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### Publications in Last Five Years

1. **Vimal, S.P**” Performance analysis of massive MIMO receiver using SVD based MMSE-PIC detection” International Journal of Engineering and Advanced Technology” ,Volume 8,Issue 5 ,ISSN:2249-8958,2019
2. **Vimal, S.P**” Utilization of QCLDPC for PAPR Reduction in OFDM systems using convolution-XOR method”, International Journal of Pure and Applied Mathematics, Volume 120 No. 5 2018, 1351-1367.
3. **Vimal, S.P**” Smart Attendance Management System based on face Recognition Algorithm, “International Journal of Pure and Applied Mathematics”, Volume 120, 2018, 1377-1384.
4. **Vimal, S.P** Implementation of Greenhouse Roof Cleaning Didactic Robot to Improve Light Intensity Using Raspberry Pi, International Journal of Pure and Applied Mathematics”, Volume 120 No. 5 2018, 1369-1376.
5. **Vimal, S.P**” “Low-power, low-latency transceiver design using d-TGMS flip-flop for on-chip interconnects”, International Journal of Engineering & Technology(UAE),7(1)106-109, 2018.
6. **Vimal, S.P** “Utilization of Riemann sequence combined with SLM technique for PAPR reduction in OFDM systems”, Asian Research Consortium, vol.6, No.7, July 2016, pp1950-1957, ISSN 2249-7315.
7. **Vimal, S.P.** and Shankar Kumar, K.R. “*PAPR Reduction in OFDM systems using Quasi Cyclic LDPC codes*”, Asian Journal of Scientific Research, ISSN 1992-1454 /DOI.10.3923/AJSR.2013.(**Scimago Ranked and Scopus Indexed Journal**).
8. **Vimal, S.P.** and Shankar Kumar, K.R. “*PAPR Reduction in OFDM systems by implementing DCT combined with companding transform*”, The Journal of Computing ,ISSN: 0976-6928, Vol. 4, Issue 1, 2013. (**Journal Indexed in Google Scholar**)
9. **Vimal, S.P** “*A New SLM and PTS Schemes for PAPR Reduction in OFDM Systems*” International Journal of Advanced Research in Computer and Communication Engineering, ISSN (Print): 2319-5940Vol. 2, Issue 11, November 2013. (**Journal Indexed in Google Scholar, DOAJ and DRJI**)
10. **Vimal, S.P.** and Shankar Kumar, K.R. “*Combined selective mapping and turbo codes for PAPR reduction in OFDM Signals*”, International Journal of Computer Networks and Wireless Communications (IJCNC), ISSN: 2250-3501 Vol.2, No6, and December 2012(**Journal Indexed in Google Scholar, DOAJ and SCIRUS**)
11. **Vimal, S.P.** and Shankar Kumar, K.R. “*A New SLM technique for PAPR reduction in OFDM systems*” , European Journal of Scientific Research, ISSN 1450-216X Vol.65, No.2, pp. 221-230,2011.(**Journal indexed in SCOPUS, SCI, DOAJ and Scimago**)
12. Vimal,S.P.,M.Kasiselvanathan,S.Sharmila Devi “Raspberry-Pi based secure systems in car”,International conference on frontiers in materials and smart system technologies , ISSN:1757-8981E-ISSN:1757-899X, Scientific society group ,**IOP Publisher (Scopus indexed conference)**,2019
13. **Vimal, S.P.** and Shankar Kumar, K.R. “**PAPR Reduction for OFDM system using random phasor and block scaling technique**” International Conference on Advances in Information ,Communication Technology and VLSI design,ICAICV,ID:ICA085, pp.73,2010.
14. Dr.S.P.Vimal, A.Sivasakthivel and L.Gururajan “An Effective Network Connectivity Model for Dynamic Channel Allocation in Wireless Communication”,International conference on

Frontiers in Smart System Technologies ISBN No. 978-93-88398-87-9,2019 (**Scopus indexed Springer Book chapters**) ,2019

15. Dr.S.P.Vimal .,Dr.N.Sathish Kumar ,Mr.M.Kasiselvanathan “Implementation of Adaptive Huffman codes for PAPR reduction in OFDM Systems “International conference on Frontiers in Smart System Technologies ISBN No. 978-93-88398-87-9,2019 (Scopus indexed Springer conference) ,20192019 (**Scopus indexed Springer Book chapters**) ,2019
16. Dr.N.Sathish Kumar<sup>1</sup>, M.Kasiselvanathan<sup>2</sup>, Dr.S.P.Vimal<sup>3</sup> Performance Comparison Of Various Machine Learning Algorithms For Ultrasonic Fetal Image Classification Problem, International conference on Frontiers in Smart System Technologies ISBN No. 978-93-88398-87-9,2019 (**Scopus indexed Springer Book chapters**) , 2019