



Sri SAI RAM INSTITUTE OF TECHNOLOGY


An Autonomous Institution | Affiliated to Anna University & Approved by AICTE, New Delhi

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Sai Leo Nagar, West Tambaram, Chennai - 600 044. www.sairamit.edu.in



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Name : Ms.S. PARAMESWARI	Photo: 
Designation	Assistant Professor
Qualification	M.E.(Ph.D)
Area of Specialization	RFANTENNA
Experience	UG :11 Months(Poly Technique) PG: 12 years 2 Months Industrial Experience : NIL
No of papers Published in Journals	16
No. of workshop / Conferences / FDP attended	Workshops & FDP : 69 International Conference :7 National Conference : 6
No. of workshop / Conferences / FDP organized	Workshops: NIL Seminar:7 FDP: NIL International Conferences: NIL National Conferences : NIL
No.of Funded Projects, Patents	NIL, 2 Patents
No.of Research Guidance	NIL
Membership in Professional Bodies	IAENG, IETE,IFERP
Any other Achievements	Received "BEST PAPER AWARD" organized by PSNA College Of Engineering And Technology ICRTECITA- 2018

PROFESSIONAL EXPERIENCE:

S.No	Organization	Post Held	Number of Years	From	To
1.	Thangam Muthu Polytechnique College	Lecturer	11 Months	25.05.2006	30.04.2007
2.	Kalasalingam Institute of Technology	Assistant Professor	12 Years 2 Months 9 Days	22.06.2009	31.8.2021
3.	Sri Sairam Institute of Technology	Assistant Professor	27.6.2022 Onwards	27.6.2022	Till date

FACULTY ACHIEVEMENTS:

Publications	Journals	
		<ol style="list-style-type: none">1. Implementation of Royer Oscillator in Wi-Tricity for Low Power Transfer2. Half Wave Dipole Antenna for C Band Application3. Half Wave Dipole Antenna for Satellite Communication Application4. Tri band Half Wave Dipole Antenna for Wireless Communication Application5. Dual band half wave dipole antenna for different dielectric substrate materials6. Design and Analysis of Rectangular Microstrip Patch Antenna Using Inset Feed Technique for Wireless Application7. Design and simulation of dissimilar antenna array for Wireless Application8. Design and simulation of patch antenna array for 5.4 GHz Wi-Fi Application9. Design of Microstrip Fed C shaped Wearable Antenna10. Enhancement of Bandwidth Using Microstrip Antenna

		<p>for C Band Application</p> <ol style="list-style-type: none"> 11. Design and Simulation of Dual Band C Shaped Microstrip Wearable Antenna 12. Design and Simulation of Tri band Slot Antenna Using Durioid Material Design And Simulation Of Polygon Patch Antenna With Circular Slot Using Microwave Band Applications 13. Design and Simulation of Polygon Patch Antenna with Circular Slot 14. Design And Simulation Of Tapered Slot Antenna Using Different Substrates Slot <p style="text-align: center;">SCOPUS INDEXED JOURNALS</p> <ol style="list-style-type: none"> 15. A Novel UWB Spiral Shape Patch Antenna for Bio-Monitoring Application 16. An Omnidirectional V- Shaped Micro strip Antenna For Wireless Multimedia Sensor Network 17. Design of H Shaped Microstrip Patch Antenna with Hexagonal Slots for Microwave Band Applications 18. Development Of Flexible Organic Wireless RF Devices Utilizing Doppler Radar Fabric Antenna <p style="text-align: center;">SCI JOURNALS</p> <ol style="list-style-type: none"> 19. Compact Textile UWB Antenna With Hexagonal For Biomedical Communication 20. Textile UWB Antenna With Metamaterial For Healthcare Monitoring 21. Textile UWB Antenna Performance For Healthcare Monitoring System
	<p>Books / Book Chapters / Monographs</p>	<p>Nil</p>
	<p>Online Courses</p>	<p>COURSERA</p> <ol style="list-style-type: none"> 1. Wireless communication <p>NPTEL</p> <ol style="list-style-type: none"> 1. Antennas 2. Microwave integrated circuits 3. Information theory and coding

	<p>Confere nces</p>	<p>International Conference</p> <p>Presented a paper on</p> <ol style="list-style-type: none"> 1.A Survey Paper On Microstrip Antenna For Using Nano satellites In Dissimilar Feed Techniques KLN College Of Engineering ICIEIA-2018 2.A Performance Analysis Of C Shaped Wearable Patch Antenna ICIEST- 2019 Kalasalingam Institute Of Technology 3.Design And Comparison Of Different Shapes With Slots In Microstrip Patch Antenna Using Microwave Band Applications <p>National Conference</p> <p>Presented a paper on</p> <ol style="list-style-type: none"> 1. Design And Simulation Of C-Shape Microstrip Patch Antenna Using Coplanar Waveguide Kalasalingam Institute Of Technology NVCIEST-2021 2.Alphabetical C Shape Wearable Antenna for Bio-Monitoring Application 3. Dual Band Two Step Monopole UWB Antenna with Circular Ring Structure. 4.A Survey Paper On Microstrip Antenna For Using Nano satellites In Dissimilar Feed Techniques
<p>Events organized</p>		<ol style="list-style-type: none"> 1. Organised a SALAM KALAM Film Program. Kalasalingam Institute Of Technology 24th July, 2017 2. Organised a IETE (ISF) Activity Inauguration Kalasalingam Institute Of Technology 16 July,2017 3. Organised a IETE (ISF) Inauguration Kalasalingam Institute Of Technology 12 July,2018 4. Organised a IETE (ISF) Activity Mini Project Expo Kalasalingam Institute Of Technology Feb 28,2017 5. Organised a Guest Lecturer Kalasalingam Institute Of Technology Aug 20,2018 IETE (ISF) Activity Symposium 6. Kalasalingam Institute Of Technology ,Sept 15,2018 Organised a Recent Trends Wave Propagation 7. Kalasalingam Institute Of Technology Aug 04,2019

Events attended	<ol style="list-style-type: none"> 1. Attended RETRIC '09' Velammal College Of Engg &Tech Aug 26,2009 2. Attended RETRIC '11' Velammal College Of Engg &Tech Aug 27,2011 3. Attended Research Issues In Wireless Networks" Velammal College Of Engg &Tech Mar 18 &19 2011 4. Attended Wireless Networks Kalasalingam University Sept 62011 5. Attended National Level Workshop On Emerging Trend In Computer Vision And Image Understanding PSRR College Of Engg For Women September 21,2013 6. Attended Recent Issues In Antenna Design And Testing Mepco Schlenk Engg&College September 24&252013 7. Attended Microcontroller Based Embedded System Design Mepco Schlenk Engg&College Dec 16,17,18 2013 8. Attended Effective Classroom Management Kalasalingam Institute Of Technology March 21&22 2013 9. Attended VLSI DESIGN Kalasalingam Institute Of Technology 10. Attended TEQIP Sponsored National Workshop On Emerging Antenna Technologies(NWEAT 2014) Thiagarajar College Of Engineering January 10&11 2014 11. Attended IEEE AP - S Madras Chapter And TQEIP Sponsored, Workshop On Computational Electromagnetics And Antennas Thiagarajar College Of Engineering March 5,2014 12. Attended Antenna Simulation &Measurement Using Ads And Vector Analyzer KLN College Of Engineering Feb 27&28,2014 13. Attended Benchmark Electronic Systems Private Limited And Attended IETE Sponsored National Level Workshop On Digital Communication Techniques Using COMMLAB-T PSRR College Of Engineering For Women January 30,2014 14. Attended A Two Day National Level Hands On Workshop On MATLAB Sri Vidhya College

- Engineering & Technology January 31 & Feb 1, 2014
15. Attended Design Modeling And Simulation Using PSIM Thiagarajar College Of Engineering June 27 & 28 2014
 16. Attended RETRIC'14' Velammal College Of Engg & Tech September 26 2014
 17. Attended Embedded System With MC/OS-II AND Keil RTX/ RTOS For Researches KLN College Of Engineering September 18 & 19 2014
 18. Attended Research Methodologies And Effective Publication Of Research Papers In Journals And Conferences Sri Vidhya College Engineering & Technology March 21 2014
 19. Attended SP-EMITS Sri Vidhya College Engineering & Technology March 28, 2014
 20. Attended TEQIP Sponsored National FDP On Machine Learning Internet Things Thiagarajar College Of Engineering May 8 & 9, 2015
 21. Designing, Simulation, Fabrication And Testing Of Micro Strip Antenna B.S Abadhur Rahuman University May 11-15, 2015
 22. Attended Anna University Approved Principles Of DSP Kamaraj College Of Engineering And Technology June 1-7, 2015
 23. Attended Anna University Approved Communication Theory Kamaraj College Of Engineering And Technology Jan 4-11, 2016
 24. Attended Anna University Approved DIGITAL IMAGE PROCESSING' Kalasalingam Institute Of Technology June 6-13, 2016
 25. Attended Anna University Approved RF AND MICROWAVE ENGINEERING Velammal College Of Engg & Tech MAY 23-29, 2016
 26. Flipped Classroom Kalasalingam Institute Of Technology Nov 2, 2016. IEEE-MADRAS SECTION Sponsored RECENT TRENDS IN RF ANTENNAS AND MIC KLN College Of Engineering Dec 01 & 02, 2016
 27. Attended IEEE AP-S & IEEE-Madras Section Sponsored RF Circuits & Attended Antenna Designs Mepco Schlenk Engg & College Dec 19-23, 2016
 28. Attended Energy Improve The Teachers Anna University Regional Center Madurai Jan 10, 2017
 29. Attended Google Using Flipped Classroom Kalasalingam Institute Of Technology Jan 28, 2017
 30. Attended Anna University Approved Digital

	<p>Communication Sethu Institute Of Technology June 14-21,2017</p> <p>31. Attended NBA ACCREDITATION Kalasalingam Institute Of Technology June 20,2017</p> <p>32. Attended Research Paper Writing Kalasalingam Institute Of Technology June 24,2017</p> <p>33. Attended Smith Chart Practice For RF Amplifier And Matching Networks Design K.Ramakrishna n College Of Technology 29th August, 2017</p> <p>34. Attended Art Of Writing Winnable Project Proposal For Funding Kalasalingam Institute Of Technology 7, OCT, 2017</p> <p>35. Attended Array Signal Processing With Wireless Applications Thiagarajar College Of Engineering 4.12.2017-10.12.2017</p> <p>36. Attended Deep Learning And Data Analytic Techniques Using Image Processing Kalasalingam Institute Of Technology 11.07.2018</p> <p>37. Attended Anna University Approved 'Linear Integrated Circuits Anna University Nov 12 – Nov 24, 2018</p> <p>38. Industry And Research Perspectives On Advanced Wireless Technology PSNA Of Engineering And Technology August 16 -21, 2019</p> <p>39. Attended Geometry Modeling In HFSS And All Operations Ansys Bangalore 4.5.2020-10.5.2020</p> <p>40. Attended Embedded Control Systems Communication Networks SRM</p> <p>41. Valliammai Engineering College 11.5.2020-15-5-2020</p> <p>42. Attended Keysight Systemvue Electronic System Level Design PSNA College Of Engineering & Technology 14.5.2020</p> <p>43. Attended Microstrip Antenna Design Fundamentals And Practical Implementation Of Triple Band Antenna For 5G Wireless Appln Using Ansys HFSS Rise Krishna Sai Gandhi Grp Of Institution 13.6.2020</p> <p>44. Attended Antenna Design Recent Trends And Appln Govt Arts College 10.6.2020</p> <p>45. Attended RF Fundamentals For Wireless Comm Kamaraj College Of Engg 9.6.2020</p> <p>46. Attended Antenna Wave Propagation Vaageswari College Of Engineering 23.6.2020</p> <p>47. Attended Recent Trends On RF And Its Application IEEE Antenna Propagation APS Chapter 26.5.2020-30.5.2020</p> <p>48. Attended Recent Trends In Antenna Designing SCAD</p>
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Polytechnique College 16/7/20

49. Attended Advances in planar Antenna Design Using CST Microwave Studio SRM TRP Engineering College 13/7/20
50. Attended Antennas Andrapradesh State Skill Development Corporation 12/7/20
51. Attended Future Antenna Technologies In 5G Kumaraguru College And Technology 10/8/20
52. Attended Electromagnetics, Microwave, RF & Antenna Design Using Ansys HFSS Shri Vishnu Engineering College For Women 24.8.20-29.8.20
53. Attended Modern Antenna Designs For 5G And Related Applications IEEE MTT-S Student Branch Chapter, Jadavpur University, Kolkata 14.9.20- 18.9.20
54. Attended Pedagogical Learning In RF And Microwave Engineering Using TARANG IEEE Education Society, IEEE Vizag Bay Section. 23/09/2020
55. Attended Electromagnetics In Modern Microwave Antennas Sri Venkateswara College Of Engineering 12.10.2020 To 17.10.2020.
56. Attended EBG Structure And This Application For Antenna Design kongu Engineering College Oct 24,2020
57. Attended Mmwave Antenna Design And Testing Used For Biomedical Applications Rajalakshmi Institute Of Technology Oct 19 -24,2020
58. Attended Antenna Systems for Space Applications Kumaraguru College of Technology November 29th, Monday, 2021
59. Attended US DOD International Basic Research Saveetha School of Engineering, Oct 28,2021
60. Attended Nano-photonics Based Antenna and Sensor Development SSN College of Engineering Feb 26,2022
61. Attended 5G millimeter-wave antennas and circuits using substrate integrated coaxial line (SICL) technology IEEE MTT-S Student Branch Chapter, Jadav pur University, Kolkata Feb 26 2022
62. Attended Frequency Selective Surfaces - A Researcher's Perspective(SSN) College of Engineering 12th Mar 2022
63. Attended Reconfigurable Antennas and Prospective Applications IEEE Student Branch MNIT And IEEE APS Student Chapter Mar 15, 2022
64. Attended Biomedical Antennas Karunya Institute of

	<p>Technology and Sciences 21st March to 26th March 2022</p> <p>65. Attended Wearable devices Naranya engineering college 15.02.2022 -19.02.2022</p> <p>66. Attended Research Metrics –MEASURING YOUR RESEARCH IMPACT Nadar Saraswathi College of Engineering and Technology 26th March 2022</p> <p>67. Simulation Of Communication And Signal Processing Algorithms Using MATLAB" Mepco Schlenk Engg &Tech, July 4 &5 2008</p> <p>68. Nano-photonics Based Antenna and Sensor Development SSN College of Engineering Feb 26,2022</p> <p>69. Recent Trends In Antenna Designing SCAD Polytechnique College 16/7/20</p>
Awards Received	Nil
Details on Funded Projects	Nil
Details on Thesis	Nil
Details on Research Guidance	Nil
Details of Patents	<ol style="list-style-type: none"> 1. Published a patent on ' Under water communication : Three Dimensional Navigation and Data Collection Mechanism for under Water Vehicles Using Acoustic Mapping (Application Number :2021141018722) in the year 2021 2. Published a patent on ' Design and Fabrication of Microstrip Patch Antenna for Wireless 5G Wireless Applications (Application Number :20214021100) in the year 2021