rd „08

- o Seminar on "Broadcasting in Digital Era on 26.09.2009 organized by Broadcasting Emerging society Chennai chapter.

- o FDP on "Robotics- An Application in Medical Science" from 2020-12-1 to 2020-12-5 at Maulana Azad National Institute of Technology, Bhopal.

- o Short Term Training Program on „Information Security and Digital Forensics" organized from 14th December 2020 to 19th December 2020 by Department of Computer Engineering, Army Institute of Technology, Pune

- o FDP on "Artificial Intelligence" from 2020-12-7 to 2020-12- 11 at Sri Sairam Engineering College.

- o FDP on "Photonics" from 2020-11-3 to 2020-11-7 at Indian Institute of Information Technology Ranchi.

- o Antenna Design for Consumer Electronics using CST 2021-04-17 to 2021-04-30

- 5 Day online FDP on Inculcating Universal Human Values in Technical Education 2021-05-17 to 2021-05-21

- AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "Artificial intelligence in Electronic Design Automation" from 09/08/2021 to 13/08/2021

- 3 Days Examination reforms on online mode from 08/07/2021 to 10/07/2021

- AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "6G Wireless Communication" from 20/12/2021 to 24/12/2021

- 5 - Day Face - to - Face UHV - II FDP from 26/07/2022 to 30/07/2022

Publications :

National Conferences:

S. No	Title	Venue / Date
1	Optical Vector Signal Generation (SSB) using EDFA.	Easwari Engg. College, Chennai.,March ,,2010
2	An approach to wireless service system using WDM-ROF-PON technology	Velammal Engg.College,Chennai, March 2011
3	A novel WDM-ROF-PON architecture for wireless service	IETE Chennai centre & Prathyusha Institute of Tech ,March 2011
4	Design of a novel WDM-ROF-PON architecture for wireless service	Anna university of Technology, Trichy March 2011
5	An approach to bidirectional transmission system using WDM-ROF-PON technology	Sri SaiRam Engg college, Chennai , 29.4.11
6	Design and Simulation of Planar Meandered Dipole Antenna	K.S.R College of Engineering, Tiruchengode
7	Design and Simulation of UWB Dielectric Resonator Antenna in Different Geometrics	K.S.R College of Engineering, Tiruchengode
8	Efficient channel- Adaptive MIMO Detection scheme	RMK Engineering College, 21.4.12
9	Swarmbots: Autonomous Collaborative MultiRobotcolor map exploration for first- responder and military operations	Bannari Amman Institute of Technology 23.2.12

S.No	Title	Venue / Date
10	Electronically Tunable Diplexer with C-slot Microstrip Antenna for WiMax Front-end Modules	R.M.D Engineering College
11	Implementation of an Electronically Tunable Diplexer Integrated wityh a Dual Band Microstrip Antenna for WiMAX Transceivers	National Conference on Digital Convergence

Inter National Conference

S. No	Title	Venue / Date
1.	Comparison of Optical Vector Signal Generation with oSSB Technique using Duo-Binary Modulation, oSSB Technique using EDFA and oVSB format based on SPM effect without using SOA.	Italy, May 2010
2.	Telecare system using cable TV Network.	Sri Sairam Engg. College. / Aug-2004.
3.	Mapping of 40 MHz MIMO SDM-OFDM Base band Processing on Multiprocessor SDR Platform	Sri Sairam Engg. College. / Dec – 2009
4.	Implementation and Analysis of Electronically Tunable Diplexer for WiMAX Front –End Modules	Adhiparasakthi Engineering College
5	Design and Analysis of a circular aperture patch antenna with a common mode noise rejection filter	International Conference on Computational systems in Engineering and Technology
6	Fake Profile Identification in Social Network using Machine Learning and NLP	IC3IOT 2022
7	Gesture - Controlled Contactless Switch With OLED Display	IC3IOT 2022

Journals

S. No	Title	VOL. / Date
1.	Adaptive MIMO-OFDM scheme with reduced computational complexity and Improved capacity	Vol.9, No.3,ISSN 1947-5500, Pg 198 – 205 March 11
2	Design and Analysis of a circular aperture patch antenna with a common mode noise rejection filter based on defected ground structure for narrowband	ISSN: 2278-0181 Pg 17 - 21

3	An Aperture Coupled Feed Approach to Gain and Bandwidth Enhancement of Microstrip Patch Array Antennas	ISSN:2319-7242, Volume 2 Issue 4 April, 2013 Page No. 1298-1301
4	Staked T Lines Integrated Circular Microstrip Tri-band Wearable Antenna for GSM, ISM and NATO Applications	ISSN:2278-3075 Volume-9 Issue-4 1735-1739
5	Automatic Detection of Diabetic Retinopthy using Support Vector Machine	ISSN: 1546-1963 Volume-17 Issue-12 5582-5589
6	Compact Printed Planar Eye Shaped Dipole Antenna for Ultra-Wideband Wireless Applications	ISSN: 2708-9967 Volume-25 Issue-5 913-918

Online Courses attended

- Sustainable Development in the 21st Century with Ban K i- moon
- The Sustainable Development Goals – A global, transdisciplinary vision for the future
- Beyond the Sustainable Development Goals (SDGs): Addressing Sustainability and Development
- Digital Transformation
- Smart Device & Mobile Emerging Technologies
- Computational Vision
- Interpersonal, Developmental, and Evolutionary Perspectives of the Mind
- Methods for Solving Problems
- Introduction to Programming with MATLAB
- Excel/VBA for Creative Problem Solving, Part 1
- Introduction to Satellite Communications
- Engineering Project Management: Initiating and Planning
- Introduction to Virtual Reality
- What is "the mind" and what is artificial intelligence?
- Collaborative Robot Safety: Design & Deployment
- The absolute beginners guide to Data Science
- IoT Foundation
- Foundational Artificial Intelligence
- Robotic Process Automation
- Global Navigation Satellite System
- Remote Sensing of land Degradiation

NPTEL Courses

- Antennas
- National Accreditation and Teaching - Learning in Engineering
- Road Map for Patent Creation
- Microwave Integrated Circuits