

Dr. S. Raghavan



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Qualification

B.E. in Electronics and Communication Engineering from the College of Engineering, Guindy.

M.Sc.(Engg) in Microwave Engineering from College of Engineering, Trivandrum.

Ph.D.(I.I.T. Delhi) on "Characterization of Discontinuities in Coplanar Waveguides & CPW Periodic Structures".

Guides

Prof. Bharthi Bhat

Prof. S. K. Koul

Specialization

Microwave Engineering

Microwave integrated circuits

Professional Interests

Microwave integrated circuits, Biological effects of Microwaves, Computer Aided Design of MICS,

Biomedical Informatics, Meta Materials, Bio MEMS, RF MEMS, Fractal Antennas, MIC Antenna and Metamaterial Antenna

Awards

QIP Fellowship for Ph.D. at CARE, IIT Delhi.

'BEST TEACHER AWARD' for the year 2007-08.

'BEST FACULTY AWARD' for Electrical and Electronics division (P.K.Das Memorial Award) for the year 2010-11.

'BEST THESIS AWARD' (Gold Medal) obtained by first Ph.D Scholar.

LIFE Time Achievement (In Microwave Engineering) Award Winner.

Honorary Fellowship of Ancient Sciences and Archeological Society of India is conferred.

Referee – IEEE Microwave Theory and Techniques

Referee – Journal of Electronics and Telecommunication Engineering, Institution of Engineers, India.

Referee - PIERS, USA.

Short term Visiting Fellow in California State University, North Ridge(CSUN), USA.

Awarded to conduct a tutorial in AP EMC 2010, Beijing, China, April 12-16, 2010.

Awarded to conduct a Tutorial in Wireless Viate International Conference Feb 28, 2011

Tutorial during ICEICE Conference in MBM college Jodhpur March 28-29,2011

Invited to be a session chair in PIERS 2013 Symposium, Taipei, Taiwan

Bharat Jyoti Award

Organizing Chair for INDIAN ANTENNA WEEK (Workshop cum Conference on Advanced Antenna technology), 2014, 26-30 May 2014, Chandigarh.

Countries Visited

Taiwan

USA

Singapore

Malaysia

China

Korea

Thailand

Publications

International Journals - Seventy Five (75)

IEEE Xplore - Sixty Five (65)

National Journals - Four (4)

International Conferences - One Hundred and Twenty-Seven (127)

National Conferences - Twenty Six (26)

Projects Handled

MHRD projects in MICS and Optical Fibres with a financial outlay of Rs.30 lakhs have been successfully completed.

MHRD - AICITE project on Microwave Integrated Circuits (CPW)

Co-Coordinator for RF MEMS project.

Plan Fund (Rs 40 Lacs) for modernisation of Microwave Lab.

Professional Society Membership

SENIOR MEMBER IEEE(SM)

MICROWAVE THEORY AND TECHNIQUES SOCIETY(MTT)

ENGINEERING IN MEDICINE BIOLOGY SOCIETY (EMBS)

FELLOW IN INSTITUTION OF ELECTRONICS AND TELECOMMUNICATIONS ENGINEERS.(FIETE)

LIFE MEMBER IN INDIAN SOCIETY FOR TECHNICAL EDUCATION. ISTE(LM)

LIFE MEMBER IN INSTITUTE OF SMART STRUCTURES SOCIETY. ISSS(LM)

FELLOW OF INSTITUTION of ENGINEERS,INDIA (Applied on 10/2/06)(FIE)

LIFEMEMBER IN SOCIETY OF ELECTROMAGNETIC COMPATIBILITY ENGINEERS.SEMCE (LM)

LIFE MEMBER IN MATERIAL RESEARCH SOCIETY OF INDIA. MRSI(LM)

LIFE MEMBER IN INDIAN ASSOCIATION OF TEACHERS LIBRARY & INFORMATION SCIENCE IATLIS(LM)

LIFE MEMBER IN INDIAN LIBRARY SOCIETY.ILS(LM)

LIFE MEMBER IN NATIONAL PRODUCTIVITY COUNCIL.NPC(LM)
FELLOW IN BROADCAST ENGINEERING SOCIETY INDIA.(BESI)
SENIOR MEMBER IN COMPUTER SOCIETY OF INDIA.(CSI)
LIFE MEMBER INDIAN ASSOCIATION OF MEDICAL INFORMATION.(IAMI)
LIFE MEMBER OF BIOMEDICAL ENGINEERING SOCIETY OF INDIA.(BMES)
LIFE MEMBER OF SOCIETY FOR BIOMATERIALS & ARTIFICIAL ORGANS,INDIA.(SBAO)
LIFE MEMBER OF SOCIETY OF TISSUE ENGINEERING AND REGENERATIVE MEDICINE (STERM)
CHARTED ENGINEERS, INDIA (CE)
MEMBER OF TELEMEDICINE SOCIETY OF INDIA (MTSI)
MEMBER INSTRUMENTATION SOCIETY OF INDIA (ISOI)
LIFE MEMBER OF ARCHEOLOGICAL SOCIETY OF INDIA (ASI)
FELLOW IN ANTENNA TEST MEASUREMENT SOCIETY (ATMS)

Workshops Organized

TEQIP Sponsored Workshop on "CAD OF MICROWAVES" 27th July to 28th July 2013 in NIT Trichy.

TEQIP Sponsored Workshop on "TELEMEDICINE" 12th July to 14th July 2013 in NIT Trichy.

AICTE/MHRD Sponsored FDP on "Recent Trends in Microwave Integrated Circuits" 13th July to 17th July 2010, in NIT, Trichy.

Workshop on Telemedicine, September 27th, 2008, in NIT Trichy.

'Special topics in Microwaves' under TEQIP, NIT Trichy during 18th-19th December '07.

'MIC Components – Design Layout and Fabrication – An Introduction' under TEQIP, NIT Trichy on 7th October '06.

'Future Libraries and Information Centers in Digital Era' sponsored by Central Library, NIT Trichy on 16th July '05.

'Books & Learning Resources Exhibition' sponsored by Central Library, NIT Trichy during 19th-21st October '05.

Other Assignments

Chaired many International and National level conferences on Microwave Engineering and Millimeter wave integrated circuits.

Chairman /Hospital Modernization committee for 3 years - "Planned and Established 24 HOUR Hospital".

Coordinator / Library for 9 months –"Instrumental for the NEW Multi storey LIBRARY DESIGN and PLAN".

Active Member for 5 years – Estate welfare committee

Active Member for one year Ambulance purchase committee

Active Member for one year Student Council Association

Member - Accreditation Committee

Senate Member in two universities

Served as President and Joint Secretary of Regional Engineering College Faculty Association for three years.

Publications

International Journals

1. S. Imaculate Rosaline and S. Raghavan, "CSRR based compact penta band printed antenna for GPS/ GSM/ WLAN/ WiMAX applications" Microwave and Optical Technology Letters, Wiley Publications (Accepted).
2. V.Rajeshkumar and S. Raghavan, "SRR based Polygon Ring Penta-band Fractal Antenna for GSM/WLAN/WiMAX/ITU band Applications" Microwave and Optical Technology Letters , Wiley Publications (Accepted).
3. V.Rajeshkumar and S. Raghavan, "Bandwidth enhanced compact fractal antenna for UWB applications with 5–6 GHz band rejection" Microwave and Optical Technology Letters , Wiley Publications, Vol. 57, No. 3, March 2014.
4. B. Anandhimeena, P. Thiruvallar Selvan, S.Raghavan, S. Suganthi, S. Sindhiya, "Effect Of Ground Plane Structure In Metamaterial Inspired Monopole Antennae" ,International Journal of Applied Engineering Research, Vol. 10 No.5 (2015) pp.4777-4780.
5. B. Anandhimeena, P. Thiruvallar Selvan, S.Raghavan, S. Suganthi, P. Suganya, "Dual Band Patch Antenna Using Slots", International Journal of Applied Engineering Research, Vol. 10 No.5 (2015) pp. 4781-4784.
6. B. Anandhimeena, P. Thiruvallar Selvan, S.Raghavan, S. Suganthi, P. Archana, M.Pavithra, "Review On Metamaterial Radome In Gain Enhancement Techniques of Planar Antenna", International Journal of Applied Engineering Research, Vol. 10 No.5 (2015) pp 4785-4789.

7. R. Pandeewari, S.Raghavan, "Meandered CPW-fed Hexagonal Split ring resonator monopole antenna for 5.8 GHz RFID applications" *Microwave and Optical Technology Letters* ,Wiley Publications,Vol. 57, No. 3, March 2014.
8. S. Imaculate Rosaline, Dr.S. Raghavan, "A Compact dual band antennas with an ENG SRR cover for SAR Reduction" *Microwave and Optical Technology Letters*, Wiley Publications, 2014.
9. R.Pandeewari, S.Raghavan, "Microstrip Antenna with Complementary Split Ring Resonator Loaded Ground Plane for Gain Enhancement" *Microwave and Optical Technology Letters*, Wiley Publications,Vol. 57, No. 2, Feb 2015.
10. Arockia A Bazil Raj, Arputha J Vijaya Selvi, and Raghavan S, "Real-time measurement of meteorological parameters for estimating low-altitude atmospheric turbulence strength (C_n^2)", *IET Science, Measurement & Technology*, IET, Vol. 8, No. 6, November 2014.
11. M. Ramaraj, S. Raghavan, V. Raghunath, and Wahid A. Khan, "Histogram Variance Controlled Bleeding Detectors for Wireless Capsule Endoscopic Images" *Journal of Medical Imaging and Health Informatics*, American Scientific Publishers, Vol.4, No.4, pp.500-510 August 2014.
12. R.Pandeewari, Dr.S.Raghavan, "Broadband monopole antenna with split ring resonator loaded substrate for good impedance matching" *Microwave and Optical Technology Letters* ,Wiley Publications, Vol. 56, No.10, pp. 2388-2392, October 2014.
13. V. Rajeshkumar, Dr. S. Raghavan, "A Compact Metamaterial Inspired Triple band Antenna for Reconfigurable WLAN/WiMAX Applications", *AEUE - International Journal of Electronics and Communications*, Elsevier,2014.
14. V. Rajeshkumar, Dr. S. Raghavan, "Trapezoidal ring quad-band fractal antenna for WLAN/WiMAX applications", *Microwave and Optical Technology Letters*, Wiley Publications, Vol. 56, No.11, pp. 2545-2548, November 2014.
15. Dr. Manimekalai and Dr.S.Raghavan, Comparison of Pv panels and analysis of soft switching Interleaved boost converters for photo Voltaic(Pv) Power generation systems.*International energy Journal*, 2014
16. Arockia Bazil Raja, J. Arputha Vijaya Selvi, D. Kumar, and S. Raghavan, "A Direct and Neural Controller Performance Study with Beam Wandering Mitigation Control in Free Space Optical Link" *Optical Memory and Neural Network (Information Optics)*,Springer,Vol. 23, No.3, pp. 111-129, 2014
17. S. Suganthi, K. Murugesan, S. Raghavan, "Optimized mechanical design of Capacitive Micromachined Switch:A CAD-based Neural Model" *Journal of Circuits, Systems, and Computers* Vol. 23, No. 3 (2014) 1450037 .
18. S. Suganthi, K. Murugesan and Dr. S.Raghavan, "RF MEMS Switch Electro Static Actuated Beam Stabilization Analysis using Neural Network" *The IUP Journal of Telecommunications*, Vol III, No. 4, 2011.
19. S. Raghavan and P. Thiruvallar Selvan, "Novel Compact CPW-Fed Printed Slot Antenna for 5.8-GHz RFID Application", *Microwave and Optical Technology Letters* , Wiley Publications, Vol. 55, No. 12, December 2013.
20. Subbarao, A. and S. Raghavan, "Compact CPW-fed UWB Slot Antenna with Triple Band notched Characteristics", *Microwave and Optical Technology Letters* ,Wiley Publications, Vol. 55, No.9, pp. 2113-2117, September 2013.

21. Arockia Basil Raj, Arputha Vijaya Selvi and Singaravelu Raghavan, "Real-time Measurement of Meteorological Parameters for Estimating Low Altitude Atmospheric Turbulence Strength (Cn2)," Scientific World Journal, Hindawi Publishing Corporation.
22. P.Manimekalai, R.Harikumar, S.Raghavan, "An Overview of Batteries for Photovoltaic (PV) power Systems", International Journal of Computer Applications (IJCA), November 2013.
23. Shobana, K., Thulasi Geethanjali, P., Ilammathi, I., Hemalatha, K., Suganthi, S. and Raghavan, S. "Performance Enhancement of a Novel ANN Optimized Mushroom Shaped Microstrip Antenna for Wireless Applications", International Journal of Microwaves Applications, Vol.2, No.2, pp. 69-76, March-April 2013.
24. Swathi, A., Jose Pavithra, J., Divya, S. Indhumathi, V., S.Suganthi and Raghavan, S. "A Novel ANN Optimized CPW Fed Truncated Star Shaped Fractal Antenna for Wireless Applications", International Journal of Microwaves Applications, Vol.2, No.2, pp. 77-84, March-April 2013.
25. S.Suganthi, K.Murugesan and S.Raghavan, "RF MEMS Double Beam Lateral Switch Characteristics Analysis Using Neural Network", International Journal of Scientific & Engineering Research, Volume 4, Issue 1, January-2013.
26. Akkala. Subbarao and S. Raghavan, "Coplanar Waveguide-fed Ultra-wideband Planar Antenna with WLAN-band Rejection", Journal of Microwaves, Optoelectronics and Electromagnetic applications, (JMoe), Vol. 12, No.1, pp. 50-59, June 2013
27. Akkala. Subbarao and S. Raghavan, "Printed Planar UWB Antenna with Rejection of WLAN and WiMAX Bands", Microwave Optical Technology Letters, Wiley Publications, Vol. 55, No.4, pp. 740-744, April 2013
28. S.Suganthi, K.Murugesan and S.Raghavan, " RF MEMS Switch Beam Position Stabilization Analysis using Neural Network", International Journal of Microwave and Optical Technology, Vol. 7, No.2, March 2012.
29. S.Suganthi, K.Murugesan and S.Raghavan, "ANN Model of RF MEMS Lateral SPDT Switches for Millimeter Wave Applications", Journal of Microwaves, Optoelectronics and Electromagnetic Applications, ISSN 2179-1074, Vol. 11, NO. 1, June-2012.
30. Akkala. Subbarao and S. Raghavan, "Compact coplanar waveguide-fed planar antenna for ultra wideband and WLAN applications", Wireless Personal Communications, Springer Journal, DOI 10.1007/s11277-012-0974.y
31. S.Suganthi, K.Murugesan and S.Raghavan, "A Neural Network Based Approach for Static and Dynamic characteristic Analysis of RF MEMS Double Beam Lateral Switch", European Journal of Scientific Research, ISSN 1450-216X, Volume 93, No. 3, pp.359-371, December-2012.
32. Mr. Akkala. Subbarao and Dr. S. Raghavan, "A Compact UWB Slot Antenna with Signal Rejection in 5-6 GHz band ", Microwave Optical Technology Letters, Vol. 54, No. 5, pp 1292-1296, May 2012.
33. S. Suganthi, D. Kumar and S. Raghavan, "Design and Simulation of Miniaturized Multiband Fractal Antennas for Microwave Applications", International Journal of Information and Electronics Engineering (IJIEE), Vol.2, Issue 4, pp.825-830, Sep 2012.
34. Dr. T. Shanmuganantham, Dr. S. Raghavan, "CPW Fed Rectangular Slot Antenna for Wideband Applications" International Journal of Computer Applications, USA, Vol.38, No.2, Feb.2012.

35. J. G. Joshi, Shyam S. Pattnaik, S. Devi, and S. Raghavan , "Magneto-inductive Waveguide Loaded Microstrip Patch Antenna", International Journal of Microwave Optical Technology, Vol. 7, No.1, Jan 2012.
36. S. Suganthi, S. Raghavan and D. Kumar "Investigation on the Performance of Novel CPW Fed Fractal Inspired Patch Antennas", European Journal of Scientific Research (EJSR), Vol.69, Iss.3, pp.428-440, Jan 2012.
37. Mr. Akkala. Subbarao and Dr. S. Raghavan, "A Miniaturized Ultra Wideband Slot Antenna with Band Notched Characteristic ", International Journal of Microwave Optical Technology, Vol. 6, No.5, pp 278-283, Sep 2011.
38. K. Srijith, M. Deepak, Dr. S. Raghavan , "Effect of Parameter Variation on Microcantilever MEMS Sensors", International Journal of Microwave Optical Technology , Vol. 6, No. 4, pp. 211-216, July, Nov. 2011
39. Mr. G. Jagajothi and S. Raghavan, "Insilico Design and Analysis of Microfluidic channel for separation of Bioparticles by Dielectrophoresis", International Journal of Microwave and optical Technology, ISSN 1553-0396, Vol.6, No.1, pp.11-16, Jan. 2011.
40. Mr. A. Subbarao and Dr. S. Raghavan, "A Compact Band Notched Antenna for Ultra Wideband Applications", International Journal on Information and Communication Technologies, ISSN: 0973-5836, Vol.4, No.1, pp.55-59, January 2011.
41. Srinivasan Ashwyn, S. Raghavan , K. Arun Kumar, V. Subramanian, "Antenna Beam Steering using Broadside Coupled Split Ring Resonators", International Journal of Microwave Optical Technology ,Vol. 6, No. 6, pp. 343-347, Nov. 2011.
42. C. Ramanan, P.Balasubramanian, and S. Raghavan, "Scientometric analysis of Cocunut literature : A Global Perspective", Indian Cocunut Journa, Vol. LIII, No. 7, November 2010, ISSN 0970-0579.
43. Mr. T. Shanmuganantham and Dr. S. Raghavan, "Modeling and Analysis of Printed Antenna using Finite Difference Time Domain Algorithm", International Journal of Engineering Science and Technology, ISSN: 0975-5462, Vol. 2(12), 2010, pp.7055-7064.
44. Ms. M.R. Vidyalakshmi and Dr. S. Raghavan, "Comparison of Optimization Techniques for Square Split Ring Resonator", International Journal of Microwave and Optical Technology, (IJMOT) Vol.5, No.5, pp.280-286, Sep.2010.
45. Mr. T. Shanmuganantham, Dr. S. Raghavan, "A Novel Dual Band Square Piece Patch Antenna for Wireless Applications", Microwave Optical Technology Letters, Wiley Interscience (MOTL), USA, Vol.52, No. 7, pp.1513-1516, July 2010 .
46. Mr. T. Shanmuganantham, Dr. S. Raghavan, "Novel Printed CPW-Fed Slot Antenna for Wireless Applications", Microwave Optical Technology Letters, Wiley Interscience (MOTL), USA, Vol.52, No.6, pp.1258-1261, June 2010.
47. Mr. T. Shanmuganantham, Dr. S. Raghavan, "Suspended Microstrip Patch Antenna for Wireless Applications" International journal of Microwave and optical Technology, Vol.5, No.4, pp.115 – 118., July 2010
48. Mr. T. Shanmuganantham, Dr. S. Raghavan, "Design of Compact Probe Fed Broadband Microstrip Patch Antenna for Wireless Applications", AEU: International Journal of Electronics and Communications, Elsevier, Vol.63, PP 653-659, August 2009.

49. Mr. P. Satheeshkumar, T. Vinopraba, N. Sivakumaran, and S. Raghavan, "Design and implementation of Model Predictive controller for Type I diabetics", Internal journal of Biomedical Engineering and Technology, Inderscience (accepted) .
50. Mr. Akkala. Subbarao and Dr. S. Raghavan, "A Novel CPW - fed Antenna for Ultra wideband Applications", International Journal of Recent Trends in Engineering (IJRTE), Vol. 3, No.3, pp 102-105, May 2010.
51. Mr. D. David Neels Ponkumar, K. Murugesan and Dr. S. Raghavan," A Novel QOS Scheduling for Wireless Broadband Networks", ICTACT International journal on Communication Technolgy, Vol.1, Issue 3, pp.143-148, Sept. 2010.
52. Ms. T. Vinopraba, N. Sivakumaran, T. K. Radhakrishnan, Dr. S. Raghavan, "Modelling and Control of blood glucose regulation in type 1 diabetic mellitus, Measurement and Control", AMSE journals (accepted).
53. Mr. P. Thiruvallar Selvan and Dr. S. Raghavan, "Multi Layer Perceptron Neural Analysis of Edge Coupled and Conductor-Backed Edge Coupled Coplanar Waveguides", Progress In Electromagnetics Research B (PIERS B), Vol. 17, pp.169 -185, 2009.
54. Mr. P. Thiruvallar Selvan and Dr. S. Raghavan, "Neural Model for Circular-Shaped Microshield and Conductor-Backed Coplanar Waveguide", Progress In Electro- magnetics Research M (PIERS M), Vol. 8, 119-129, 2009.
55. Mr. P. Thiruvallar Selvan, and Dr. S. Raghavan, "A CAD Oriented Model for Calculating the Characteristic Parameters of Broadside - Coupled CPW Based on Artificial Neural Networks", International Journal of Microwave and Optical Technology, Vol.4 No.4, pp. 216- 223, July 2009.
56. Dr. S. Raghavan, Mr. T. Shanmuganantham, Mr. M. S. Kishore Kumar, "Reconfigurable Patch Antenna with Switchable L-Slots for Circular Polarization Diversity", Microwave Optical Technology Letters, Wiley Interscience, USA.Vol.50, No.9, pp. 2348-2350, September 2008.
57. Mr. G. Jagajothi, Dr. S. Raghavan, "Estimation of Optical Properties in Biological Tissues Using Monte Carlo Simulation", Journal of Mechanics in Medicine and Biology, Vol. no 7, Number 4, pp. 449-462,2007.
58. Mr. T. Shanmuganantham, Dr. S. Raghavan, "Design of Compact Coplanar Waveguide Fed Slot Antenna for RFID Applications", International Journal of Microwave and Optical Technology, USA, Volume 4, No 1, January 2009.
59. Mr. G. Jagajothi, Dr. S. Raghavan, "Estimation and Measurement of Biological Tissues Using Optical Simulation Method", Progress in Electromagnetics Research M (PIERS M), Volume 6, pp 155-165, 2009.
60. Dr. S. Raghavan, Mr. G. Ramanaiah, "Design of Implantable Antenna", Progress in Electromagnetics Research (communicated).
61. Mr. P.Thiruvallar Selvan, Dr.S.Raghavan, S.Suganthi, "A CAD Neural Model for Quasi-static Analysis of CPW Synthesis", International Journal of Microwave and Optical Technology, USA, Volume 4, No 1, PP 1-8, January 2009.
62. Mr. G. Jagajothi, Dr. S. Raghavan, "Analysis of Biological Tissues Using Laser Reflectometry Method", IJMOT, USA, Vol 4 No. 3, PP 189-194, May 2009.

63. Dr. S. Raghavan, Mr. D. Sriram Kumar, Mr. M. S. Kishore Kumar , "Reconfigurable Patch Slot Antenna for Circular Polarization Diversity", International Journal of Microwave and Optical Technology , U.S.A , Volume 3, No 4, pp 419-425, September 2008.
64. Mr. T. Shanmuganatham, Dr. S. Raghavan, "A CAD Oriented Model of Elevated Coplanar Waveguide for Millimeter Wave Applications", International Journal of Microwave and Optical Technology , U.S.A.Vol. no. 3,Number.4, pp 432-437,September 2008.
65. Dr. S. Raghavan, Mr. T.Shanmuganatham, "Fusion of Technolody in Analysis, Design and Comparison of Numerical Techniques for Rectanngular Microstrip Patch Antenna", WSEAS Transactions on Communications, Issue 8, Volume 7, pp 817-826, August 2008.
66. Mr. P. Thiruvallar Selvan, Dr. S. Raghavan, Ms. S. Suganthi, "A CAD Neural Model For Finite Extent and Lower Ground Plane Coplanar Waveguide", WSEAS Transactions On Computer Research, Accepted.
67. Mr. K. Manikandan, Dr. S. Raghavan, Mr. T. Shanmuganatham, "CPW Fed Tapered Slot Antenna for 5 GHz Band Applications" , International Journal of Microwave and Optical Technology , U.S.A.,Vol. no. 3,Number.1,pp.22 – 26, Jan 2008.
68. Mr. T. Shanmuganatham, Mr. K. Manikandan, Dr. S. Raghavan, "CPW Fed Slot Antenna for Wideband Applications" ,International Journal of Antennas and Propagation, Hindawi Publication, U.S.A.,Volume 2008, pp. 1- 4, 2008.
69. Mr. G. Jagajothi, Dr. S. Raghavan, "An Overview and Biological Tissues Characteristics Using Optical Simulation Method", WSEAS Transactions on Biology and Biomedicine ,Vol. no 4, Issue 1,pp. 7-14, Jan 2007.
70. Dr. S. Raghavan, Dr. B. Bhat, Dr. S. K. Koul, "Coplanar Waveguide Discontinuities An Overview and Detailed Study of a Particular Discontinuity", PIERS 2001,Vol. 2001, July 2001.
71. P. Thiruvallar Selvan and Dr. S. Raghavan, "Artificial Neural Models for conventional CPW on a Dielectric Substrate of Finite Thickness", International Journal of Computer Science and Knowledge Engineering, Vol. 3, No. 1 , January - June 2009, pp 47-50.
72. Dr. S. Raghavan, Mr. P. Sion, "Design of Switched Multiband BANDPASS Filters for IEEE 802.11 a/b/g WLANs", WSEAS Transactions On Communications,Volume 8 ,Issue 8 , pp. 843 -852, August 2009
73. Dr. S. Raghavan, M. G. Anantha Kumar, "Microstrip Patch Antenna for a Retinal Prosthesis and RF MEMS Technology", WSEAS Transactions On Communications , Volume 8 ,Issue 8 , pp. 853-862, August 2009
74. Dr. S. Raghavan, "Fusion of Technology", WSEAS Transactions On Communications,Volume 8 , Issue 8 , pp. 873-882, August 2009.
75. Dr. S. Raghavan, Ms. N. Jayanthi, "Design of Planar inverted F antenna for wireless applications", WSEA Transactions On Communications, Volume 8 , Issue 8 , pp. 863-872, August 2009.

1. C.M. Cynthia and S. Raghavan, "A Flexible Conformal Loop Antenna for Intramuscular Implantable Myoelectric Sensors" Global Conference on Communication Technologies 2015, IEEE (ACCEPTED).
2. S. Imaculate Rosaline,S. Raghavan, "Compact dual band antenna for GSM/WiMAX applications", International IEEE Conference on Signal Processing, Communications and Networking (ACCEPTED).
3. S. Imaculate Rosaline,S. Raghavan, "Metamaterial inspired patch antenna for WLAN application", International IEEE Conference on Signal Processing, Communications and Networking (ACCEPTED).
4. C.Sudheer Reddy, S.Raghavan, "Rhombic CSRR based dual band antenna for wireless applications", IEEE International Conference on Electronics and Communication Engineering 2015 (ICECS'15).
5. Gourav kumar Mehta, S.Raghavan, "Design of Quadruple Meander slot to microstrip patch antenna for RF energy scavenging system", IEEE International Conference on Electronics and Communication Engineering 2015 (ICECS'15).
6. P.Chakrapani, S.Raghavan, "Reconfigurable antenna for wireless communication bands" IEEE International Conference on Electronics and Communication Engineering 2015 (ICECS'15).
7. Deepthi P, S Raghavan, Manju Mohan, "PSoC based Ultra low frequency meter" IEEE International Conference on Circuit, Power and Computing Technologies, ICCPCT.
8. V. Rajeshkumar, S. Raghavan, "A Compact Split Ring Monopole Antenna (SRMA) for WLAN/WAVE/ITU Band Applications" IEEE International Conference on Signal Processing, Informatics Communication and Energy Systems (IEEE SPICES 2015), National Institute of Technology Calicut (NITC), India.
9. M.Ramaraj, Dr. S. Raghavan, "Homomorphic Filtering Techniques for WCE Image Enhancement", 2013 IEEE International Conference on Computational Intelligence and Computing Research (ICCIC), 26 -28 Dec 2013- BEST PAPER AWARD
10. S. Imaculate Rosaline, Dr. S. Raghavan, "Survey on Metamaterials in Bio-Medicine",2013 IEEE International Conference on Computational Intelligence and Computing Research (ICCIC), 26 -28 Dec 2013, BEST PAPER AWARD
11. V. Rajeshkumar, Dr. S. Raghavan, "A compact CSRR loaded dual band microstrip patch antenna for wireless applications",2013 IEEE International Conference on Computational Intelligence and Computing Research (ICCIC), 26 -28 Dec 2013.
12. Suruchi Singh, Dr. S. Raghavan, "Biological Effects of Microwave", IEEE Sponsored International Conference On Information Communication & Embedded Systems" ICIES, S.A. Engineering College, 27th Feb 2014.
13. Nutan Reddy A , Rajeshkumar V, Raghavan S, "Dual band CPW filter using Koch fractal structure", Tenth International Conference on Wireless and Optical Communications Networks WOCN2013 - technically co-sponsored by IEEE, 26 -28 July 2013.
 - A. Nutan Reddy, S. Raghavan, "Split ring resonator and its evolved structure over past decade", IEEE international conference in emerging trends in Computing, Communication and Nanotechnology, Tuticorin, 25-26 March, 2013

14. S. Suganthi, S. Raghavan and D. Kumar, "Miniature Fractal Antenna Design and Simulation for Wireless Applications", International Conference on IEEE Recent Advances in Intelligent Computational Systems (RAICS2011), Trivandrum, 22-24 Sep 2011, pp.51.
15. S. Suganthi, S. Raghavan and D. Kumar, "A Novel Planar Square Fractal Antenna for Wireless Devices", IEEE International Microwave Radar and Remote Sensing Symposium (MRRS 2011) held at Kiev, Ukraine during 25-27 Aug 2011, pp.82-85.
16. S. Suganthi, S. Raghavan, D. Kumar and S. Hosimin Thilagar, "Planar Fractal Antennas for Wireless Devices", IEEE 3rd International Conference on Electronics Computer Technology (ICECT 2011) held at Kanyakumari, 8-10 April 2011, pp.VI-98-102.
17. S. Suganthi, S. Raghavan, D. Kumar et al, "Design and Simulation of Planar Minkowski Fractal Antennas" , IEEE 2nd International Conference on Wireless Communications, Vehicular technology, Information Theory and Aerospace & Electronic Systems Technology (Wireless Vitae 2011)" held at Chennai, 28 Feb to 3rd Mar 2011.
18. Balakrishna, R. Malmathanraj and S.Raghavan, "Compact CPW- Fed Antenna for Wideband application", IEEE Students' Technology Symposium, IIT Kharagpur, 14-16 January, 2011.
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