

**Publications: (Last 5 years)**

1. 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).
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. 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 1<sup>st</sup> April 2019 and Print ISSN from 1<sup>st</sup> July 2019, **England, SCI indexed, Impact factor 2.05**
4. 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**.
5. 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**).
6. **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
7. **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.
8. 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**).
9. 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**).
10. **Dr.P.Jothilakshmi**, J.Bharanitharan and N.Vamikka, “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.

11. **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.
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13. **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.
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15. 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.
16. 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.
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19. **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 23<sup>rd</sup> to 25<sup>th</sup> October, 2019 at RMD Engineering College, Kavaraipettai, Tamilnadu, India. Proceedings in CD.
20. **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 23<sup>rd</sup> to 25<sup>th</sup> October, 2019 at RMD Engineering College, Kavaraipettai, Tamilnadu, India. Proceedings in CD.
21. 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 1<sup>st</sup> April 2019 and Print ISSN from 1<sup>st</sup> July 2019, **England, SCI indexed, Impact factor 2.05**

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26. 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,
27. 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**).
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