MEMBERS FROM OTHER UNIVERSITY/INSTITUTIONS(PREFERABLY WITHIN TAMILNADU)

Name : Dr.D.Sriramkumar

Designation: Professor

Department: Electronics and Communication Engineering

Name of the Organization: National Institute of Technology

Place: Tiruchirappalli

Pincode: 6250015

Mobile: 9443494495

Email: srk@nitt.ed

Area of Specialization: Microwave and Optical Engineering, Antenna and Wave Propagation, Carbon Nanotube Antennas, Optical Networks, Flexible Electronics and Photonics

Projects Undertaken

1. RF MEMS component (Reconfigurable antenna), MHRD, 36 months, worth Rs.11 lakhs (As Project Coordinator).
2. Highly-Compact Very Large Mode-Area Hybrid Multi-Trench Optical Fiber for High Power Industrial Lasing Applications, Science and Engineering Research Board(SERB), Department of Science and Technology, worth Rs. 20.89 lakhs (As Co-Principal Investigator).
3. Development of Dense Deployable Massive MIMO antenna system for 5G wireless communications with reduced correlation/ mutual coupling, Science and Engineering Research Board (SERB), Department of Science and Technology, worth Rs. 60 lakhs (As Project Coordinator).

Books

D. Sriram Kumar, Problems and Solutions in Probability, Random Variables and Random Signal Principles by Peyton Z. Peebles, McGraw-Hill Education publications, 2012.

Journals

1. Venkata Rajasekhar Nuthakki, Sriram Kumar Dhamodharan “Bandwidth Enhancement of ZOR Antenna by Loading Novel Via-Less CRLH-TL Unit Cells”, Elsevier, Int. J. Electron. Commun. (AEÜ), 83 (Jan-2018) 501–511, 2018.
2. N V Rajasekhar, D Sriram Kumar, “Metamaterial based Compact UWB Planar Monopole Antennas”, Microwave and Optical Technology Letters (MOTL), Oct-2017 Wiley Periodicals, Inc, Jan-2018.
3. Venkata Rajasekhar Nuthakki, Sriram Kumar Dhamodharan “UWB Metamaterial-based Miniaturized Planar Monopole Antennas”, Elsevier, Int. J. Electron. Commun. (AEÜ), 82 (August-2017) 93–103.
4. Venkata Rajasekhar Nuthakki, Sriram Kumar Dhamodharan “Via-less CRLH-TL unit cells loaded compact and bandwidth-enhanced metamaterial based antennas”, Elsevier, Int. J. Electron. Commun. (AEÜ), 80 (June-2017) 48–58.
5. Kannaiyan, Venkatachalam, Sriram Kumar Dhamodharan, and Robinson Savarimuthu. "Performance analysis of two-dimensional photonic crystal octagonal ring resonator based eight channel demultiplexer." Optica Applicata1 (2017): 7-18.
6. Sudha V., Syamkumar M. and Kumar D. S., “A Low Complexity Modified SLM and Companding based PAPR Reduction in Localized OFDMA”, Wireless Personal Communications, 1-20 (2017).
7. V. Rajasekhar and D. Sriram Kumar, “A miniaturized UWB via-less CRLH-TL loaded CPW FED patch antenna”, Microwave and Optical Technology Letters (MOTL), 2016 Wiley Periodicals, Inc. Vol. 58, Issue 10,pp-2485-2492, October 2016.
8. Prabu, K., and D. Sriram Kumar. "Polarization shift keying based relay-assisted free space optical communication over strong turbulence with misalignment." Optics & Laser Technology 76 (2016): 58-63.
9. Anand S., Sudesh D. M., Kumar, D. Sriram , Investigations on Titanium-Doped Indium Oxide Based Optically Transparent Terahertz U-Shaped Patch Antenna, Journal of Computational and Theoretical Nanoscience, Volume 12, Number 4, April 2015, pp. 660-664(5).
10. Anand S., Sudesh D. M., Kumar D. Sriram; Murthy, C , Analysis of Titanium-Doped Indium Oxide Based Optically Transparent Patch Antenna for Terahertz Communications, Journal of Computational and Theoretical Nanoscience, Volume 12, Number 3, March 2015, pp. 341-344(4).
11. Prabu, K., and D. Sriram Kumar. "MIMO free-space optical communication employing coherent BPOLSK modulation in atmospheric

optical turbulence channel with pointing errors." Optics Communications 343 (2015): 188-194.

12. Prabu, K., Rajeswar Rajendran, and D. Sriram Kumar. "Spectrum analysis of radio over free space optical communications systems through different channel models." Optik-International Journal for Light and Electron Optics 126.11 (2015): 1142-1145.
13. S. Anand, Mayur Sudesh Darak, and D. Sriram Kumar, Analysis of graphene based optically transparent patch antenna for terahertz communications, Physica E: Low-dimensional Systems and Nanostructures, Elsevier, 2014.
14. K. Prabu, D. Sriram Kumar, Wireless Personal Communications, Springer, 2014.
15. Anand, and D. Sriram Kumar, Performance Analysis and Comparison of ITO and FTO Based Optically Transparent Terahertz U-shaped Patch Antennas, Physica E: Low-dimensional Systems and Nanostructures, Elsevier, 2014.
16. S. Anand, Mayur Sudesh Darak, and D. Sriram Kumar, Analysis on Effect of Low Dielectric Permittivity on Indium-doped Tin Oxide based Optically Transparent Terahertz Patch Antenna, Physica E: Low-dimensional Systems and Nanostructures, Elsevier, 2014.
17. K. Prabu, D. Sriram Kumar, T. Srinivas, Performance analysis of FSO systems under strong atmospheric turbulence conditions using various modulation schemes, Optik - International Journal for Light and Electron Optics, Elsevier, Vol. 125, pp. 5573-5581, 2014.
18. K. Prabu, D. Sriram Kumar, Outage Analysis of Relay-Assisted BPSK-SIM Based FSO Systems Over Strong Atmospheric Turbulence with Pointing Errors, International Journal of Computer and Communication Engineering, vol. 3, pp. 317-320, 2014.
19. K. Prabu, D. Sriram Kumar, BER Analysis of BPSK-SIM based SISO and MIMO FSO systems in strong turbulence with pointing errors, Optik - International Journal for Light and Electron Optics, Elsevier, 2014 (In press)
20. K. Prabu, D. Sriram Kumar, Performance analysis of free-space optical systems employing binary polarization shift keying signaling over gamma-gamma channel with pointing errors Optical Engineering, SPIE, 2014.
21. S. Anand, D. Sriram Kumar, Ren Jang Wu, and Murthy Chavali, Graphene nanoribbon based terahertz antenna on polyimide substrate, Optik - International Journal for Light and Electron Optics, Elsevier, vol. 125, pp. 5546–5549, 2014.
22. K. Prabu, and D. Sriram Kumar, BER analysis of DPSK-SIM over MIMO free space optical systems with misalignment, Optik, Elsevier, 2014.

23. S. Anand, Mayur Sudesh Darak, and D. Sriram Kumar, Journal of Computational and Theoretical Nanoscience, ASP, 2014 (In Press).

24. K. Prabu, Shashidhar Cheepalli, and D. Sriram Kumar, Analysis of PolSK based FSO system using wavelength and time diversity over strong atmospheric turbulence with pointing errors, Optics Communications, vol. 324, pp. 318-323, Elsevier, 2014.

25. S. Anand, Mayur Sudesh Darak, D. Sriram Kumar, and Murthy Chavali, Journal of Computational and Theoretical Nanoscience, ASP, 2014 (In Press).

26. S. Anand, D. Sriram Kumar, Ren Jang Wu, and Murthy Chavali, Analysis and design of optically transparent antenna on photonic band gap structures, Optik, Elsevier, 2014.

27. Levy Mounissamy, Sriram Kumar Dhamodharan, and Anh Van Dinh, Analysis of nonlinear fractal optical antenna arrays, Progress In Electromagnetics Research B, 2013.

28. Nebu Pulickal, A. K. Prakash and D. Sriram Kumar, A Survey on UWB and Reconfigurable Antennas for Cognitive Radio Application, International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering, Vol. 2, Issue 12, 2013.

29. D. Sriram Kumar, Malmathanraj Ramanathan, R. Mohan and S. Uma maheswari, Mammogram tumor classification using modified Segmentation techniques, International Journal of Biomedical Engineering and Technology, 2013.

30. Levy Mounissamy, Sriram Kumar Dhamodharan, and Anh Van Dinh, Analysis of Novel Fractal Optical Antenna Arrays - A Conceptual Approach, Progress In Electromagnetics Research M, vol. 32, pp. 83-93, 2013.

31. K. Prabu, Sumanta Bose, and D. Sriram Kumar, BPSK based Subcarrier Intensity Modulated Free Space Optical System in Combined Strong Atmospheric Turbulence, Optics Communications, vol. 305, pp. 185-189, Elsevier, 2013.

32. M. Levy, Sumanta Bose, D. Sriram Kumar, and Anh Van Dinh, Rapid Beam Forming in Smart Antennas using Smart-Fractal Concepts employing Combinational Approach Algorithms; Microstrip Antennas: Future Trends and New Applications, International Journal of Antennas and Propagation, Hindawi Publications, 2012.

33. M. Levy, S. Bose, A.V. Dinh, and D. Sriram Kumar, A Novelistic fractal antenna for Ultra Wide Band (UWB) Applications, Progress In Electromagnetic Research B, 45, 2012, 369-393.

34. M. Levy, D. Sriram Kumar, and Anh Van Dinh, Levy's power conservation method (LPCM) –an innovative approach for efficient power saving and reduced electromagnetic radiation strategies, IJREAS, 2, 2012.

35. N. Gunavathi, B. Rebekka and D. Sriram Kumar, CPW fed 5 GHz WLAN band notched UWB antenna, UPA International Journal of Image processing and network techniques, vol. 4, pp. 1-5, 2011.
36. Sulakshana, Ch., and D. Sriram Kumar, A CPW-fed Rectangular Patch Antenna for WLAN / WiMAX Applications, ACEEE International Journal on Communication, 1, 2010.
37. D. Sriram Kumar, Vignesh Sundaram, Arpit Raj, and Anand Krishnan, Bend discontinuities with emphasis on annular and c-bends - An analysis using IE3D and ANSOFT, International Journal of Soft Computing, Medwell Journals, vol. 4, pp. 109-115, 2009.
38. D. Sriram Kumar, G. Surya Prakash and C.P. Mohammed Rafi, Effect of slot parameters and feed inset on CPW-Fed slot dipole antennas-Analysis, International Journal of Microwave and Optical Technology, vol. 4, pp. 144-149, 2009.
39. S. Raghavan, D. Sriram Kumar, and M.S. Kishore Kumar, Reconfigurable Patch Slot Antenna for Circular Polarization Diversity, International Journal of Microwave and Optical Technology, vol. 3, pp. 419-425, 2008.

International and National Conferences :

1. G Bharath Reddy, D Sriram Kumar , “Broadband Simultaneously Dual Circularly Polarized Planar Monopole For Single Antenna Diversity Reception and Transmission”, NCC2018, IIT Hyderabad.
2. G Bharath Reddy, D Sriram Kumar “Miniaturization Of Microstrip Slot Antenna Using SRR And CSRR Loading”, ICMAP-2018, IIT Dhanbad.
3. G Bharath Reddy, D Sriram Kumar , Broadband Circularly Polarized Monopole Antenna With A Compact Ground Plane For X- Band wireless Applications, IEEE-iAIM2017, Bangalore
4. G Bharath Reddy, D Sriram Kumar , “A super Wideband Elliptical loop Loaded tapered monopole antenna”, ICMOC-17, ACCET, KARAIKUDI
5. G Bharath Reddy, D Sriram Kumar“A Cylindrical Pin Loaded Rectangular DRA For Wide Band Applications”, APSYM-16, CUSAT, COCHIN
6. V. Rajasekhar, D. Sriram Kumar, Metamaterial based Via-less CRLH Unit Cells loaded CPW fed UWB Planar Monopole Antenna", IEEE International Symposium on Antennas & Propagation (APSYM-2016), CUSAT, KERALA, 15-17 December 2016.
7. V. Rajasekhar, Harish Aditya, D. Sriram Kumar, "Bandwidth Enhancement of Planar Monopole Antenna by loading Metamaterial based Via-less CRLH Unit Cells", IEEE Indian Antenna Week, Thiagarajar College of Engineering, Madurai,Tamilnadu,6-10 June 2016.

8. V. Rajasekhar, D. Sriram Kumar, "A Triple band Compact Asymmetric Monopole SRR based Antenna for WiMAX, WLAN and RFID Applications", IEEE International Conference on Microwave, Optical and Communication Engineering, IIT Bhubaneswar,Odisha,18-20 Dec 2015.

9. Srikanth, S.; Sriram, P.; Kumar, D.S., "Performance analysis of OFDM employing free space optical communication system," in Electronics and Communication Systems (ICECS), 2015 2nd International Conference on , vol., no., pp.70-74, 26-27 Feb. 2015.

10. S. Anand, D. Sriram Kumar, Investigation of nanocomposites based antennas for GHz and THz Communications, Indian Institute of Science (IISc), Bangalore, January 28-30, 2015.

11. S. Anand, D. Sriram Kumar, International OSA Network of Students (IONS – Asia 6 Kharagpur), Indian Institute of Technology (IIT) - Kharagpur, Optics InfoBase (OSA) Proceedings, Optical Society of America (OSA), December 10–12, 2014 (OSA Best paper award) .
12. S. Anand, D. Sriram Kumar, 6th IEEE Asia-Pacific Conference on Applied Electromagnetics (APACE), Malaysia, December 08-10, 2014.
13. Mayur Sudesh Darak, D. Sriram Kumar, Bandwidth Enhancement of a Patch Antenna by Loading Complementary K-shaped Artificial Magnetic Conductors in Ground Plane, 6th IEEE Asia-Pacific Conference on Applied Electromagnetics (APACE), Malaysia, December 08-10, 2014.
14. Prabu K, and Sriram Kumar D., Outage Analysis of Relay-Assisted BPSK-SIM Based FSO Systems Over Strong Atmospheric Turbulence with Pointing Errors, 2014 the 3rd International Conference on Wireless and Optical Communications (ICWOC 2014), May 24 – 26, 2014, Singapore.

15. Sandeep Ch., Mayur Sudesh Darak, Anand S., and Sriram Kumar D., International Conference on Electrical, Electronics and Communication Engineering (ICEECE), Chennai, May 10, 2014.

16. Kapil Dungriyal, Anand S., and Sriram Kumar D., Performance of MIR-LMS algorithm for adaptive beam forming in smart antenna, Intenational conference on electrical, electronics and computer engineering (IACEECE), Chennai, April 20, 2014.

17. Sarvesh Singh Azad, and Sriram Kumar D., BER performance comparison in demodulated schemes based on back scatter analysis of piggyback modulation for passive UHF RFID tags, Intenational conference on computer science and mechanical engineering (ICCSME), Chennai, April 13, 2014.

18. Shyam Prasad Reddy D., Sudha V., Sriram Kumar D., Low Complexity PAPR Reduction in OFDM using Both Selective Mapping and Clipping Methods, IEEE International Conference on Communication and Signal Processing(ICCSP-2014), Adhiparasakthi Engineering College, Melmaruvathur, April 3-5, 2014, India.

19. Anand, S., Mayur Sudesh Darak, and Sriram Kumar D., International conference on Light, Organized by National Institute of Technology (NIT C), Calicut, March 19-21, 2014, American Institute of Physics.

20. Mayur Sudesh Darak, Anand S., and Sriram Kumar D., Design and analysis of a K-shaped electromagnetic metamaterial structure, International conference on Light, Organized by National Institute of Technology (NIT C), Calicut, March 19-21, 2014, American Institute of Physics.

21. Menaka Devi, N., Arthi T., Anand S., and Sriram Kumar D., Analysis and design of glass fiber based aperture coupled micrstrip patch antenna for conformal antenna applications, International conference on Light, Organized by National Institute of Technology (NIT C), Calicut, March 19-21, 2014, American Institute of Physics.

22. Jeyarani J, and Sriram Kumar D., Relay and forward networks in Free Space Optical Communication – A Qualitative Analysis, International conference on Light, Organized by National Institute of Technology (NIT C), Calicut, March 19-21, 2014, American Institute of Physics.

23. Anand, S., Mayur Sudesh Darak, and Sriram Kumar D., International symposium on signal processing and intelligent recognition systems, Organized by Indian Institute of Information Technology and Management-Kerala (IIITM-K), March 13-15, 2014, Springer International Publishing, pp. 195-202.

24. Gunavathi N., and Sriram Kumar D., A Compact Coplanar Waveguide-fed Slot Antenna for UWB Applications, IEEE International Conference on Electronics and Communication System (ICECS 2014), Coimbatore, Tamilnadu. February 13-14, 2014.

25. Gunavathi N., and Sriram Kumar D., A Simple CPW- fed Octagon Shaped Antenna for HiperLAN/2 and WLAN Applications, IEEE International Conference on Electronics and Communication System (ICECS -2014), Coimbatore, Tamilnadu. February 13-14, 2014.

26. Sudha V., and Sriram Kumar D., PAPR Reduction of OFDM System using PTS method with different Modulation Techniques, IEEE International Conference on Electronics and Communication System (ICECS -2014), Coimbatore, Tamilnadu. February 13-14, 2014.

27. Sudha V., Sneha Balan, and Sriram Kumar D., Performance analysis of PAPR Reduction in OFDM system with Distortion and Distortion Less Methods, IEEE International Conference on Computer Communication and Informatics (ICCCI-2014), Coimbatore, Tamilnadu, January 3-5, 2014.

28. Prabu K., Paridhi Bharati P, and Sriram Kumar D., Performance Analysis of DPSK-SIM based FSO System over Strong Atmospheric Turbulence Channel, IEEE INDICON IIT Bombay, India, December 2013.

29. Madhusudan G.S., Sriram Kumar D., Vidyalakshmi M.R., and Rao P.H., Complementary Triangular SRR and inverted U-slot loaded UWB printed monopole antenna with dual band notch characteristics, 21st International Symposium on Electromagnetic Theory (EMTS 2013), held in Hiroshima, Japan, May 20-24, 2013.

30. Madhusudan G.S., Ravikumar K.R.S., Sriram Kumar D., Prasad S., Sridhar K., and Rao P.H.,Reconfigurable Complementary Triangular Split Ring Resonator, META'13, The 4th International Conference on metamaterials, photonic crystals and plasmonics, Sharjah, United Arab Emirates, March 18-22, 2013.

31. Levy M., Sriram Kumar D., and Anh Van Dinh, A novel fractal UWB antenna for earthquake and tsunami prediction application (LETPA), 26th IEEE Canadian Conference of Electrical and Computer Engineering (CCECE), March 2013.

32. Prabu K., Sumanta Bose, and Sriram Kumar D., Analysis of optical modulators for Radio over Free Space Optical Communication Systems and Radio over Fiber Systems, IEEE INDICON, Kochi, India, December 2012.

33. Gunavathi N., Sriram Kumar D., and Uma Shrestha, Sleeve monopole antenna for WiMAX applications, India Conference (INDICON), IEEE INDICON Kochi, India, December 2012.

34. Levy M., Sriram Kumar D., Anh Van Dinh and Sumanta Bose, A Novelistic Approach for Rapid Beam Forming in Smart Antennas for Wireless Applications using Smart-Fractal concepts and New Algorithm, IEEE International Conference on Advances in Mobile Network, Communication and its Applications (MNCApps 2012), Bangalore, India, August 2012.

35. Sumanta Bose, Prabu K, and Sriram Kumar D., Real-Time Breath Rate Monitor based Health Security System using Noninvasive Biosensor, IEEE 3 International Conference on Computing, Communication and Networking Technologies (ICCCNT 2012), Coimbatore, India, July 2012.

36. Sumanta Bose, Prabu K., and Sriram Kumar D., Array Signal Processing and Optimization using Algorithms in Nature, International Proceedings of Computer Science and Information Technology (IPCSIT), April 2012.

37. Levy M., and Sriram Kumar D., Novel algorithms for rapid beam forming in optical antennas for microwave photonic applications using smart – fractal concepts, 4th IETE Icon Conference, Bangalore, October 14 – 16, 2011, pp. 16-23.

38. Arun Kumar K., Ashwath R., Sriram Kumar D., and Malmathanraj R., Optimization of multi slotted rectangular Microstrip patch antenna using ANN and bacterial foraging optimization, 2010 AsiaPacific International Symposium on Electromagnetic compatibility, Beijing, China, 2010.

39. Levy M., and Sriram Kumar D., Certain Investigations on the development of rapid beam forming for smaller antennas using fractal concepts, The National Conference on mobile and embedded technology, Amity University, Noida, Uttar Pradesh, March 10-11, 2011.

40. Anil Kumar Yadav, and Sriram Kumar D., Novel slotted leaky wave antenna with back lobe suppression and improved gain for wireless application, The National Conference on mobile and embedded technology, Amity University, Noida, Uttar Pradesh, March 10-11, 2011.

41. Sriram Kumar D., Smart antennas for wireless applications (Invited paper), The National Conference on mobile and embedded technology, Amity University, Noida, Uttar Pradesh, March 10-11, 2011.

42. Suresh Kumar M., Manisha D. Mujumdar, and Sriram Kumar D., CPW-Fed Antenna with Two Rectangle Slots for RFID/Wideband applications, International Conference on Advances in Computer Engineering, 2010.

43. Suresh Kumar M., Manisha D. Mujumdar, and Sriram Kumar D., CPW-fed Antenna with Two Rectangle Slots for Wideband application, IEEE proceedings, 2010.

44. Manisha D. Mujumdar, Sriram Kumar D., and Suresh Kumar M., Modeling of Carbon Nanotubes as Dipole Antennas, Proceedings of the 2010 IEEE Students' Technology Symposium, IIT Kharagpur, April 3-4,2010.

45. Islavath, Balakrishna, Suresh Kumar M., and Sriram Kumar D., CPW-fed antenna for 2.4 GHz WLAN application, IEEE proceedings, 2010.

46. Suresh Kumar M., Islavath, Balakrishna, and Sriram Kumar D., Compact novel CPW- fed antenna for WLAN Application, IEEE proceedings, 2010.

47. Sulakshana Ch., and Sriram Kumar D., A CPW-fed rectangular patch antenna for WLAN/WiMAX applications, Proc. Of the Int. Conf. on Control, Communication and Power Engineering, 2010.

48. Islavath, Balakrishna, Suresh Kumar M., and Sriram Kumar D., A compact novel CPW- fed antenna for WLAN/RFID applications, ICCCCT-10, IEEE proceedings, 2010.

49. Sriram Kumar D., Malmathanraj R., and Arun Kumar V., An analysis of target tracking methods for phased array antenna, National conference on recent trends and research issues in antennas, Feb. 9 & 10, 2010.

50. Riyaz Hussain S.K., Kareemulla S.K., and Sriram Kumar D., Compact CPW- fed Antenna with semicircle on two rectangular patches for WLAN application, DIPED-2010 Proceedings, 2010.

51. Riyaz Hussain S.K., Suresh Kumar M., and Sriram Kumar D., Microstrip antenna for dual band/wireless application, DIPED-2010 Proceedings, 2010.

52. Sulakshana Ch., and Sriram Kumar D., A CPW-fed rectangular patch antenna for wideband RFID applications, VAST, Thrissur, Proceedings of NCOCN'10.

53. Sriram Kumar D., Mukesh Kumar Verma, and Sushil Pandey, Circularly polarized reconfigurable microstrip patchslotantenna, International conference on optoelectronics, information and communication technologies (ICOICT 2009), Trivandrum, Kerala, India, February 26 – 27, 2009.

54. Aswadha Narayanan Shyam Sundar, Raghavan S., and Sriram Kumar D., CPW structures & discontinuities beta plots of coplanar waveguide structures, International conference on optoelectronics, information and communication technologies (ICOICT 2009), Trivandrum, Kerala, India, February 26 – 27, 2009.

55. Aswadha Narayanan Shyam Sundar, Raghavan S., and Sriram Kumar D., Implantable Antennas, International conference on optoelectronics, information and communication technologies (ICOICT 2009), Trivandrum, Kerala, India, February 26 – 27, 2009.

56. Sriram Kumar D., et. al., A Novel Reconfigurable Microstrip Antenna, ICIIS – 2008, IIT Kharagpur, December 8-10, 2008.

57. Sriram Kumar D., and Gopi Krishna Varma G., Smart Antennas for MIMO-SDMA-An Overview and Modeling, Proceedings of International Conference on Microwave- 08, 2008.

58. Sriram Kumar D., Srinivas A., and Ratnakar G., Simulation and Analysis of Coplanar waveguide (CPW) Discontinuities, Proceedings of International Conference on Microwave- 08, 2008.

59. Sriram Kumar D., et. al., Analysis of Broad band FGCPW discontinuities, IEEE TENCON 2008, University of Hyderabad. Andhra Pradesh, India Hyderabad, November 18 – 21, 2008.

60. Sriram Kumar D., et. al., A Novel Reconfigurable Square slot Antenna with multiple polarizations using cross- patch with CPW–feed an Analysis", IEEE, TENCON 2008, University of Hyderabad. Andhra Pradesh, India, November 18-21, 2008.

61. Sriram Kumar D., et. al., Effect of slot and substrate parameters on CPW – Fed slot Antenna - An Analysis, Recent Advances in Microwave Theory and Applications, University of Rajasthan, Jaipur, November 21-24,2008.

62. Bhavatharini S., Raghavan S., and Sriram Kumar D., CAD Tools for Antennas, International Conference on Microwave Theory and Applications, Jaipur, Rajasthan, Nov 21 -24, 2008.

63. Raghavan S., Sriram Kumar D., and Sathish Kumar S., Antenna gain determination using a microwave CAD tool using HFSS, International Conference on Microwave Theory andApplications, Jaipur, Rajasthan, Nov 21 -24, 2008.

64. Jeyachitra R.K., Sudha V., and Sriram Kumar D., Simultaneous all optical frequency up conversion using OFWM – HNL high conversion efficiency PCF for WDM ROF applications, IETE conference on RF & Wireless (ICORN RFW – 08), Bangalore, April 24-26, 2008.

65. Sukanesh R., Jeyachitra R.K., Sriram Kumar D., and Syamsudarbabu, A full duplex radio over fiber transport system, IETE conference on RF & Wireless (ICORN RFW – 08), Bangalore, April 24-26, 2008.

66. Sriram Kumar D., et. al., Design of an Ultra broad band CPW Cascaded Band Pass Filter, 2nd National Conference on Recent Trends in Electronics and Communication (NCRTEC), SJB Institute of Tech., Bangalore, 2008.

67. Sriram Kumar D., et. al., Square slot Antenna with multiple polarizations using cross-patch with CPW–feed an Analysis, IETE-2008 Bangalore, 2008.

68. Sriram Kumar D., et. al., Broad band Analysis of CPW Discontinuities, National Conference on Research & Development in Hardware & Systems (CSI-RDHS 2008), Kolkata, India, 2008.

69. Sriram Kumar D., et. al., Reconfigurable Square Slot Antenna with multiple polarizations using cross-patch with CPW–feed an Analysis, National Conference on Research & Development in Hardware & Systems (CSI-RDHS 2008), Kolkata, India, 2008.

70. Sukanesh R., Jeyachitra R.K., and Sriramkumar D., Simultaneous all Optical Frequency up conversion using OFWM-HNL-High conversion efficiency PCF for WDM ROF applications, IETE Conference on RF &Wireless (ICORN RFW-08), Bangalore, April 24-26, pp no:24, 2008.

71. Shanmuganantham T., Raghavan S., and Sriram Kumar D., Comparison of Numerical Techniques for Rectangular Microstrip Patch Antenna, IEEE International Conference on Applied Electromagnetics 2007 (AEMC 2007), Kolkata, India, IEEE proceedings, December 19-20, 2007.

72. Jeyachitra R.K., Sriramkumar D., and Krishna Bharath, THZ photonics and its Applications,Advanced Communication systems – ICACS-2007, Government College of Technology, Coimbatore, Jan 10- 12, 2007.

74. Jeyachitra R.K., Sriramkumar D., and Krishna Bharath, THZ photonics, The institution of Engineers(IE) India, Bhilai centre and Shri Shankaraya College of Engineering and Technology,Bhilai January 6-7, 2007.

75. Sriramkumar D., Jeyachitra R.K., and Krishna Bharath, Evolution of Photonic crystal fiber quality in Electronics and Communication, All India

Seminar on Challenges for quality and Reliability, National Institute of Technology, Rourkela, Orissa, India, November 4-5, pp 207-213, 2006.

76. Jeyachitra R.K., and Sriramkumar D., Emerging Trends in ROF Technology for Broadband Wire/Wireless access systems, National Conference on Emerging Trends in Communication Systems, Arunai Engineering College, Tiruvannamalai, Tamilnadu, April 7-8, 2006.