

Paper Publications details 2022-2023

Sl. No.	Title of paper	Name of the author/s	Name of journal	Year of Publication
1.	Custom administering attention module for segmentation of magnetic resonance imaging of the brain.	Mrs. Nagaveni K	International Journal of Reconfigurable and Embedded Systems (IJRES)	Nov-2023
2.	Early stage brain tumor detection and classification using KSVM algorithm in GUI Window.	Mrs. Sangeeta	Journal of Advanced Zoology	Dec 2023
3.	Brain Tumor Detection Using Edge Detection method and calculation of tumor Area.	Mrs. Sangeeta	Journal of Harbin Engineering University	Aug-2023
4.	Brain tumor detection and classification with feature extraction and reduction using DWT and PCA	Mrs. Sangeeta	Journal of survey in fisheries sciences	2023
5.	A Survey on PAPR Reduction Techniques for Multipath Fading Channel.	Mrs. Vishalakshi Patil	Journal of Fundamental and Comparative Research, Vol. VIII	Jul- 2023
6.	An Imperative Study of efficient Image Processing Algorithms for Lung Cancer Detection, Segmentation and Classification: A Review	Ms. Abhilasha Patil	Journal of fundamental & Comparative Research: IF=7.268 Vol. VIII , No 1 :2022	Jul-2023
7.	Review on FPGA based Hybrid Image Fusion Model for CT & MRI Images	Mrs Shruti V H	Journal of Fundamental & Comparative Research Vol.VIII NO.1 (XXXIV)	Jul-2023
8.	Hybrid Techniques for the Segmentation Infection with Covid-19 in the Lungs using CT Images	Mrs. Laxmibai Biradar	Journal of Fundamental & Comparative Research:IF=7.268 Vol.VIII, No. 1(XXXIV)	Jul-2023
9.	“Literature Review on Investigation of Artificial Intelligence Methods in Image Analytics and Computer Vision”	Dr.Lakshmi Patil and Shivganga Patil	Journal of Harbin Institute of Technology, Volume 54, Issue 5, 2022.	2022

10.	Literature Review on Investigation of Artificial Intelligence Methods in Image Analytics and Computer Vision	Prof. Shivganga Patil	Journal of Harbin Institute of Technology, Volume 54, Issue 5	2022
Paper Publications details 2021-2022				
11.	Slit Loaded Compact Shaped Patch Antenna for 5GHz Wireless Application	Dr. Sujata K	International Journal of Applied Engineering and Management Letters(IJAEML),ISSN -7000 Vol 6 pg260-266	2022
12.	Brain tumor detection and classification using clustering and comparision with FCM	Mrs. Sangeeta	International conference on inovative computing, intellegent communicatrion and smart electrical systems (ICES)	2022
13.	Deep graph neural network optimized with fertile field algorithm based detection model for uplink multi-user massive multiple-input and multiple-output system	Dr. Basanti Ghanti	Research Article, Wiley, Trans Emerging Tel Tech. 2022;e4614. DOI: 10.1002/ett.4614	2022
14.	PAPRReduction by Using DCT and IDCT Techniques	Mrs. Vishalakshi Patil	IJSDR, Volume 7 Issue 8 .	2022
15.	PAPRReduction by Using DCT and IDCT Techniques	Mrs. Vishalakshi Patil	IJSDR, Volume 7 Issue 8 .	2022
16.	Design and performance analysis of 4-bit Nano-Processor design for low area, low power and minimum delay using 32 nanometer FinFET Technology	Dr. Sujata K	WSEAS TRANSACTIONS on ELECTRONICS	2021
17.	Fabrication and Characterization of Multiband Printed Antenna with Defective ground Structure Coated with Silver Nanomaterial for Wireless Applications	Dr. Sujata K	International Research Journal on Advanced Science Hub.	2021
18.	Inset-fed Multiband Square Patch Antenna on Flexible substrate for Fifth-Generation Wireless Communication.	Dr. Sujata K	International Journal of Applied Engineering and Management Letters(IJAEML), 5(2), 106-118	2021

Paper Publications details 2020-2021

19.	Enhanced Blood Donation Management System	Mrs. Nagaveni K	International Journal of Information Technology and Electrical Engineering	2021
20.	Online Voting System Using Python	Mrs. Nagaveni K	International Journal of Creative Research Thoughts	2021
21.	“A Precoding based PAPR minimization schemes for NOMA in 5G Network”,	Mrs. Vanita K	SN computer Science - 2021(Scopus).	May-21
22.	Comparision of IDMA with other multiple access in wireless mobile communication	Dr. Asharani Patil	2nd International Conference on Applied and Theoretical Computing and Communication Technology	2021
23.	”Precoding Techniques to minimize PAPR for OFDM System”,	Mrs. Vanita K	Recent trends in communication and Electronics 2021 Taylor & Francis Group.	2021
24.	An Efficient Technique for Tumor Detection and Classification Using K-Means Clustering Algorithm	Mrs. Sangeeta Patil	Annals of the Romanian Society for Cell Biology, pp.169-180.	2021
25.	“Enhanced OFDM-NOMA for Next generation wireless Communication “ 2012-20	Mrs. Vishalakshi Patil	International Journal of Information Technology and Electrical Engineering, .	2020
26.	“Low-PAPR Spatial Modulation for SC-FDMA” 2012-20	Mrs. Vishalakshi Patil	International Journal of Information Technology and Electrical Engineering,	2020

27.	“SC-FDMA using Enhanced PAPR Spatial Modulation” 2012-21	Mrs. Vishalakshi Patil	International Journal of Information Technology and Electrical Engineering, .	2020
28.	A Review on an Efficient Technique for Detection and Classification of Early Stage Tumor	Mrs. Sangeeta Patil	International Journal of New Technology and Research	2020
29.	“A consolidated PAPR-Decrease Method for Unevenly Cut Optical OFDM Framework “2012-21	Mrs. Vishalakshi Patil	International Journal of Information Technology and Electrical Engineering,	2020
30.	Performance analysis and high recognition rate of automated hand gesture recognition through GMM and SVM K-NN classifiers	Dr. Anuradha Patil	International Journal of Scientific and Technology Research.	2020
31.	Design and Performance Metrics of Enhanced ELBP-HOG based hand gesture detection using SVM classifier	Dr. Anuradha Patil	Solid State Technology	2020
32.	A Matlab Based Facial Recognition using Image Processing	Dr. Laxmi Patil	International Journal of Recent Scientific Research, Vol 11, Issue 05, August 2020	2020
33.	A survey Image compression using memristor based hardware accelerator	Dr. Shilpa Shrigri	STRAD RESEARCH, VOLUME 7, ISSUE 9	2020
34.	Performance analysis and design of finfet 32nm based low power 4-bit alu, carry save adder and multiplier for high speed processors.	Dr. Sujata K	Science Direct: Materials Today Procedia-Journal, Elsevier publisher.	2020
Paper Publications details 2019-2020				
35.	Error-Rate Performance of Coded System for MC-IDMA using Spatial Diversity in Cognitive Spectrum	Dr. Asharani Patil	Journal Procedia Computer Science, Publisher : Elsevier	2020

36.	Zadoff Chu Spreading Sequence for 5G Wireless Communications	Mrs. Vanita k	Emerging Trends in Photonics, Signal Processing and Communication Engineering. Lecture Notes in Electrical Engineering, vol 649. Springer, Singapore	Apr-20
37.	Real Time Face Detection using Matlab	Dr.Lakshmi Patil	International Journal of Research in Advent Technology Vol. 7,No. 9, September 2019.	2019
38.	Review of different face recognition techniques	Dr.Lakshmi Patil	International Journal of Research and analytical Review, January 2019.	2019
39.	A Virtual Differences in Face Recognition Techniques	Dr.Lakshmi Patil	Journal of Engineering and Advanced Technology (IJEAT) Volume-8 Issue-6S, August 2019	2019
40.	Efficient VLSI implementation of Digital Artificial Neuron using System verilog	Dr. Shilpa Shrigiri	A Journal of composition Theory	2019
41.	Performance Analysis Of Analog Data Compression And Decompression Using ANN In 32nm FinFET Technology	Dr. Sujata K	International Journal Of Scientific & Technology Research (IJSTR). Vol.8, No.12.,	2019
42.	Design of Low Power 4bit 6T-Sram Cell for Data Storage using Finfet 32NM Technology	Dr. Sujata K	international journal of innovative and exploring Engineering (IJITEE)	Dec 2019
43.	Design of Low Power 6t- Sram Cell For Advanced Processors	Dr. Sujata K	International Journal of Engineering and advanced Technology (IJEAT),	2019
Paper Publications details 2018-2019				
44.	Up-Link : Coded Cognitive MIMO MC-IDMA System for Frequency-Selective Channel	Dr. Asharani Patil	International Journal of Computer Science and Network Security	2019

45.	Modified SVD based Face Recognition using Hidden Markov Models	Dr.Lakshmi Patil	Journal of Adv Research in Dynamical and Control System, Vol.10, 13-Special Issue, 2018	2018
46.	Performance Analysis of FINFET Based 16:4 Encoder and 4:16 Decoder-A Design Perspective.	Dr. Sujata K	IOSR Journal of VLSI and Signal Processing (IOSR-JVSP), Vol.8, No.6, Ver. I, PP, 49-55, p-.	2018
47.	Survey on latest FinFET Technology and Its Challenges in Digital Circuits and IC's	Dr. Sujata K	International Journal of Electronics Engineering, Vol. 10. No. 2 PP. 577-585 .	Dec-18
48.	Comparative survey analysis on interleaving techniques in IDMA systems	Dr. Asharani Patil	Proceedings of the 2017 International Conference On Smart Technology for Smart Nation, SmartTechCon 2017,	May-18
49.	“Design and Analysis IDMA and CDMA In Rayleigh Channel With Equalization Technique Using Tree Based Interleaver	Dr. Asharani Patil	Third International Conference on Emerging Trends in Electrical, Communication and Information Technologies	Sep-19
50.	Down Link: Error-Rate Performance of Cognitive D-STTD MC-IDMA System	Dr. Asharani Patil	Springer in Communications in Computer and Information Science Series (CCIS)	May-20
51.	Methods on Real Time Gesture Recognition System	Dr. Anuradha Patil	International Journal of Engineering & Technology volume 7, 2018	Jul-18
52.	Impact of Pre-and Post-Equalization on the Performance of PNC	Dr. Basanti Ghanti	International Journal of Engineering and Technology (IJET-UAE),	Nov-18
53.	Performance of Analog Network Coded Communication with Channel Noise Assisted Gain”	Dr. Basanti Ghanti	International Journal of Engineering and Technology (IJET-UAE),	Nov-18

54.	Performance of PNC with Digital Prefilter Based Receiver Equalizer”	Dr. Basanti Ghanti	International Journal of Computer Networks and Wireless Communications Vol.8, No.3, (IJCNCW),	2018
55.	Iterative Relay Receiver for Physical Layer Network Codes Transmission	Dr. Basanti Ghanti	International Journal of Emerging Technologies and Innovative Research (JETIR), Vol.8.	2018
56.	“Power Allocation Strategies for Wireless Relay Networks with Analog Network Coding: Survey”	Dr. Basanti Ghanti	International Journal on Future Revolution in Computer Science & Communication Engineering (IJFRCSCE), Vol.4, No.3	2018

Books and Chapters in edited volume published by Faculties

Sl. No.	Name of the teacher	Title of the book published	Title of the chapters published		Year of publication
1	Dr. Lakshmi Patil	RF Sputtered Gold Nano Particles Based Giga Hertz Epoxy Layer Novel patch Antenna with Detected Ground structure	RF Sputtered Gold Nano Particles Based Giga Hertz Epoxy Layer Novel patch Antenna with Detected Ground structure	Recent Developments in Computing Electronics and Mechanical Science	2020
2	Dr. Sujata K	RF Sputtered Gold Nano Particles Based Giga Hertz Epoxy Layer Novel patch Antenna with Detected Ground structure	RF Sputtered Gold Nano Particles Based Giga Hertz Epoxy Layer Novel patch Antenna with Detected Ground structure	Recent Developments in Computing Electronics and Mechanical Science	
3	Mrs. Anuradha Patil	Fundamentals of Embedded Programming	Fundamentals of Embedded Programming		2022