

## **PUBLICATIONS**

1. VLSI architecture for LGXP texture for Face Recognition, Journal of Intelligent & Fuzzy Systems, 2014
2. A Novel Approach for Face Recognition System based on Rotational Invariant Transform and Artificial Neural Networks, International Review on Computer and Software, 2014
3. A Systolic Architecture for Object Recognition Based on Hmax Model, IOSR Journal of Electronics and Communication Engineering, 2014
4. FPGA Implementation of Rotational Invariant Local XOR Pattern Operator for Face Recognition System, Australian Journal of Basic and Applied Sciences, 2014
5. A Survey on Degraded Document Image Binarization Techniques, International Journal of Advanced Research in Computer Engineering & Technology, 2014
6. A Review on Design of Pipelined ADC, International Journal of Advanced Research in Computer Engineering & Technology, 2014
7. Speaker Identification Techniques - A Survey, International Journal of Advanced and Innovative Research, 2015
8. Analysis of Various Techniques in Low Noise Amplifier Design, International Journal for Scientific Research and Development, 2015
9. FPGA Implementation of Rotated Local Gabor XOR Pattern For Hybrid Face Recognition System, IJAER- Research India Publications, 2015
10. Main lobe Analysis in Wide Band Array Based on Array Weighting Using FRFT Low Pass Filter, International Journal of Statistics and Economics, 2016
11. An Effective Application of Illumination Invariant Transform on Face Recognition, International Journal of Engineering and Future Technology, 2016
12. A Survey on IIR and FIR Filter Design for ECG Signal Applications, International Journal for Scientific Research and Development, 2016
13. Review on Finite Word Length Effects for Digital Filters, International Journal for Scientific Research and Development, 2016
14. A Survey on Speech Signal using Multirate Digital Signal Processing, International Journal for Scientific Research and Development, 2016
15. Analysis of Different Types of IIR And FIR Filters in ECG Signal using various Transforms for Different Orders and Time Consumption, International Research Journal of Engineering and Technology, 2017
16. Design and Quantization of FIR and IIR Filter for OFDM Signal, International Journal for Research in Applied Science & Engineering Technology, 2017
17. Design and Analysis of Sub-band Coding of Speech Signal under Noisy Condition using Multirate Signal Processing, International Research Journal of Engineering and Technology, 2017
18. Analysis of H-Shaped Microstrip Patch Antenna for Four Different Substrates, Imperial Journal of Interdisciplinary Research, 2017
19. Performance Analysis of Accuracy in Remote Sensing Images Using Wavelet Based Contourlet Transform, Imperial Journal of Interdisciplinary Research, 2017
20. Design of CMOS Based Differential LNA and Mixer for ZigBee Application: A Survey, Imperial Journal of Interdisciplinary Research, 2017

21. A Survey – Audio and Video Synchronization, Imperial Journal of Interdisciplinary Research, 2017
22. Survey of Digital Filters for Speech Signals Using Multi-Rate Signal Processing, Imperial Journal of Interdisciplinary Research, 2017
23. Design and Performance Analysis of FIR Filtering Operations on Speech Signal Using Windowing Techniques, International Journal of Engineering and Future Technology, 2018
24. Design and Analysis of Digital Filters for Speech Signals using Multirate Signal Processing, ICTACT Journal on Micro Electronics, 2018
25. Performance Comparison of Various Noisy Audio Signals Analysis Using Different Sampling Rates, International Journal of Advanced Networking and Applications, 2018
26. Design of Low Noise Amplifier using Positive Feedback Gain Enhancement Technique, International Journal of Advanced Networking and Applications, 2018
27. Analysis of Micro-strip Patch Antenna for Four Different Shapes and Substrates, ICTACT Journal on Micro Electronics, 2018
28. Audio and Video Synchronization using Audio – Visual Signatures, International Journal of Engineering and Future Technology, 2018
29. A Survey on Face Recognition Methods, International Journal of Innovative Research in Science, Engineering and Technology, 2019
30. A smart sensing stick to assist blind persons for their daiPramana Research Journal ly activities, 2019
31. A 1GHz Cascaded CMOS Low Noise Block-Down Converter Using 0.13 $\mu$ m CMOS Technology, International Journal of Recent Technology and Engineering, 2019
32. Investigation of Rotated Local Gabor Features in Face Recognition using Fusion Techniques, Journal of Ambient Intelligence and Humanized Computing, 2020 (Springer)