

**Dr. P. Kannan**

Associate Professor and Head

Department of ECE

Amrita College of Engineering and Technology,  
Nagercoil

**List of Publications**

1. 'Investigation of Rotated Local Gabor Features in Face Recognition using Fusion Techniques',  
Journal of Ambient Intelligence and Humanized Computing,  
2020 (Springer)
2. 'A 1GHz Cascaded CMOS Low Noise Block-Down Converter Using 0.13 $\mu$ m CMOS Technology',  
International Journal of Recent Technology and Engineering,  
2019
3. 'A Survey on Face Recognition Methods',  
International Journal of Innovative Research in Science, Engineering and Technology,  
2019
4. 'Audio and Video Synchronization using Audio – Visual Signatures',  
International Journal of Engineering and Future Technology,  
2018
5. 'Analysis of Micro-strip Patch Antenna for Four Different Shapes and Substrates',  
ICTACT Journal on Micro Electronics,  
2018
6. 'Design of Low Noise Amplifier using Positive Feedback Gain Enhancement Technique',  
International Journal of Advanced Networking and Applications,  
2018
7. 'Performance Comparison of Various Noisy Audio Signals Analysis Using Different Sampling Rates',  
International Journal of Advanced Networking and Applications,  
2018
8. 'Design and Analysis of Digital Filters for Speech Signals using Multirate Signal Processing', ICTACT Journal on Micro Electronics,  
2018
9. 'Design and Performance Analysis of FIR Filtering Operations on Speech Signal Using Windowing Techniques',  
International Journal of Engineering and Future Technology,  
2018
10. 'Analysis of H-Shaped Microstrip Patch Antenna for Four Different Substrates',  
Imperial Journal of Interdisciplinary Research,

2017

11. 'Performance Analysis of Accuracy in Remote Sensing Images Using Wavelet Based Contourlet Transform',  
Imperial Journal of Interdisciplinary Research,  
2017
12. 'Design of CMOS Based Differential LNA and Mixer for ZigBee Application: A Survey',  
Imperial Journal of Interdisciplinary Research,  
2017
13. 'A Survey – Audio and Video Synchronization',  
Imperial Journal of Interdisciplinary Research,  
2017
14. 'Survey of Digital Filters for Speech Signals Using Multi-Rate Signal Processing',  
Imperial Journal of Interdisciplinary Research,  
2017
15. 'Main lobe Analysis in Wide Band Array Based on Array Weighting Using FRFT Low Pass Filter'  
International Journal of Statistics and Economics,  
2016
16. 'An Effective Application of Illumination Invariant Transform on Face Recognition',  
International Journal of Engineering and Future Technology,  
2016
17. 'A Survey on IIR and FIR Filter Design for ECG Signal Applications',  
International Journal for Scientific Research and Development,  
2016
18. 'Review on Finite Word Length Effects for Digital Filters',  
International Journal for Scientific Research and Development,  
2016
19. 'Speaker Identification Techniques - A Survey',  
International Journal of Advanced and Innovative Research,  
2015
20. 'Analysis of Various Techniques in Low Noise Amplifier Design',  
International Journal for Scientific Research and Development,  
2015
21. 'FPGA Implementation of Rotated Local Gabor XOR Pattern For Hybrid Face Recognition System',  
IJAER- Research India Publications,  
2015
22. 'VLSI architecture for LGXP texture for Face Recognition',  
Journal of Intelligent & Fuzzy Systems.  
2014
23. 'A Novel Approach for Face Recognition System based on Rotational Invariant Transform and Artificial Neural Networks',  
International Review on Computer and Software,

2014

24. 'A Systolic Architecture for Object Recognition Based on Hmax Model',  
IOSR Journal of Electronics and Communication Engineering,  
2014
25. 'FPGA Implementation of Rotational Invariant Local XOR Pattern Operator for Face Recognition System',  
Australian Journal of Basic and Applied Sciences,  
2014
26. 'A Survey on Degraded Document Image Binarization Techniques',  
International Journal of Advanced Research in Computer Engineering & Technology,  
2014
27. 'A Review on Design of Pipelined ADC',  
International Journal of Advanced Research in  
Computer Engineering & Technology,  
2014