

Dr.S.PARAMESWARI



Designation:

Associate Professor

Qualification:

Ph.D

Area of specialization:

RF ANTENNA DESIGN ,COMMUNICATION SYSTEMS

Experience : (As On FEB 2026)

Industrial Experience

Teaching Experience

NIL

17 years

Number of workshop / FDP attended:

Number of Workshops

Number of FDPs

38

26

Publications:

Conference

Journal

National

International

SCI

Scopus

Others

16

24

9

17

6

Patents:

National

International

NIL

8

Books

Chapter

Books

3

3

Professional Body Membership:

1.IEEE MICROWAVE SOCIETY 2026 -MEM1EE17
2.IEEE Solid-State Circuits Society Membership 2026-
MEM1EE17

	<p>3.IEEE Power & Energy Society Membership 2026- MEEMIEE01 4.IEEE Electron Devices Society Membership 2026 -MEM1EE17 5.IEEE Communications Society Membership 2026 -MEEMIEE01 6.IEEE Circuits and Systems Society 2026- MEM1EE17 7.IEEE Antennas and Propagation Society 2026 MEEMIEE01 8.IEEE Industry Applications Society 2025 -MEEMIEE01 9.IEEE Magnetics Society 2025 -MEM1EE17 10.IEEE MICROWAVE SOCIETY 2026 -MEM1EE17 11.IEEE ELECTROMAGNETIC COMPATIBITBLE SOCIETY 2026 -MEEMIEE01 12.IETE 2026- LIFE MEMBER 13.IAAC 2026 -LIFE MEMBER 14.IAENG 2026- LIFE MEMBER 15.IFERP 2026- LIFE MEMBER</p>											
Staff Achievements:	<p>1.IEEE Senior Member 2024 Awarded By: IEEE 2.NPTEL Believers 2025 Awarded By: NPTEL 3.MENTOR PGPA 2025 Awarded By: Sri Sai Ram Institutions 4.NPTEL DOMAIN STARS 2025 Awarded By: NPTEL 5.SIRD APPRERCIATION 2025 Awarded By: SIRD 6.INTERNATIONAL BOOK PUBLISHED APPERICATION 2025 Awarded By: PENCILBITZ 7.TOP PERFORMING MENTOR 2025 Awarded By: NPTEL 8.NPTEL STAR ENTHUSIAST 2024 Awarded By: NPTEL 9.NPTEL MENTOR APPERCIATION CERTIFICATE 2024 Awarded By: NPTEL 10.IEEE Certificate Of Appreciation 2024 Awarded By: IEEE Certificate Of Appreciation 11.MENTEES SKILL RACK PERFORMER CERTIFICATE 2023 Awarded By: SAIRAM INSTITUTIONS 12.Best Paper Award 2017 Awarded By: PSNA College Of Technology 13.100% RESULTS PERFORMANCE 2013, 2014, 2015,2016,2017,2018 Awarded By: Kalasalingam Institute Of Technology, Krishnankoil. 14._Nptel Motivated Learners Awarded By: NPTEL 15._Nptel Enthusiasts Awarded By: NPTEL 16. Recognized Mentor Of_Niral Thiruvizha event</p>											
Workshop Details:	<table border="1"> <thead> <tr> <th data-bbox="508 1627 602 1717">Sl. No.</th> <th data-bbox="602 1627 980 1717">Title</th> <th data-bbox="980 1627 1274 1717">Venue</th> <th data-bbox="1274 1627 1505 1717">Month/Year</th> </tr> </thead> <tbody> <tr> <td data-bbox="508 1717 602 1875">1.</td> <td data-bbox="602 1717 980 1875">"Simulation Of Communication And Signal Processing Algorithms Using MatlaB"</td> <td data-bbox="980 1717 1274 1875">Mepco Schlenk Engg &Tech</td> <td data-bbox="1274 1717 1505 1875">July 4 &5 ,2008</td> </tr> </tbody> </table>	Sl. No.	Title	Venue	Month/Year	1.	"Simulation Of Communication And Signal Processing Algorithms Using MatlaB"	Mepco Schlenk Engg &Tech	July 4 &5 ,2008			
Sl. No.	Title	Venue	Month/Year									
1.	"Simulation Of Communication And Signal Processing Algorithms Using MatlaB"	Mepco Schlenk Engg &Tech	July 4 &5 ,2008									

	2.	RETRIC '11'	Velammal College Of Engg &Tech	Aug 27,2011
	3.	"Wireless Networks"	Kalasalingam University	Sept 6 ,2011
	4.	National Level Workshop On Emerging Trend In Computer Vision And Image Understanding	PSRR College Of Engg For Women	September 21,2013
	5	Recent Issues In Antenna Design And Testing	Mepco Schlenk Engg&College	September 24&25 2013
	6.	Microcontroller Based Embedded System Design	Mepco Schlenk Engg&College	Dec 16,17,18 2013
	7	VLSI DESIGN	Kalasalingam Institute Of Technology	October 9,30,31,2013
	8.	TEQIP Sponsored National Workshop On Emerging Antenna Technologies (NWEAT 2014)	Thiagarajar College Of Engineering	January 10&11 2014
	10	IEEE AP - S Madras Chapter And TQEIP Sponsored, Workshop On Computational Electromagnetics And Antennas	Thiagarajar College Of Engineering	March 5,2014
	11	Antenna Simulation &Measurement Using ADS And Vector Analyzer	KLN College Of Engineering	Feb 27&28,2014
	12	Benchmark Electronic Systems Private Limited And IETE Sponsored National Level Workshop On Digital Communication Techniques Using COMMLAB-T	PSRR College Of Engineering For Women	January 30,2014
	13	A Two Day National Level Hands On Workshop On MATLAB	Sri Vidhya College Engineering &Technology	January 31& Feb 1,2014
	14	Design Modeling And Simulation Using PSIM	Thiagarajar College Of Engineering	June 27&28 2014
	15	RETRIC'14'	Velammal College Of Engg &Tech	September 26,2014
	16	Embedded System With MC/OS-II AND Keil RTX/ RTOS For Researches	KLN College Of Engineering	September 18&19 2014

	17	Research Methodologies And Effective Publication Of Research Papers In Journals And Conferences	Sri Vidhya College Engineering & Technology	March 21 2014
	18	SP-EMITS	Sri Vidhya College Engineering & Technology	March 28,2014
	19	IEEE-MADRAS SECTION Sponsored RECENT TRENDS IN RF ANTENNAS AND MIC	KLN College Of Engineering	Dec 01&02,2016
	20	Energy Improve The Teachers	Anna University Regional Center Madurai	Jan 10, 2017
	21	Google Using Flipped Classroom	Kalasalingam Institute Of Technology	Jan 28,2017
	22	Recent Trends In Antennas For Space Applications	Sethu Institute Of Technology	March 16&17,2017
	23	Research Paper Writing	Kalasalingam Institute Of Technology	June 24,2017
	24	Smith Chart Practice For Rf Amplifier And Matching Networks Design	K.Ramakrishna n College Of Technology	29 th August, 2017.
	25	Art Of Writing Winnable Project Proposal For Funding	Kalasalingam Institute Of Technology	7,OCT,2017
	26	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
	27	Antenna Design Recent Trends And Appln	Govt Arts College	10.6.2020
	28	RF Fundamentals For Wireless Comm	Kamaraj College Of Engg	9.6.2020
	29	Antenna Wave Propagation	Vaageswari College Of Engineering	23.6.2020
	30	Antenna Systems for Space Applications	Kumaraguru College of Technology.	November 29 th ,Monday, 2021
	31	US DOD International Basic Research	Saveetha School of Engineering,	Oct 28,2021
	32	Nano-photonics Based Antenna and Sensor Development	SSN College of Engineering	Feb 26,2022

	33	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
	34	Frequency Selective Surfaces - A Researcher's Perspective	(SSN) College of Engineering,	12 th Mar 2022.
	35	Recent Trends In Antenna Designing	SCAD Polytechnique College	16/7/20
	36	Advances in planar Antenna Design Using CST Microwave Studio	SRM TRP Engineering College	13/7/20
	37	Antennas	Andrapradesh State Skill Development Corporation	12/7/20
	38	Future Antenna Technologies In 5G	Kumaraguru College And Technology	10/8/20
FDP Details:	Sl. No.	Title	Venue	Month/Year
	1	RETRIC '09'	Velammal College Of Engg &Tech	Aug 26,2009
	2	"Research Issues In Wireless Networks"	Velammal College Of Engg &Tech	Mar 18&19 2011
	3	Effective Classroom Management	Kalasalingam Institute Of Technology	March 21&22 2013
	4	TEQIP Sponsored National FDP On Machine Learning Internet Things	Thiagarajar College Of Engineering	May 8&9,2015
	5	Designing, Simulation, Fabrication And Testing Of Micro Strip Antenna	B.S Abadhur Rahuman University	May 11-15,2015
	6	Anna University Approved Principles Of DSP	Kamaraj College Of Engineering And Technology	June 1-7,2015
	7	Anna University Approved Communication Theory	Kamaraj College Of Engineering And Technology	Jan 4-11,2016
	8	Anna University Approved DIGITAL IMAGE PROCESSING'	Kalasalingam Institute Of Technology	June 6-13,2016
	9	Anna University Approved RF AND MICROWAVE ENGINEERING	Velammal College Of Engg &Tech	MAY 23-29,2016
	10	Flipped Classroom	Kalasalingam Institute Of Technology	Nov 2, 2016.

	11	IEEE AP-S & IEEE-Madras Section Sponsored RF Circuits & Antenna Designs	Mepco Schlenk Engg & College	Dec 19-23,2016
	12	Anna University Approved 'Real Time Embedded Systems'	Kalasalingam Institute Of Technology	May 15-22,2017
	13	Anna University Approved Digital Communication	Sethu Institute Of Technology	June 14-21,2017
	14	NBA ACCREDITATION	Kalasalingam Institute Of Technology	June 20,2017
	15	Anna University Approved 'Linear Integrated Circuits	Anna University	Nov 12 – Nov 24 2018
	16	Industry And Research Perspectives On Advanced Wireless Technology	PSNA Of Engineering And Technology	August 16 - 21,2019
	17	Geometry Modeling In HFSS And All Operations	Ansys Bangalore	4.5.2020- 10.5.2020
	18	Embedded Control Systems Communication Networks	SRM Valliammai Engineering College	11.5.2020- 15-5-2020
	19	Keysight Systemvue Electronic System Level Design	PSNA College Of Engineering & Technology	14.5.2020
	20	Recent Trends On RF And Its Application	IEEE Antenna Propagation APS Chapter	26.5.2020- 30.5.2020
	21	Electromagnetics, Microwave, RF & Antenna Design Using Ansys HFSS	Shri Vishnu Engineering College For Women	24.8.20-29.8.20
	22	Modern Antenna Designs For 5G And Related Applications	IEEE MTT-S Student Branch Chapter, Jadavpur University, Kolkata	14.9.20- 18.9.20
	23	Recent Advancements Of Computational Electromagnetic In Modern Microwave Antennas	Sri Venkateswara College Of Engineering	12.10.2020 To 17.10.2020.
	24	Mmwave Antenna Design And Testing Used For Biomedical Applications	Rajalakshmi Institute Of Technology	Oct 19 -24,2020
	25	AI and Quantum Computing:Glimpsing the Near	SRI SAIRAM ENGINEERING COLLEGE	20/01/2025 to 25/01/2025.
	26	Recent Trends in Artificial Intelligence and Quantum Computing	ST. JOSEPH'S COLLEGE OF ENGINEERING AND	03/02/2025 to 08/02/2025.

Conferences Details:

a) National Conferences:

S.NO	Year	Title of the Paper	Organization / Institution	Event
1.	7 March 2014	Design And Implementation Of Royer Oscillator In Wi-Tricity For Low Power Transfer	MAHAKAVI Bharathiyar College Of Engineering & Technology	NCREAT-14
2.	21 March 2014	A Wireless Fashion Worn For Human Verve Fortification	PSR Engineering College	NCECT-14
3.	28 March 2014	A Fashion Worn For Human Wireless Verve Fortification	Sri Vidhya College Of Engineering & Technology	SP-EMITS- 14
4.	20 ,21 March 2015	Design And Analysis Of Microstrip Patch Antenna Using Inset feed Technique For Wireless Application	Sri Krishna College Of Engineering & Technology	TAPSA - 2015
5.	14 March 2015	Half Wave Dipole Antenna For Wireless Communication Application	Reganayagi Vartharaj College Of Engineering	RACE-2015
6.	27 & 28 March 2015	Dual Band Analysis Of E-Shape Patch Antenna For Wireless Communication Using ADS Software	PSR Engineering College	NCECT- 2015
7.	March 15 2017	Design Of Monopole Ring Slot Antenna With Enhance Bandwidth	Mepco Schlenk Engineering College	NCCT-2017
8.	March 15 2017	Design And Simulation Of Swastika Slot Microstrip Patch Antenna For Millimeter Wave Mobile Communication	Mepco Schlenk Engineering College	NCCT-2017
9.	24 & 25 March 2017	Design And Simulation Of Dissimilar Patch Antenna Array For C Band Application	Ramco Institute Of Technology	NCIEST-17

10.	March 31,2017	Design And Simulation Of Patch Antenna Array For 5.4 GHz WI-FI Application	Velammal College Of Engineering And Technology	NCIECC- 2017
11.	24, 25 March2017	Design And Simulation Of CPW Feed Implantable Antenna	Ramco Institute Of Technology	NCIEST - 2017
12.	15 March 2019	Design And Polygon Patch Antenna With Circular Slot Using Different Substrate	PSR Rengasamy College Of Engineering For Women	NCRTE2C2T -2K19
13.	28 March 2019	Design And Simulation Of Tri Band Tapered Slot Antenna Using Duroid Material	Kamaraj College Of Engineering & Technology	IETE SPONSORED CSPCT-19
14	25 & 26 th March 2021	Design And Simulation Of Rectangular Patch Antenna Using Microwave Application	Kalasalingam Institute Of Technology	NVCIEST- 2021
15	25 & 26 th March 2021	A Smart Assistant For Partially Sighted People Using Deep Learning	Kalasalingam Institute Of Technology	NVCIEST- 2021
16	25 & 26 th March 2021	Design And Simulation Of C-Shape Microstrip Patch Antenna Using Coplanar Waveguide	Kalasalingam Institute Of Technology	NVCIEST- 2021

b) International Conferences:

S.N O	Year	Title of the Paper	Organization / Institution	Event
1	16 March 2014	Implementation Of Royer Oscillator In Wi-Tricity For Low Power Transfer	IRAJ at Goa	ICEEDC-15
2	20,21 March 2015	Design And Simulation Of E- Shape Patch Antenna For Wireless Application	Ranganathan Engineering College	ICRAIET-15
3	5 & 6 March 2015	Half Wave Dipole Antenna For C-Band Application	Muthayammal College Of Engineering	ICETS-2015
4	28 February 2015	Tri-band Half Wave Dipole Antenna For Wireless Communication Application	Latha mathavan Engineering College	ICETET - 2015
5	24 March 2016	Design And Simulation Of Circular Patch Slot Antenna For Wideband Application	Sri Vidhya College Of Engineering & Technology	ICONICET- 2016

6	24 March 2016	Design And Simulation of Defected Microstrip Structure Used For Wireless Applications	Sri Vidhya College Of Engineering & Technology	ICONICET - 2016
7	24 March 2016	Design And Simulation Of Circular Patch Slot Antenna For Wideband	Sri Vidhya College Of Engineering & Technology	ICONICET 2016
8	March 22 ,2017	Design And simulation Of Dissimilar Antenna Array For Wireless Applications	PSNA College Of Engineering And Technology	ICRTECITA - 2017
9	16-18 March 2017	Enhancement Of Performance Patch Antenna Using Metamaterial	PSR Engineering College-	ICREECE- 2017
10	11 & 12 May 2018	A Survey Paper On Microstrip Antenna For Using Nano satellites In Dissimilar Feed Techniques	KLN College Of Engineering	ICIEIA-2018
11	23 March 2018	Enhancement Of Bandwidth Using Microstrip Antenna For C- Band Applications	PSNA College Of Engineering And Technology	ICRTECITA- 2018
12	23 March 2018	Design And Simulation Of Dual Band C-Shaped Microstrip Wearable Antenna	PSNA College Of Engineering And Technology	ICRTECITA- 2018
13	20 March 2019	Design And Simulation Of Tapered Slot Antenna Using Different Substrates	SSM Institute Of Engineering And Technology	ICRTCRET- 2019
14	15 &16 February 2019	A Performance Analysis Of C Shaped Wearable Patch Antenna	Kalasalingam Institute Of Technology	ICIEST- 2019
15	26 th & 27 th June2020	Performance Analysis of Microstrip Stepped in Rectangular Slot UWB Antenna using Taconic Material.	Ramco Institute Of Technology	IWCSET- 2020
16	26 th & 27 th June2020	Dual Band Two Step Monopole UWB Antenna with Circular Ring Structure.	Ramco Institute Of Technology	IWCSET- 2020
17	05 th March 2020	A Novel Ultra WideBand Spiral shape patch antenna for Bio-monitoring Application	M.Kumarasamy College of Engineering,	ICSPCS-2020
18	12 th March 2020	Design of rectangular slot UWB antenna for Biomedical Application	Kalasalingam Institute Of Technology	ICIEST-2020
19	12 th March.2020	Design and Simulation of two step circular ring monopole UWB antenna using plexiglass	Kalasalingam Institute Of Technology	ICIEST-2020
20	12 th March 2020	Alphabetical C Shape Wearable Antenna for Bio-Monitoring Application	Kalasalingam Institute Of Technology	ICIEST-2020

21	12 th March 2020	Design And Comparison Of Different Shapes With Slots In Microstrip Patch Antenna Using Microwave Band Applications	Kalasalingam Institute Of Technology	ICIEST-2020
22	15 th March 2020	Design And Simulation Different Microstrip Rectangular Slot UWB Antenna For Cancer Detection	M.Kumarasamy College of Engineering	ICSPCS-2020
23	05 th March 2020	Design And Simulation two step circular ring monopole UWB antenna using different substrates	M.Kumarasamy College of Engineering	ICSPCS-2020
24	12 th March 2020	RFID Based Smart Shopping Mart Management System Using Android Application	Kalasalingam Institute Of Technology	ICIEST-2020

Publication Details:

a) SCOPUS and Indexed In SCOPUS Publications

S.No	Author(s)	Title of the paper	Name of the Publications	Page no & Details
1.	S.Parameswari Kirubakaran	Implementation of Royer Oscillator in Wi-Tricity for Low Power Transfer	International Journal of Electrical, Electronics and Data Communication	Vol-2, issue-5
2.	S.Parameswari Ponaravinthkumar	Half Wave Dipole Antenna for C Band Application	International Journal of Advances in Engineering Research	Vol-10, No.9 (ISSN 0973-4562)
3.	S.Parameswari Ponaravinthkumar	Half Wave Dipole Antenna for Satellite Communication Application	International Journal of Digital Communication and Networks	Vol-2, Issue-5
4.	S.Parameswari Ponaravinthkumar	Tri band Half Wave Dipole Antenna for Wireless Communication Application	International Journal of Emerging Technology in Computer Science and Electronics	Vol- 12, Issue 14 (ISSN: 0976-1353)
5.	S.Parameswari Ponaravinthkumar	Dual band half wave dipole antenna for different dielectric substrate materials	International Journal of Emerging Technology and Innovative Engineering	Vol-1, Issue 5, May 2015 (ISSN: 2394-6598)
6.	S.Parameswari Ponaravinthkumar	Design and Analysis of Rectangular Microstrip Patch Antenna Using Inset Feed Technique for Wireless Application	International Journal of Intelligent Robotics and Applications	IJSIRAA Vol-4, Issue 4
7.	S.Parameswari	Design and simulation of dissimilar antenna array for Wireless Application	International Journal of Electrical and Computer Engineering	Volume 2, Issue 09
8.	S.Parameswari A. Ajithkumar	Design and simulation of patch antenna array for 5.4 GHz Wi-Fi Application	International Journal of Engineering Research & Technology	Volume 5, Issue 09 ISSN: 2278-0181
9.	S.Parameswari Hariharasubramani am	Design of Microstrip Fed C shaped Wearable Antenna	International Journal of Innovation in Engineering Research & Management	ISSN: 2348-4918 UGC Approved Journals No. 48708,
10.	S.Parameswari Inbarani Manimanju Madhavi	Enhancement of Bandwidth Using Microstrip Antenna for C Band Application	International Journal of Electrical and Computer Engineering	ICRTCRET Mar 2018
11	Dr. S. Parameswari	Development of Miniature Wireless Devices with Antenna	In-Package Technology for Advanced Wireless SoC,	SSRN , Vol. (2025) , pp.
12	Dr. S. Parameswari,	SmartCityPredict: An AI and Machine Learning Framework for Enhancing Urban Service Efficiency Through Real-Time Data Analytics	2025 3rd International Conference on Cyber Resilience (ICCR) , Vol. (2025) , pp. 3-4 July 2025	2025 3rd International Conference on Cyber Resilience (ICCR) , Vol. (2025) , pp. 3-4 July 2025
13	Dr. S. Parameswari	Energy efficient hierarchical clustering based dynamic data fusion algorithm for wireless sensor networks in smart agriculture,	Scientific Reports ,	Vol. (2025) , pp. (2025) 15:7207

14	Dr. S. Parameswari	AI-Based Detection and Prediction of Magnetic Interference in Drone Magnetometer Systems Using Multi-Sensor Data with Edge Computing.	Proceedings of the 3rd International Conference on Optimization Techniques in the Field of Engineering	(ICOFE-2024) , Vol. (2024) , pp
15	Srinivasan D.;Premkumar M.;Deepa Nivethika S.;Dhilipkumar P.;Parameswari S.;Chowdary M.K	A Review on Wideband High-Gain Low-THz Antennas for Wireless Applications.	Proceedings of the 18th Indiacom 2024 11th International	Proceedings of the 18th Indiacom 2024 11th International
16	Parameswari S.;Dinesh M.;Vignesh G.;Dhanush Kumar M.	Multi Slotted Microstrip Patch Antenna for Wireless Application 2024	International Conference on Communication Computing and Internet of Things Ic3iot 2024 Proceedings , Vol. (2024	Conference on Computing for Sustainable Global Development Indiacom 2024 , Vol. (2024) , pp. 1644-1648
17	S.PARAMESWARI	Development Of Energy Efficient Wireless Communication Networks Using Green 6g	Edge Computing ICCICCT-2024 , Vol. (2024) , Pp.	Edge Computing ICCICCT-2024 , Vol. (2024) , Pp.
18	Dr. S. Parameswari,	Development of Satellite Communication using Integrated Metamaterials Antenna Arrays with Deep Learning Techniques in Ka-Band Frequency	SSRN	Vol. (2024) , pp. 11
19	Dr. S. Parameswari,	Development of Miniature Microstrip Antennas using Microwave Metamaterials for 5G Wireless Communication System	Dr. S. Parameswari, Proceedings of the 3rd International Conference on Optimization Techniques in the Field of Engineering	(ICOFE-2024) , Vol. (2024) , pp. November 15, 2024
20	Parameswari S.;Rajasekar A.;Divya K.;Wagholikar S.;Ashok P.;Soundara Rajan C. 2023,	Innovations in Wearable Radio Frequency Technology: Designing for Connectivity	Global Conference on Information Technologies and Communications	Gcitic 2023 , Vol. (2023) , pp
21	S.S.;Parameswari S.;Arun Raj S.R.;Kannan K.;Rajesh N	Optimizing Offloading in MEC-Enabled Vehicular Networks Using Adaptive PSO and V2V Communication Shinde.;Kiran A., Vol. (2023) , pp. 369-373	Proceedings of the IEEE International Conference Image Information Processing	
22	S.S.;Parameswari S.;Arun Raj S.R.;Kannan K.;Rajesh N	Performance Analysis of an F -Shaped Antenna for Wireless Applications	. International Journal of Antennas and Propagation , Vol. 2023 (2023) , pp.	. International Journal of Antennas and Propagation , Vol. 2023 (2023) , pp.
23	Gokula Chandar A.;Kannadhasan S.;Nagarajan R.;Subbian P.;Mashuq Tonmoy M	Optimizing Wireless Performance in Wearable Flexible Electronics: Antenna Strategies	2023 Global Conference on Information Technologies and Communications Gcitic 2023 , Vol. (2023) , pp	2023 Global Conference on Information Technologies and Communications Gcitic 2023 , Vol. (2023) , pp

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b) SCI JOURNALS

S.No	Author(s)	Title of the paper	Name of the Publications	Page no & Details
1	S. Parameswari Dr.C. Chitra	Compact Textile UWB Antenna With Hexagonal For Biomedical Communication	Journal of Ambient Intelligence and Humanized Computing,	Journal of Ambient Intelligence and Humanized Computing, Volume 2021,
2	S. Parameswari Dr.C. Chitra	Textile UWB Antenna With Metamaterial For Healthcare Monitoring	International Journal of Antennas and Propagation	Article ID 5855626, 11 pages (AU Annexure- I, and II)
3	S. Parameswari Dr.C. Chitra	Textile UWB Antenna Performance For Healthcare Monitoring System	Frequenz	https://doi.org/10.1515/freq-2021-0227
4	A. Gokula handar, S. Kannadhasan, R. Parameswari Subbian,and Mahtab Mashuq Tonmoy	Performance Analysis of an F-Shaped Antenna for Wireless Applications	International Journal of Antennas and Propagation	Volume 2023 Article ID 8723069 https://doi.org/10.1155/2023/8723069
5	Dr. S. Parameswari,	Optimization and performance of UWB antennas for wireless communication network	Optical and Quantum Electronics ,	Vol. Volume 57, article number 468, (2025) (2025) , pp. Volume 57,
6	Ashok P.;Gorli R.;Parameswari S.;Sridevi L.;Janaki N.;Gopinath S.;Anandaram H.;Shreenidhi K.S.;Iyengar	Artificial intelligence: Augmented integrated development environments for boosting programmer productivity,	S.P. Artificial Intelligence for Cloud Native Software Engineering	Vol. (2025) , pp. 29-56
7	Srinivasan D.;Kiran A.;Parameswari S.;Vellaichamy J.	Energy efficient hierarchical clustering based dynamic data fusion algorithm for wireless sensor networks in smart agriculture	Scientific Reports ,	Vol. 15 (2025) , pp.
8	Dr. S. Parameswari,	Bonevoyage: Navigating the depths of osteoporosis detection with a dual-core ensemble of cascaded ShuffleNet and neural networks	Scientific Reports ,	Vol. 2025, Vol. 33(1) 3–25 (2025) , pp. 2025,
9	Parameswari S.;Jeevitha S.;Sree Rathna Lakshmi N.V.S.;Swetha B	Machine learning driven early prediction of cardiac arrest.	Technology and Health Care ,	Vol. 33 (2025) , pp. 2371-2385

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Patent :

S.No	Title Of The Patent Topic
1	Under water communication : Three Dimensional Navigation and Data Collection Mechanism for under Water Vehicles Using Acoustic Mapping (Application Number :2021141018722)
2	Design and Fabrication of Microstrip Patch Antenna for Wireless 5G Wireless Applications (Application Number :20214021100)
3	IOT-ENHANCED SECURE DATA ENCRYPTION AND TRANSMISSION FOR NEXT-GENERATION COMPUTING ENVIRONMENTS Inventor(s): S.Pameswari Assignee: Sri Sairam institute of technology Published: 2024-02-09
4	IMPLEMENTING IOT-BASED SMART CONTROL AND SIMULATION FOR ENHANCED AGRICULTURAL SYSTEMS Inventor(s): S.Pameswari Assignee: Sri Sairam institute of technology Published: 2024-03-29
5	Smart Energy Consumption Monitoring Device Inventor(s): S.Pameswari Assignee: Sri Sairam institute of technology Published: 2024-03-22
6	PRECISION MEETS PREDICTION: REVOLUTIONIZING EV PRODUCTION WITH AI AND FREQUENCY FOURIER ANALYSIS Inventor(s): Dr.S.Pameswari Assignee: Dr.S.Pameswari Published: 0000-00-00
7	AI HEALTH MONITOR Inventor(s): Dr.S.Pameswari Assignee: Dr.S.Pameswari Published: 2025-05-15
8	Universal Edge-Cloud Orchestration Framework for Autonomous Data Processing Inventor(s): Dr.S.Pameswari Assignee: Dr.S.Pameswari Published: 0000-00-00

Online Courses details:

S.No	Title of the Course Topic	Type of the course
1	Antennas	NPTEL
2	Microwave Integrated Circuits	NPTEL
3	Wireless Communication	COURSERA
4	Information Theory And Coding	NPTEL
5	Entrepreneurship And IP Strategy	NPTEL
6	Organization Development And Change In 21st Century	NPTEL
7	Biophotonics	NPTEL
8	Ethics In Engineering Practice	NPTEL
9	Effective Engineering Teaching In Practice	NPTEL
10	Teaching And Learning In Engineering (TALE)	NPTEL
11	Patent Drafting For Beginners	NPTEL
12	Nanophotonics, Plasmonics, And Metamaterials	NPTEL
13	Introduction To Photonics	NPTEL
14	Technical Communication For Engineers	NPTEL
15	Transmission Lines And Electromagnetic Waves	NPTEL
16	Photonic Integrated Circuit	NPTEL
17	Optical Wireless Communications For Beyond 5G Networks And IOT	NPTEL
18	Accreditation And Outcome Based Learning	NPTEL

BOOK CHAPTER

1. Enhancing Audit Effectiveness Through Strategic Data Analytics Parameswari S., Shreenidhi K. S., Henil Kapadia Machine Learning and Modeling Techniques in Financial Data Science , Vol. ISBN13: 9798369381861|ISBN13 Softcover: 9798369381878|EISBN13: 9798369381885 (2025) , pp. 700
2. .Enhancing Audit Effectiveness Through Strategic Data Analytics Panchapakesan A.;Anandaram H.;Sridevi L.;Sathish K.M.;Dhivya P.;Parameswari S.;Shreenidhi K.S.;Kapadia H. Machine Learning and Modeling Techniques in Financial Data Science , Vol. (2025) , pp. 231-251

3. Teacher Education for Quality Enhancement in the Age of Globalisation in Developing Countries Mishra M.;Parameswari S.;Ramachandran K.;Ashok P.;Kumar S.N.;Kannadhasan S. Lecture Notes in Networks and Systems , Vol. 1004 LNNS (2024) , pp. 309-319

BOOKS

1. Recent Trends And Applications Of Artificial Intelligence PKS Publications (2024)
2. Antenna And Microwave Engineering Charulatha Publications (2025)
3. Fundamentals Of Antenna Theory And Design Pencil Bitz Publications (2025)