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List of publications in International/National journals and Conferences

1. J.Monica and **P.Jothilakshmi**, “A Design of Bandwidth Enhanced Conformal Antenna for Aircraft Applications”, published in the IETE Journal of research, Taylor and Francis Ltd, United Kingdom, ISSN 0974-780X, 0377-2063, SCI (Expanded) indexed, Impact factor 1.125.
2. J.Monica and **P.Jothilakshmi**, “A Novel Gain Enhanced Conformal Patch Antenna with Defected Ground for Aircraft Applications”, International Journal **IET Communications**, England, October 2019, Online ISSN 1751-8636 Print ISSN 1751-8628, **SCI indexed, Impact factor 1.779**.
3. **P.Jothilakshmi Vishnu Prakash**, Raju Srinivasan, “Miniaturised Multiband Two-Element Coaxial Transverse Stub Antenna for Satellite C-band Applications”, **IET Microwaves, Antennas and Propagation, England**, DOI: 10.1049/ietmap.2013.0346, Available online: 22 January 2014, Print ISSN 1751-8725, Online ISSN 1751-8733, vol. 8, no.7, pp.474-481, May 14, 2014, **SCI indexed, Impact factor 2.03**
4. Jayanthi Ganapathy and **Dr.P.Jothilakshmi**, “Prediction of Traffic Volume by Mining Traffic Sequences Using Travel Time based Prefix span”, **IET Intelligent**

Transport Systems, 10.1049/iet-its.2018.5165, Print ISSN 1751-956X, Online ISSN 1751-9578, Volume13, Issue7, pp.1199 –1210, Available online from 1st April 2019 and Print ISSN from 1st July 2019, **England, SCI indexed, Impact factor 2.05**

5. Jayanthi Ganapathy and **Dr.P.Jothilakshmi**, Traffic Time Series Forecasting on Highways - A Contemporary Survey of Models, Methods and Techniques, accepted for publication in **International Journal of Logistics Systems and Management, Interscience publishers, England**, Print ISSN 1742-7967, EISSN 1742-7975, Elsevier indexed with **impact factor 1.2**.

6. E.S.Lakshmi, **Dr.P.Jothilakshmi**, “Design of Frequency Reconfigurable Array Antenna for Cognitive Radio Applications”, Published in the **International Journal of Advanced Research in Dynamical and Control Systems (JARDCS)**, ISSN:1943023X, Vol.11, Special issue.3, pp.1405-1411, May 2019, **Impact factor 0.11, Scopus indexed, USA**.

7. A.Sivabalan and **Dr.P.Jothilakshmi**, “Microstrip Wearable O-Shaped Reconfigurable antenna for Medical Applications”, **International Journal of Recent Technology and Engineering (IJRTE)**, Vol.8, issue1, May 2019, EISSN: 2277-3878, pp.318-324 (**Scopus Indexed**).

8. Arun Kumar.A and **Jothilakshmi.P**, on “Design and analysis of Circular Patch Fractal Antenna for Radar Application”, **Middle-East Journal of Scientific Research**, ISSN 1990-9233, no:24(S1), pp.43-48, 2016 (**Scopus Indexed**).

9. S.Vijayalakshmi, **Dr.P.Jothilakshmi**, “Design And Implementation of Wideband Antenna Using Semi Elliptical Ground Plane For Ultra-Wideband Application”, **International Journal of Pure and Applied Mathematics**, Volume 117, No. 16, 2017, pp.417-425, ISSN: 1311-8080 (Print) ISSN: 1314-3395 (on-line) **Impact factor 0.25, Scopus Indexed**.

10. K.Shahida Salma and **P.Jothilakshmi**, on “Performance Enhancement of Modified Multiband Stacked Microstrip Patch Antenna for Wireless Communication”, **Middle East Journal of Scientific Research**, ISSN1990-9233;
DOI:10.5829/idosi.mejsr.2016.24.IIECS.23149,pp.120-125,**Scopus indexed**.
11. **P.Jothilakshmi** and S.Raju, "A Novel Coaxial Continuous Transverse Stub Antenna Array for High-Frequency Satellite Applications”, **WSEAS Transactions on Communications, Greece**, volume 13, 2014, pp:309-317,E-ISSN: 2224-2864,
indexed by Scopus and Elsevier (Impact Factor - 0.17).
12. **P.Jothilakshmi**, R.K.Vigneshwaran, R.Narasimman, B.Praveen, "Design and Development of Quad-Band H-Shaped Microstrip Patch Antenna for WiFi and LTE Applications”, **WSEAS Transactions on Communications, Greece**,volume 13, 2014,pp:234-241,E-ISSN: 2224-2864, **indexed by Scopus and Elsevier (Impact Factor - 0.17)**.
13. **P.Jothilakshmi**, S.Raju, "Design and Analysis of Miniaturized Multiband High Frequency Antenna for K and Ka Band Applications”, **WSEAS Transactions on Communications, Greece** in the issue 12, volume 12, December 2013, pp: 670-681, E-ISSN: 2224-2864, **indexed by Scopus and Elsevier (Impact Factor - 0.17)**.
14. **P.Jothilakshmi** and S.Shangaralavakusaraja, “Design and Implementation of Reconfigurable Microstrip Patch Antenna for S-Band Applications”, **WSEAS Transactions on Communications, Greece**, volume 13, 2014, pp.178-185, E-ISSN: 2224-2864, **indexed by Scopus and Elsevier (Impact Factor - 0.17)**.
15. **P.Jothilakshmi** and S.Raju, “Design of Double Inclined Co-Axial Continuous Transverse Stub Antenna Array for Wireless Communication” published in the **International Journal of Microwave and Optical Technology (IJMOT)**, USA for May2015 issue, Vol.10, No3,pp.160-167, ISSN : 1553-0396, **Impact factor 0.121**,

Scopus Indexed.

16. **P.Jothilakshmi** and S.Raju, “Implementation of a Miniaturized Single Element Coaxial Continuous Transverse Stub Antenna for Microwave Application”,

International Journal of Microwave and Optical Technology (IJMOT), USA for July 2015 issue, Vol.10, No.4, pp. 245-253, ISSN : 1553-0396 **Impact factor 0.121**,

Scopus Indexed.

17. **P.Jothilakshmi** and V.Ramkumar, J. Bharanitharan and M.Sai Srikar, “Analysis of Different Wearable Textile Substrate Using Aperture Coupled Microstrip Patch Antenna for ISM Band”, **International Journal of Applied Engineering Research (IJAER)** for Feb’2015, Vol.10,issue No.4, pp. 5257-5269, ISSN 0973-4562 **Impact factor 0.125, Scopus Indexed.**

18. **P.Jothilakshmi**, J. Bharanitharan, V. Ramkumar, C.Shyam and V.Sai Dushyanth Reddy, “Performance Enhancement And Implementation of Aperture Coupled Fractal Antenna For WIMAX and WLAN Application” published in the **International Journal of Applied Engineering Research (IJAER)** for Feb’2015, Vol.10, issue No.4, pp.11113-11131, ISSN 0973-4562 **Impact factor 0.125, Scopus Indexed.**

19. S.Keerthana, **Dr.P.Jothilakshmi**, “Design of Microstrip Patch Antenna For 5G Mobile Communication”, published in International Journal of Innovative Research in Technology. volume 6, issue 12, pp.745-751, ISSN: 2349-6002, May 2020 UGC approved (No:47859).

20. **Dr.P.Jothilakshmi**, R.Kanimozhi and R.Mohanasundaram “Analysis of Multilayer Patch Antenna”, International Journal of Scientific Research in Physics and Applied Sciences, Vol.7, Issue.4, pp.8-14, August 2019,EISSN:2348-3423, UGC Approved, UGC No. 63781.

21. R. Gokul, R.Gowtham, N.Arvind Bharathy and **Dr.P.Jothilakshmi**, “Design and

Implementation of Pattern Reconfigurable antenna for Microwave application”,
Cikitusi Journal for Multidisciplinary, ISSN NO: 0975-6876, Vol.6, issue4, pp.628-
631, **UGC Approved**, UGC No. 40784, 2019.

22. **Dr.P.Jothilakshmi**, R.Mohanasundaram, D.K.Iniyavan and S.Jithin, “Design and
Fabrication
of 5.8 GHz ISM Band Microstrip Patch Antenna Through Aperture Coupled Feeding
Technique”, International Journal of Emerging Technologies and Innovative Research,
ISSN:2349-5162, May 2019, Vol.6, issue 5,pp.449-455, **UGC Approved**, UGC No. 63975.

23. G.Adhitya, V.Abishek, R.Mohana Sundaram and **Dr.P.Jothilakshmi**, “Design of
Microstrip Antenna for X Band Satellite Communications”, International Journal of
Research and Analytical Reviews, May 2019, Volume 6, Issue 2, pp.342-344 (**UGC
ISSN APPROVED: 43602**).

24. E.S.Lakshmi and **Dr.P.Jothilakshmi**, “Design of Frequency Reconfigurable Antenna
Using a Defective Ground Structure With Pattern Agility for Cognitive Radio
Applications”, International Journal of Research and Analytical Reviews, May 2019,
Volume 6, Issue 2, pp.352-356 (**UGC ISSN APPROVED: 43602**).

25. B.Kishor Kumar, R.Mohanasundaram and **Dr.P.Jothilakshmi**, “Design of
Multilayer Stacked Patch Antenna for C and X band Applications”, International
Journal of Scientific Research and Review, ISSN No:2279-543X, Vol.8,issue3,
pp.1103-1109, 2019. (**UGC ISSN APPROVED: 64650**).

26. D.Vidhya and **Dr.P.Jothilakshmi**, “Design and Implementation of a Wideband
Frequency Reconfigurable Antenna for Satellite Application”, International Journal
of Innovation in Engineering Research & Management, ISSN: 2348-4918 **UGC
Approved Journals No.48708**, Volume 05,Issue02, pp.1-5, April 2018.

27. **Dr.P.Jothilakshmi**, J.Bharanitharan and N.Varnikha, “Aperture Coupled Fractal Antenna for

Wi-Max and WLAN Applications”, International Journal of Modern Electronics and Communication, ISSN:2321-2152, Volume No.7, Issue No.5,pp.14-18, September, 2019.

28. **Dr.P.Jothilakshmi** and R.Mohana Sundaram, “A Novel Microstrip Antenna for ISM band and WLAN Applications”, accepted for publication in the i-manager’s Journal on Communication Engineering and Systems, PISSN: 2277-5102, EISSN Online: 2277-5242.

29. **Dr.P.Jothilakshmi**, N.V.Laxmi Narayen, G.Lokeshwaran, K.S.Murugan, “Design of Conformal Antenna”, i-manager’s Journal on Electronics Engineering (JELE), vol.9, issue4, pp.25-31, June-August’2019, ISSN Print: 2229-7286, ISSN Online: 2249-0760,2019.

30. **Dr.P.Jothilakshmi** and R.Mohana Sundaram, “Compact Dumbbell Shape Antenna for S-Band

Communication”, i-manager’s Journal on Communication Engineering and Systems, PISSN: 2277-5102, EISSN Online: 2277-5242, Vol.8, issue 3, pp.7-12. May-Jul’19.

31. **Dr.P.Jothilakshmi** and R.Mohana Sundaram, “A Leaf Shape Patch Radiator For X Band Satellite”, i-manager’s Journal on Communication Engineering and Systems, PISSN: 2277-5102, EISSN Online: 2277-5242, Vol.8, No.2, Feb’2019-April 2019.

32. **Dr.P.Jothilakshmi**, P.Maveerapandi, D.Lakshmi Prasanna and V.Vaishnavi, “Simulation and

Analysis of Aperture Coupled Patch Antenna for S-Band Communication”, International Journal of Scientific Research in Multidisciplinary Studies, Vol.5, Issue.8, pp.114-121, Aug-2019, E-ISSN: 2454-9312, P-ISSN: 2454-6143.

33. **Dr.P.Jothilakshmi** and M.Benazir, “Design and Implementation of Fractal Antenna For SWB Applications”, International Journal of Scientific Research in Multidisciplinary Studies, Vol.5, Issue.8, pp.101-107, August 2019, E-ISSN: 2454-9312, P-ISSN: 2454-6143.

34. E.S.Lakshmi and **Dr.P.Jothilakshmi**, “Design of Frequency Reconfigurable Antenna Using a

Defective Ground Structure for Wireless Applications”, International Journal of Scientific

Research and Review, ISSN NO: 2279-543X, pp.1278-1286, Volume 8, Issue 6, 2019.

35. S.Saravana Yogesh, Z. Sheikh Nizamudeen, R. Rajashekhar, C.Gomatheeswari Preethika and **Dr.P.Jothilakshmi**, “Design of Metasurface Wide Band Antenna for C Band Applications ”, International Journal of Scientific Research and Review, ISSN NO: 2279-543X, pp.1278-1286, Volume 8, Issue 6,2019.

36. R.Gurucharan, K.Aakash, V.S.Gowtham, R.Mohanasundaram and **Dr.P.Jothilakshmi**, “Design of Frequency Reconfigurable Antenna Using a Defective Ground Structure for Wireless Applications”, International Journal of Scientific Research and Review, ISSN NO: 2279-543X, pp.1270-1277, Volume 8, Issue 6, 2019.

37. **P.Jothilakshmi** Vaaibhav M. Lodd, V.Shakthi Ashwin, S.K.Nagarjun Senani, “Transfer of Data from Memory Storage Device to Handheld Device using L-Shaped Patch Antenna”, International Journal of Scientific Research in Multidisciplinary Studies, Vol.5, Issue.6, pp.17-23, E-ISSN: 2454-9312, P-ISSN: 2454-6143, June 2019.

38. Arun Kumar.A and **Jothilakshmi.P**, on “Design and Implementation of Antenna-Filter-Antenna Based on Multilayer Frequency Selective Surface”, **International Journal of Interdisciplinary in Engineering Science & Technology**, ISSN: 2455-8494, Special Issue Vol.01, No. 01, June 2016 pp.80-84.

39. K.Jothilakshmi, **P.Jothilakshmi**, “Design of Multilayer Microstrip Patch Antenna for WiMax Application”, International Journal of Engineering Science and Technology (IJEST), ISSN : 0975-5462, Vol. 9 No.09S, Sep 2017, pp.125-130.

40. S.Vijayalakshmi, **Dr.P.Jothilakshmi**, “Design and Implementation of Wideband Antenna Using Defected Ground Structure (DGS) for Ultra-wideband Application”, International Journal of Innovative Research in Computer and Communication

Engineering, Vol. 5, Special Issue 3, April 2017, pp.178-183,ISSN(Online): 2320-9801, ISSN (Print): 2320-9798.

41. K.Jothilakshmi, **Dr.P.Jothilakshmi**, “Design of Multilayer Microstrip Patch Antenna for Satellite Application” , International Journal of Innovative Research in Computer and Communication Engineering, Vol. 5, Special Issue 3, April 2017, pp.190-195, ISSN(Online): 2320-9801, ISSN (Print): 2320-9798.

42. Arun Kumar.A and **Jothilakshmi.P**, on “Design and analysis of square patch fractal antenna for C-band application”, **International Journal of Engineering Research & Technology**, ISSN: 2278-0181, Volume. 4, Issue. 14(2016), pp.12-14.

43. K.Shahida Salma and **P.Jothilakshmi**, on “Design of Multiband Stacked Microstrip Patch Antenna for RFID and Radar Systems”, in **International Journal of Engineering Research & Technology**, ISSN: 2278-0181, Volume. 4, Issue. 14(2016), pp.131-134.

44. **P. Jothilakshmi**, J. Bharanitharan, V. Ramkumar, June 2015, “Design of Multilayer Aperture Coupled Stacked Microstrip Patch Antenna for WLAN Applications”, **ICTACT Journal on Communication Technology** an International Publication of ICT Academy of Tamil Nadu, Volume 6, Issue2, pp.1105-1111.

45. **P.Jothilakshmi** and M.Alwin, “**A Modified Multi Frequency Reconfigurable Antenna for Wireless Communication**”, **The Mediterranean Journal of Electronics and Communications**, vol.10, No. 4, 2014, pp.772-781, October 2014, ISSN: 1744-2400.

46. **P.Jothilakshmi** and S.Raju,“Development of Multiband Antenna for High Frequency Applications”, **Elsevier Procedia Engineering, Netherlands**, vol. 30, 2012, pp.1013-1019. DOI: 10.1016/j.proeng.2012.01.958 (Impact Factor - 0.17).

47. **P.Jothilakshmi** and M.Alwin, "Design and Implementation of Reconfigurable

Microstrip Antenna”, **i-managers Journal of Communications**, India, no.1, volume 3, November 2013-January 2014 issue , pp:28-32,E-ISSN: 2277-5102.

48. **P.Jothilakshmi**, S.Raju, V.Monoj and P.Vijayakumar, “Simulation of Quad Band Continuous Transverse Stub Antenna Array for Wireless Applications”, in the **ABI International Journal of Modern Science & Engineering Electronics and Communication Engineering**, online: ISSN: 2278- 2915, Print: ISSN: 2278-2907 January to June 2012, pp.24-37.

49. **P.Jothilakshmi**, “Design and Analysis of Uneven Shaped Continuous Transverse Stub (CTS) Antenna”, in the **CiiT International Journal of Wireless Communications**, DOI: WC072011002, July 2011 issue.

50. **P.Jothilakshmi**, “Modified Microstrip Beveled E-Shaped Two Element Antenna Array for Millimeter Wave Application”, in the **CiiT International Journal of Wireless Communications**, DOI: WC0820100010, August 2010 issue.

51. **P.Jothilakshmi**, B. Karthik and R. Karthi Kumar, “E-Shaped Four Element Antenna Array for WLAN Application”, in the **CiiT International Journal of Wireless Communications**, DOI: WC112009003, November 2009 issue.

52. **Jothilakshmi .P**, Bastian Arjun Shajit, Gladwin George and Jebas Paul Daniel .T, “Dual Frequency V-Shaped CTS Antenna Design” in the **CiiT International Journal of Wireless Communications**, DOI: WC062009001, June 2009 issue.

53. **P.Jothilakshmi**, M. Joshua Albert, K. Prathap Rane and R.Mohana Sundaram, “Compact S Shaped Spiral Antenna for C-Band Applications”, AICTE sponsored International Conference on **Emerging Intelligent Technologies and Applications–(EITA'19)** from 23rd to 25th October, 2019 at RMD Engineering College, Kavaraipettai, Tamilnadu, India. Proceedings in CD.

54. **P.Jothilakshmi**, S.Keerthana, B.J. Komathi, K.Meena and R.Mohana Sundaram,

“Low Profile Wideband Logarithmic Spiral Antenna”, AICTE sponsored International Conference on **Emerging Intelligent Technologies and Applications–(EITA'19)** from 23rd to 25th October, 2019 at RMD Engineering College, Kavaraipettai, Tamilnadu, India. Proceedings in CD.

55. R.Gurucharan, C.Dinesh, R.Gowtham, R.Hariharan, R.Mohana Sundaram and Dr. **P.Jothilakshmi**, “Compact Low Profile Metasurface Wideband Antenna for C Band Applications”, **The 12th Annual International Conference ATMS-2019 Antenna Test & Measurement Society** of India from 25.08.2019 to 27.08.2019 at Chennai, Proceedings in CD.

56. R.Gurucharan, R.Dipshi, V.S.Gowtham, P.Aaron Jerin Roger, R. Mohana Sundaram and **Dr. P.Jothilakshmi**, “Compact Frequency Reconfigurable Antenna for Wireless Applications”, **The 12th Annual International Conference ATMS-2019 Antenna Test & Measurement Society** of India from 25.08.2019 to 27.08.2019 at Chennai, Proceedings in CD.

57. B.Kishor Kumar, M.Joshua Albert, R.Mohana Sundaram and **Dr.P.Jothilakshmi** and C.Gomatheeswari Preethika, “Design of Frequency Reconfigurable Monopole Antenna for Wireless Applications”, **The 12th Annual International Conference ATMS-2019 Antenna Test & Measurement Society** of India from 25.08.2019 to 27.08.2019 at Chennai, Proceedings in CD.

58. R.Gurucharan, V.S.Gowtham, P.Aron Jerin Roger, K.K.Gowtham and **Dr.P.Jothilakshmi**, “Fractal Antenna For X-Band Weather Radar Applications”, **472nd International Conference On Electrical and Electronics Engineering(ICEEE)**, by Academicsera held on 12th-13th June, 2019 at **Paris**, France, proceedings in CD.

59. E.S.Lakshmi, Dr.P.Jothilakshmi, “Design of Frequency Reconfigurable Array

Antenna for Cognitive Radio Applications” , Proceedings of International Conference on Science and Innovative Engineering 2019 (ICSIE-2019) held at Jawahar Engineering College, Chennai on 24.03.2019.

60. N.Varnikha, **Dr.P.Jothilakshmi**, “Design of Multi-Band Fractal Antenna”, **Proceedings of International Conference on Science and Innovative Engineering 2019 (ICSIE-2019)** held at Jawahar Engineering College, Chennai on 24.03.2019.

61. E.S.Lakshmi , Dr.P.Jothilakshmi, “Design of Frequency Reconfigurable Antenna Using a Defective Ground Structure for Wireless Applications”, **2nd International Conference of Information, embedded & communication systems (ICIECS 2019)** held at St.Josephs College of Engineering on 22.03.2019, Proceedings in CD.

62. R. Gokul, R. Gowtham, N. Arvind Bharathy and **Dr.P.Jothilakshmi**, “Design and Implementation of Pattern Reconfigurable antenna for Microwave application”, **2nd International Conference of Information, embedded & communication systems (ICIECS 2019)** held at St.Josephs College of Engineering on 22.03.2019, Proceedings in CD.

63. S.Saravana Yogesh, Z. Sheikh Nizamudeen, R. Rajashekhar, C.Gomatheeswari Preethika and **Dr.P.Jothilakshmi**, “Design of Metasurface Wide Band Antenna for C Band Applications Applications”, **2nd International Conference of Information, Embedded & Communication systems (ICIECS 2019)** held at St.Josephs College of Engineering on 22.03.2019, Proceedings in CD.

64. B. Kishor Kumar, R.Mohanasundaram and **Dr.P.Jothilakshmi**, “Design of Multilayer Stacked Patch Antenna for C and X band Applications”, **2nd International Conference of Information, Embedded & Communication systems (ICIECS 2019)** held at St.Josephs College of Engineering on 22.03.2019, Proceedings in CD.

65. R.Gurucharan, K.Aakash, V.S.Gowtham, R.Mohanasundaram and **Dr.P.Jothilakshmi**, “Design of Frequency Reconfigurable Antenna Using a Defective Ground Structure for Wireless Applications”, **2nd International Conference of Information, Embedded & Communication systems (ICIECS 2019)** held at St.Josephs College of Engineering on 22.03.2019, Proceedings in CD.
66. N.Varnikha, **Dr.P.Jothilakshmi**, “Design of Decagonal Wide Band Fractal Antenna”, **Proceedings of International Conference on Smart Structures and Systems-ICSSS’19**, Department of ECE, Saveetha Engineering on 16.10.2018.
67. E.S.Lakshmi and **Dr.P.Jothilakshmi**, “Frequency Reconfigurable Antenna For Cognitive Radio Applications”, **Proceedings of International Conference on Smart Structures and Systems-ICSSS’18**, Department of ECE, Saveetha Engineering on 14.03.2019 to 15.03.2019.
68. S.Saravana Yogesh, Z.Sheikh Nizamudeen, R.Mohanasundaram and **Dr.P.Jothilakshmi**, “A Low Profile Compact Metasurface Wideband Antenna For Satellite Communications”, **Proceedings of International Conference on Smart Structures and Systems-ICSSS’18**, Department of ECE, Saveetha Engineering on 16.10.2018.
69. D.Vidhya, **Dr.P.Jothilakshmi**, “Frequency Reconfigurable Antenna for WLAN Application”, **Proceedings of National Conference on Innovative Trends in Engineering & Technology NCITET-2K18** held at Aringar Anna Institute of Science and Technology and got the **Best paper** award.
70. D.Vidhya and **Dr.P.Jothilakshmi**, “Design and Implementation of Frequency Reconfigurable Antenna for Satellite Application”, **International Conference on contemporary engineering and technology 2018 organized by Organization of Science and Innovative Engineering & Technology**, Chennai in association with

Prince Shri Venkateswara Padmavathy Engineering College and Prince Dr.K.Vasudevan College of Engineering and Technology Chennai held on 10th and 11th March 2018, Proceedings in CD.

71. Raamkumar Thiyagarajan, Pradhana Mounkumar, Parvatala Prashanth, Mrs.B.Hemalatha, and **Dr.P.Jothilakshmi**, “Frequency and Polarization Reconfigurable Antenna for WiMAX Applications”, **Organization of Science and Innovative Engineering & Technology Proceedings of the 8th International Conference on Science and Innovative Engineering 2018**, held at Jawahar Engineering College Chennai on 01.04.2018.

72. D.Vidhya and **Dr.P.Jothilakshmi** “Design and Comparison of Slotted Patch Antenna with EBG Structure”. **Organization of Science and Innovative Engineering & Technology Proceedings of the 8th International conference on Science and Innovative Engineering 2018**, held at Jawahar Engineering College Chennai on 01.04.2018.

73. B.Hemalatha and **Dr.P. JothiLakhsmi**, “Frequency Reconfigurable Microstrip Patch Antenna for Multiband Wireless Applications”, **Proceedings of International Conference on Smart Structures and Systems ICSSS 2017**, Organised by Saveetha Engineering college on 28th March 2018, pp. 15 -19.

74. R.Mohana Sundaram and **Dr.P.JothiLakhsmi**, “Design and Implementation of Phased Array Antenna using BST Varactor for Satellite Communication”, **Proceedings of International Conference on Smart Structures and Systems ICSSS 2017**, Organized by Saveetha Engineering college on 28th March 2018, pp. 24 -28.

75. **Dr.P.Jothilakshmi**, N.V.Laxminarayan, G.Lokeshwaran, and K.S.Murugan “Design of Conformal Antenna for Aircraft Applications”, **Proceedings of International**

Conference on Smart Structures and Systems ICSSS 2017, Organised by
Saveetha Engineering college on 28th March 2018, pp. 29 -34.

76. J.Monica and **Dr.P.Jothilakshmi** “Design of ‘I’ shaped Conformal Antenna with Defected Ground plane for Aircraft Applications”, **Proceedings of International Conference on Smart Structures and Systems ICSSS 2017**, Organised by
Saveetha Engineering college, on 28th March 2018, pp. 35-38.

77. S.Vijayalakshmi, **Dr P.Jothilakshmi**, “Design and Implementation of modified wideband antenna array using Defected Ground Structure(DGS) for Ultra-Wide Band applications(UWB)”, **Proceedings of 2nd National Conference innovative trends in Engineering and Technology(NCITET)**, held on 31th March 2017 organized by
Department of ECE at Arignar Anna Institute of science and technology, Chennai.

78. K.Jothilakshmi, **P.Jothilakshmi**, “Design of Elliptical Slotted Microstrip Patch Antenna for Mobile Communications”, **International Conference on Digital Information Processing Data Mining and Wireless Communications (ICDIPDMWC-16)** on November 6, ISBN: 9788192958056, pp 53 – 57.

79. K.Jothilakshmi, **P.Jothilakshmi**, “Design of Multilayer Microstrip Patch Antenna for WiMAX Applications”, **International Conference On Design and Manufacturing (IConDM 2016) – IIITDM**, Kancheepuram on December 16&17, pp 24-28.

80. Arun Kumar. A and **Jothilakshmi.P**, on “Design and Implementation of Antenna-Filter-Antenna based on Multilayer Frequency Selective Surface”, **International Conference on Advances in Computing and Wireless Technologies (ICACWT’16)**, held at PMR Engineering College, Chennai.

81. Arun Kumar. A and **Jothilakshmi.P**, on “Design and Analysis of Circular Patch Fractal Antenna for Radar Application”, **International conference on Recent Trends in Engineering and Technology (ICRTET’16)** held at St.Joseph’s Institute

of Technology, Chennai.

82. K.Shahida Salma and **P.Jothilakshmi**, on “Performance Enhancement of Modified Multiband Stacked Microstrip Patch Antenna for Wireless Communication”, **IEEE sponsored 3rd International Conference on Innovations in Information, Embedded and Communications Systems (ICIIECS’16)** held at Karpagam College of Engineering, Coimbatore, Tamilnadu, India.

83. K.Shahida Salma and **P.Jothilakshmi**, on “Performance Enhancement of Multiband Stacked Microstrip Patch Antenna on Wireless Communications”, **International Conference on Engineering Digital Green Era (ICEDGE)** held at Rajalakshmi Engineering College, Chennai, India.

84. J.Bharanitharan., **P.Jothilakshmi**, “Design and Analysis of Sierpinski Based Fractal Antenna For WIMAX and WLAN Applications”, **International Conference electrical, Electronics and Computer Engineering- ICEECE ’15** at Vivekanandha College of Engineering for Women from 11.03.2015 to 12.03.2015.

85. V.Ramkumar., **P.Jothilakshmi**, “Design and Analysis of Aperture Coupled EShaped Patch Antenna Using Wearable Textile Substrates”, **Proceedings of International Conference on Electrical, Electronics and Computer Engineering - ICEECE ’15** at Vivekanandha College of Engineering for Women from 11.03.2015 to 12.03.2015.

86. J.Bharanitharan, **P.Jothilakshmi** and V.Ramkumar, “Simulation and Analysis of Triangular Patch Fractal Antenna for RFID Application”, **IEEE Sponsored 2nd International conference on Innovations in Information, Embedded and Communication Systems (ICIIECS’15)** at Karpagam College of Engineering, Coimbatore from 19.03.2015 to 20.03.2015.

87. V. Ramkumar, **P. Jothilakshmi** and J.Bharanitharan, “Design and Analysis of

Wearable Textile Spork Shaped Patch Antenna”, **IEEE Sponsored 2nd International conference on Innovations in Information, Embedded and Communication Systems (ICIECS’15)** at Karpagam College of Engineering, Coimbatore from 19.03.2015 to 20.03.2015.

88. **P.Jothilakshmi** and M. Benazir, “Circular patch with Star Triangular Fractal Antenna for SWB applications”, **International Conference 3rd IEEE International Conference on Communication and Signal Processing-ICCSP’14** on 05.04.2014, pp. 139-143.

89. **P.Jothilakshmi** and R. Kanimozhi, “A High Frequency-Reconfigurable MultiLayer Microstrip Patch Antenna (HFRMPA)”, **International Conference 3rd IEEE International Conference on Communication and Signal Processing-ICCSP’14** on 05.04.2014, pp.134-138.

90. **P.Jothilakshmi** and S.Raju, “An Efficient High Gain Omni Directional Antenna for Military and Space Applications”, **29th Annual Review of Progress in Applied Computational Electromagnetics Conference organized by Applied Computational Electromagnetic Society (ACES) in California, USA**, from March 24 to March 28, 2013, pp.494-499.

91. **P.Jothilakshmi** and S.Raju, “Performance Enhancement of Multiband Un-Even Shaped Co-Axial Continuous Transverse Stub Antenna Array for Wireless Applications”, **29th Annual Review of Progress in Applied Computational Electromagnetics Conference organized by Applied Computational Electromagnetic Society (ACES) in California, USA**, from March 24 to March 28, 2013, pp.610-615.

92. **P.Jothilakshmi**, S.Raju, P.Sahitya and Sri Rekha, “Modified Multiband Co-axial Continuous Transverse Stub (CTS) Antenna Array for Satellite C-Band and X-Band

Application”, **International Conference on Recent Advances in Electrical and Computer Engineering Proceedings of 7th International Conference on Communications, Circuits, Systems and Signals**) organized by **WSEAS/NAUN Cambridge, USA**, pp.150-155, ISBN: 978-1-61804-156-2 from 30.01.2013 to 1.01.2013.

93. **P.Jothilakshmi** ,S.Raju, N.Anjana and S.Sarath,“Novel A-Shaped Co-axial Continuous Transverse stub (CTS) Antenna Array for Wireless Communication” , **IRNet International Conference on Electrical Engineering & Computer Science (ICEECS)** at Chennai on 25.11.2012,pp.69-74 ISBN: 978-93-82208-38-9.

94. **P.Jothilakshmi and M.Kumaran**, “Development and Performance Improvement in Multiband Coaxial Continuous Transverse Stub Array Antenna for Satellite Application” in the **International Conference on Electronics & Communication Engineering (ICECE)** organized by IRNet, Bangalore, pp.19-23,ISBN: 978-93-82208-67-9on 03.03.2013.

95. **P.Jothilakshmi** and S.Shankarlavakusaraja, “Design and Implementation of Reconfigurable Microstrip Antenna” , **International Conference on Electronics & Communication Engineering (ICECE)** organized by IRNet, Bangalore, pp.24-28, ISBN: 978-93-82208-67-9on 03.03.2013.

96. **P.Jothilakshmi** and S.K.Loganathan , “Development of Modified Multiband Antenna for Wireless Communication”, **International Conference on Electronics & Communication Engineering (ICECE)** organized byIRNet, Bangalore,pp.38-43, ISBN: 978-93-82208-67-9on 03.03.2013.

97. **P.Jothilakshmi** and S.Prasanna,“Modified Beveled E-shaped Antenna Array for Wireless Communication”, **International Conference on Electronics & Communication Engineering (ICECE)** organized by IRNet, Bangalore, pp. 33-37,

ISBN: 978-93-82208-67-9 on 03.03.2013.

98. **P.Jothilakshmi**, S.Raju, V.Monoj and P.Vijayakumar, “Simulation of Quad Band Continuous Transverse Stub Antenna Array for Wireless Applications”,

International Conference in Magna on Emerging Engineering Trends

(ICMEET2K12) organized by Magna College of Engineering, Chennai, pp.364-370 from 12.04.2012 to 13.04.2012.

99. **P.Jothilakshmi**, S.Ajith Kumar, A.Balakumaran, S.Selvaganesh “Performance enhancement of various microstrip patch antennas”, **International Conference on**

Emerging technological Trends in Advanced Engineering Research (ICETT 12)

organized by Baseline Mathews II College of Engineering College, Kollam from 20.02.2012 to 21.02.2012 ISBN: 978-93-80624-62-4, Proceedings in CD.

100. **P.Jothilakshmi** and S.Raju, “Development of Multiband Antenna for High-Frequency Applications”, **International Conference on Communication**

Technology and System Design 2011 (ICCTSD2011) organized by Amrita Vishwa Vidyapeetham University, Coimbatore from 7.12.2011 to 09.12.2011 Proceedings in CD.

101. **P.Jothilakshmi** and S.Raju, “Modified High Frequency Omni directional Antenna For Wireless Communication”, **International Conference 2011 IEEE Applied**

Electromagnetics Conference (AEMC) & 2011 IEEE Indian Antenna Week

(IAW) organized by IEEE AP-MTT Chapter, Calcutta Section in association with UGC Networking resource Centre in Physical Sciences, University of Calcutta at Hyatt Regency, Kolkata from 18.12.2011 to 22.12.2011, 978-1-4577-1457-3/11/\$26.00 2011 IEEE.

102. **P.Jothilakshmi**, S.Selvaganesh “Design of Tuning Fork Shape Microstrip Patch Antenna”, **International Conference on Emerging technological Trends in**

Advanced Engineering Research (ICETT 12) organized by Baselios Mathews II College of Engineering, Kollam from 20.02.2012 to 21.02.2012 ISBN:978-93-80624-62-4, Proceedings in CD.

103. **P.Jothilakshmi** and S.Raju , “Multiband CTS V-Shaped Antenna Array for Wireless Communication”, **International Conference of Electronic Systems (ICES 2011) at National Institute of Technology (NIT)**, Rourkela, Odisha from 07.01.2011 to 09.01.2011, pp.274-279.

104. **P.Jothilakshmi** and S.Raju, “Performance Enhancement of Continuous Transverse Stub Antenna Array with Monopole termination”, **IEEE International Conference on Communication Control and Computing Technologies (ICCCT2010)** at St.Xaviers Catholic College of Engineering, Kanyakumari from 07.10.2010 to 09.10.2010, pp.368–375, 978-4244-7768- 5/10/\$26.00 2010 IEEE.

105. K.Shahida Salma and P.Jothilakshmi, “ Design of Multiband Stacked Microstrip Patch Antenna for RFID and Radar Systems”, in **National Conference on Signal Processing and Communication Engineering**, held at Sri Venkateswara College of Engineering, Sriperumbudur, India.

106. Arun Kumar. A and **Jothilakshmi.P**, on “Design and Analysis of Square Patch Fractal Antenna for C-Band Application”, **National Conference on Signal Processing and Communication Engineering (NCSPC’16)** held at Sri Venkateswara College of Engineering, Sriperumbudur.

107. **P.Jothilakshmi** and M.Alwin, “Design and Implementation of Reconfigurable Microstrip Antenna”, **National Conference on Enhancing Trends in Nano Embedded and Telecommunications Technology** April 2014 Held at Saveetha School of Engineering, Saveetha University, Thandalam, Chennai-602 105,Tamilnadu,India.

108. **P.Jothilakshmi** and S.Raju, “Inclined CTS Antenna Array for Wireless Application”, **National Conference on Emerging Trends in Wireless Technologies** at Thiagarajar College of Engineering, Madurai from 23.07 2011 to 24.07.2011, pages in CD.
109. **P.Jothilakshmi**, S.Raju, T.M.Senthil Ganesan, R.K.Manjunath and K.S.Sugantha Baalan, “Performance Enhancement of X- shaped Continuous Transverse Stub Antenna Array”, **Fourth National Conference on Signal Processing and Communication technologies** at Kamaraj College of Engineering and Technology, Virudhunagar on 26.03.2011pages in CD.
110. **P.Jothilakshmi**, C.Anitha, S.Mangai, and S.M.Sridevi, “Modified E-Shaped Microstrip Patch Antenna for Wireless Communication”, **OCEA Microwave and Optical Communication Proceeding of the National Conference on Microwave and Optical Communication (NCMOC-2009)**, ACTech, Karaikudi,pp.96-101, on 03.04.2009.
111. **P.Jothilakshmi**,C.Anitha, S.Mangai and S.M.Sridevi,“E-Shaped Beveled Micro Strip Patch Antenna With Parasitic Patch For Millimeter Wave Applications”, **Proceeding of Second National Conference on Signal processing and Communication Technologies** at Kamaraj College of Engineering and Technology, Virudhunagar,pp.65-68 on 27.03.2009.
112. **P.Jothilakshmi**, Bastian ArjunShajit, Gladwin George and T.Jebas Paul Daniel,“Coaxial V-Shaped CTS Antenna Design”, **Proceedings of Second National Conference on Signal processing and Communication Technologies** at Kamaraj College of Engineering and Technology, Virudhunagar, pp.65-68 on 27.03.2009.
113. **P.Jothilakshmi**,K.B.Karthick,R.Y.Prasanna Kumar and B.Varun Kumar, “Design of OFDM using Adaptive Turbo Codes”, in the **Fourth National Conference on**

Recent Trends in Communication Technologies (NATCON '08) Organized by
Noorul Islam College of Engineering, Kumaracoil ,pp.155-161 on 03.04.2008.

114. **P.Jothilakshmi** and B.Karthik, “Lookup Table based Method to Reduce the Peak-to-Average Power in MIMO OFDM System”, in the **National Conference on Internet & Multimedia** Organized by Noorul Islam College of Engineering, Kumaracoil, pp.156-161 from 27/03/2008 to 28/03/2008.

115. **P.Jothilakshmi**, R.Prasanna, S.Kumara Ragavan and S.Murugesu Pandian “Channel Estimation and Reception of MIMO OFDM System”, in the **National Conference on Advanced and Challenges in Multimedia Communication (NCACMC '07)** Organized by Noorul Islam Collge of Engineering, Thuckalay, pp.19-23 from 30/03/2007.

116. **P.Jothilakshmi**, M.Gnanasekaran, J.Prasan and J.Sugesh, “Analysis of bandwidth and bit error rate of OFDM using QAM Modulation and Diversity Techniques”, in the **National Conference Digital Convergence 2006 (NCDC '2006)** organized by RMK Engineering College, Chennai, pages in CD, on 12.05.2006.

117. **P.Jothilakshmi**, M.Gnanasekaran, J.Prasan and J.Sugesh, “Performance enhancement of OFDM using Diversity Technique”, **Advances in Electronic Communications (ADELCO 2006)**, organized by National Engineering College, Kovilpatti, pp.19-24.