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Position : Asst. Prof. in Electronis, Dept of Electrical Engineering

International Journals

1. R. A. Pandhare, Prasanna L. Zade, Mahesh P. Abegaonkar "**Miniaturized microstrip antenna array using defected ground structure with enhanced performance**" Engineering Science and Technology, an International Journal.19 (3) (16 April 2016), pp. 1360–1367, **Elsevier Journal**
2. R. A. Pandhare, P. L. Zade, M. P. Abegaonkar. " **Harmonic Control by Defected Ground Structure on Microstrip Antenna array**". Indian Journal of Science and Technology, Volume 8(35), December 2015, pp. 1-5 *ISSN (Print) : 0974-6846 ISSN (Online) : 0974-5645 DOI: 10.17485/ijst/2015/v8i35/79640 : Scopus Indexed*
3. R. A. Pandhare, P. L. Zade, M. P. Abegaonkar. "**Beam steering in microstrip patch antenna array using DGS based phase shifter at 5.2GHz**" Proceedings of IEEE International conference on information processing at VIT, Pune, December16-18,2015. *Published in IEEE Explore, 2015, pp. 239-243 DOI: [10.1109/ INFOP.2015.7489386](https://doi.org/10.1109/INFOP.2015.7489386)*
4. R. A. Pandhare, P. L. Zade, M. P. Abegaonkar. "**Dual Band Compact Microstrip Patch Antenna With Defected Ground Structure**", International Journal of Electronics & Communication Engineering & Technology (IJCET), Volume 6, Issue 9, Sep 2015, pp. 75-81 *ISSN Print: 0976-6464 and ISSN Online: 0976-6472. Journal Impact Factor (2016) =8.2691*
5. R. A. Pandhare, P. L. Zade, M. P. Abegaonkar. "**Miniaturized microstrip patch antenna array at 3.8 GHz for WiMax applications**" IOSR journal of Electronic and communication engineering, Volume 10, Issue 6, Ver. I (Nov - Dec. 2015), pp. 20-24 *e-ISSN: 2278-2834, p-ISSN: 2278-8735, Journal Impact Factor = 1.398*
6. R. A. Pandhare, P. L. Zade, M. P. Abegaonkar. "**Compact Microstrip Patch Antenna Array with Defected Ground Structure for WiMax and UAV application**", International Journal of Electrical, Electronics and Data Communication, Volume 3, Issue 11. Nov. 2015, pp. 51-54 *ISSN:2320-2084, Journal Impact Factor = 3.46*
7. R. A. Pandhare, P. L. Zade, M. P. Abegaonkar. "**Design of 4 Element Microstrip Patch Antenna with High Directive Gain**", International Journal of Advanced Research in

8. R. A. Pandhare "**Bridge collapse detection system to prevent accident**" International Journal Of Engineering Research-Online, 21 March 2017 ISSN: 2321-7758

International Conferences

1. **R. A. Pandhare**, P. L. Zade, M. P. Abegaonkar, "Comparative study of various DGS structure on microstrip patch antenna array to miniaturized antenna", Proceedings of International conference on Functional Materials and Microwaves ICFMM-2015, BAMU, Aurangabad, December 28-30, 2015
2. **R. A. Pandhare**, P. L. Zade, M. P. Abegaonkar. "Frequency Reconfigurable Miniaturized Microstrip Patch Antenna Array with switchable Band using RF PIN Diode", Proceedings of ICEMS-2016 -International Conference on Recent Trends in Engineering and Material Sciences, March 17-19, 2016, Jaipur, National University, Jaipur
3. **R. A. Pandhare**, P. L. Zade, "A review on performance Analysis of Microstrip antenna array using defected ground structure" Proceedings of 2nd International Conference on Emerging Intelligent Sustainable Technologies (ICEISTCON 2013- ISO 9001:2008 Certified Organization) Pune, March 23, 2013
4. **R. A. Pandhare**, P. L. Zade, "Performance analysis of Microstrip antenna array using defected ground structure", Proceedings of International conference on Recent Trends in Engineering & Technology, Wardha, December 2014.
5. **R. A. Pandhare** ," Convolutional Codes in watermark to improve detection" in International Conference of Emerging trends in signal processing & VLSI Design(International Conference), Hyderabad 11-13 June 2010.
6. **R. A. Pandhare** ,Robustness achieved by inserting coded watermark in digital images, in first International Conference on Modelling control Automation & Communication (ICMCAC-2010) Organized by Dept. of EIE Welammal Engineering College, Chennai
7. **R. A. Pandhare**, "Role of Antenna in Biomedical Application" International conference on Transforming lives & Health care through Technology 9th & 10th Jan 2017

8. **R. A. Pandhare** ,Convolutional code based digital watermarking techniques to improve robustness of detection” International Research Symposium on Manegment technology & Engineering Science (IRSMTES 2011)
9. **R. A. Pandhare** ,‘Simulation of Node Isolation Attack in Mobile Ad-hoc Network”,International Conference Manthan-2014, 21st&22nd Feb 2014 ,Wardha

National conferences

1. **R. A. Pandhare** “Watermarking Digital images by using Convolutional Codes to improve Detection” in Emerging Trends in Electronics Engg. & Computing (**National Conferance**), Nagpur 9 & 10 Feb.
2. **R. A. Pandhare** ,Development of high speed Vedic Multiplier Using Vedic Mathematics Techniques NCACM-2014, 27th & 28th January 2014 in SDMP, Nagpur, Sponsored by AICTE
3. **R. A. Pandhare**,“Optimization of Power by using PLC&SCADA Technology ”National conference on Innovative Trends for Technology Developments, TECHNOCON-2013