

Ms. KAYALVIZHI K					
Designation:	Assistant Professor				
Qualification:	M.E, Ph.D. (Pursuing)				
Area of specialization:	Antenna, Wireless Communication				
Experience: (As On DEC 2021)	Industrial Experience		Teaching Experience		
	-		2.1 Years		
Number of workshop / FDP attended:	Number of Workshops		Number of FDPs		
	7		3		
Publications:	Conference		Journal		
	National	International	SCI	Scopus	Others
	-	4	2	1	1
Patents:	National		International		
	-		-		
Professional Body Membership:	-				
Staff Achievements:	-				
Workshop Details:	Sl. No.	Title	Venue	Month/ Year	

	1.	Recent Trends and Research Opportunities in 5G & Beyond	IE(I), Kattankulathur Local Centre & Department of Electronics & Communication Engineering, SRM Institute of Science and Technology, Kattankulathur	25 – 27 May 2020
	2.	CST - 3D EMI/ EMC simulation software and antenna designing with SI/PI by Dassault Systems	Shri Venkateswara College of Engineering	18-19 May 2020
	3	30th GISFI Standardization Series Meeting and IEEE5G Summit	SRM University, Kattankulathur	16-17 November 2017
	4	3D EM Simulation Technique for Antenna and Filter using CST Studio Suite and ADS Software	Shri Venkateswara College of Engineering	19 August 2017
	5	Advanced Antenna Design and Applications.	SRM University	26-27 August 2016
	6	Networks and Network Simulators	Saranathan college of Engineering and Applied digital micrologics India Ltd., Coimbatore	29 January 2011

	7	Microwave Made Simple	Shri Angalamman college of Engineering and technology	12 June 2008
FDP Details	Sl. No.	Title	Venue	Month/Year
	1.	Design of high frequency antennas for real time Applications	Jointly Organized by the Department of ECE of GMR Institute of Technology, Rajam and the Department of ECE of VR Siddharath Engineering College, Vijayawada, Andra Pradesh	14-18 March 2023
	2.	Recent Trends in 5G Communication Network	Sri Sai Ram Engineering College, Chennai	26-30 December 2022
	3.	Antenna Design and Measurement Techniques	SSN College of Engineering	10-15 December 2018

Publication Details:

International Journal

1. Kayalvizhi, K & Ramesh, S 2020, 'Design and Analysis of Reactive Load Dipole Antenna using Genetic Algorithm Optimization', Applied Computational Electromagnetics Society Journal, vol. 35, no. 3, pp. 279-287. [Science Citation Index Expanded, Impact Factor: 0.414
2. Kayalvizhi, K & Ramesh, S 2023, 'A novel MIMO antenna with switchable UWB/5G modes for vehicular terminals', Microwave and Optical Technology Letters, vol.65, no.9, pp.2640-2645. DOI: 10.1002/mop.33760. [Science Citation Index Expanded, Impact Factor: 1.311].
3. Tamilselvi, T., Kayalvizhi, K., Rajapandian, B & Nithyarani, N 2019, "A research on electronic component wrecker using electro-magnetic pulse (EMP)", International Journal of Engineering and Advanced Technology, vol.8, no. 6, pp. 3641–3645.

Chapters

1. Kayalvizhi, K & Ramesh, S 2019, A Broadband LR Loaded Dipole Antenna for Wireless Communication, Springer – Lecture notes on Data Engineering and Communication Technologies, vol. 35, pp.1415-1426. [E-Book ISBN 978-3-030-32150-5, DOI: 10.1007/978-3-030-32150-5]

International Conferences

1. Kayalvizhi, K & Ramesh, S 2019, 'A Broadband LR Loaded Dipole Antenna for Wireless Communication', International Conference on Emerging Current Trends in Computing and Expert Technology, pp. 201-206.
2. Kayalvizhi, K & Ramesh, S 2018, 'Analysis of RL Loaded Dipole Antenna using Genetic Algorithm for Wireless Communication', International Conference on Smart Structures and Systems, pp.60-65.
3. Kayalvizhi, K & Ramesh, S 2017, 'Penta Band Slot Antenna for Wireless Communications', International conference on Engineering, Energy & Environment, pp.176-181.
4. Kayalvizhi, K & Ramesh, S 2017, 'A High-Efficiency Broadband Rectenna for Wireless Energy Harvesting', Proceedings of the international conference on Newer Engineering Concepts and Technology.