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St. JOSEPH'S INSTITUTE OF TECHNOLOGY
(An Autonomous Institution)
St. Joseph's Group of Institutions
OMR, Chennai - 119

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

JOURNAL PUBLICATION DETAILS

2023-2024

S. No.	Name of the Faculty	Title of the Paper	Name of the Journal	Indexing	Impact Factor
1.	Dr. C. Gnana Kousalya	Multimodal Deep Learning for Activity Detection from IoT Sensors	IETE Journal of Research	SCIE	2.33
2.	Dr. G. Rohini	Multimodal Deep Learning for Activity Detection from IoT Sensors	IETE Journal of Research	SCIE	2.33
3.	Dr. G. Rohini	Energy-Efficient Cluster Head Selection in Manets Using Firefly Algorithm	ICTACT Journal on communication Technology	UGC List	-
4.	Dr. G. S. Uthayakumar	Enhancing the photo-sensing properties of CdS via fabricating hybrid with MoS2 for bifunctional optoelectronic and DSSC applications	Chemical Papers	SCIE	2.2
5.	Ms. G. Thennarasi	Design and Analysis of a Conformal MIMO Ingestible Bolus Sensor Antenna for Wireless Capsule Endoscopy for Animal Husbandry	IEEE Sensors Journal	SCIE	4.1
6.	Ms. A. Maria Christina Blessy	Energy-efficient fuzzy management system using tri-parametric methodology in vanet	Wireless Networks	SCIE	3.0

2022-2023

S. No.	Name of the Faculty	Title of the Paper	Name of the Journal	Indexing	Impact Factor
1.	Dr. Gnana Kousalya C	Intrusion Detection System with an Ensemble Learning and Feature Selection Framework for IoT Networks	IETE Journal of Research	SCIE	2.333
2.	Dr. Gnana Kousalya C	Smart buffer stock solution for onion	Journal of Emerging Technologies and Innovative Research	UGC LIST I	-

3.	Dr. Gnana Kousalya C	Distinguishing Agro Based Impediments using DL system and outlier Integration	Computer Integrated Manufacturing Systems	Scopus	-
4.	Dr. Gnana Kousalya C	Autonomous Forecasting of Traffic in Cellular Networks Based on Long-Short Term Memory Recurrent Neural Network	Cybernetics and Systems	SCIE	1.859
5.	Dr. Gnana Kousalya C	Novel Real-Time Decision-Based Carrier Tracking for Software-Defined Radios Using M-ARY QAM Modulation	International Journal of Decision Support System Technology	ESCI	-
6.	Dr. Rohini G	Ring Cross-over Based GA for DFMB Chip Design and Medical Image Compression	Current Signal Transduction Therapy	Scopus	-
7.	Dr. Rohini G	Intrusion Detection System with an Ensemble Learning and Feature Selection Framework for IoT Networks	IETE Journal of Research	SCIE	2.333
8.	Dr. Rohini G	Anti-Drone system using Image Processing	International Journal of Innovative Research in Computer and Communication Engineering	-	-
9.	Dr. Rohini G	Autonomous Forecasting of Traffic in Cellular Networks Based on Long-Short Term Memory Recurrent Neural Network	Cybernetics and Systems	SCIE	1.859
10.	Dr. Rohini G	Predictive analysis and screening diagnosis of HDD storage deterioration using smart MI strategies	Computer Integrated Manufacturing Systems	Scopus	-
11.	Dr. Ramesh P G V	Performance analysis of Fiber-Optic DWDM System	Lecture Notes in Electrical Engineering	Scopus	-
12.	Dr. Ramesh P G V	Design of miniaturized dual-band filtering antenna with improved selectivity utilizing square complementary split ring resonator for 5G MM-wave automobile applications	International Journal of RF and Microwave Computer-Aided Engineering	SCIE	1.694
13.	Dr. Ramesh P G V	On-demand DWDM design using machine learning	Data analytics and machine learning	SCIE	1.084
14.	Dr. Ramesh P G V	Green channel DWDM design using optimized CFBG	Optoelectronics and advanced materials – rapid communications	SCIE	0.556
15.	Dr. Ramesh P G V	Autonomous Surveillance Aerial System	International Journal of All Research Education and Scientific Methods (IJARESM)	-	-
16.	Dr. Uthayakumar G S	Curriculum Learning for Brain Tumor Segmentation	Juni-Khyat	UGC LIST I	-

17.	Dr. Uthayakumar G S	Systematically efficiency enabled energy usage method for an IOT based WSN environment	Measurement of Sensors	Scopus	-
18.	Dr. Uthayakumar G S	Design Criteria for enhanced energy constraint MAC protocol for WSN	Measurement of Sensors	Scopus	-
19.	Dr. Kavitha C T	A Smart Multisensor Approach to Assist Blind People using OCR Technology	International Journal of Innovative Research in Computer and Communication Engineering	-	-
20.	Dr. Kavitha C T	Thermal flap barrier system for covid-19 prevention	Journal of Emerging Technologies and Innovative Research	UGC LIST I	-
21.	Dr. Kavitha C T	Prediction of Heart Disease using Machine Learning Algorithms with Feature Selection Techniques	Cardiometry	ESCI	-
22.	Dr. Samayaraj Murali Kishanlal M	Smart sign language by using image processing technique	Juni-Khyat	UGC LIST I	-
23.	Dr. Samayaraj Murali Kishanlal M	Smart system-based security alerting system for vehicles	Juni-Khyat	UGC LIST I	-
24.	Dr. Samayaraj Murali Kishanlal M	Live video streaming for boarder security	Juni-Khyat	UGC LIST I	-
25.	Dr. Samayaraj Murali Kishanlal M	Automated Paralysis and Coma patient Health care monitoring system for the future using IOT	Dogo Rangsang Research Journal	UGC LIST I	-
26.	Dr. Samayaraj Murali Kishanlal M	A Novel DWDM based Comb Source for Future Optical Network	Journal of Nonlinear Optical Physics & Materials	SCIE	0.981
27.	Mr. Bino J	Intrusion Detection System with an Ensemble Learning and Feature Selection Framework for IoT Networks	IETE Journal of Research	SCIE	2.333
28.	Dr. Bhuvana B P	IOT Based Synergetic approach for Poultry management	Gradiva Journal	UGC List	-
29.	Dr. Bhuvana B P	Machine Learning Based Epileptic Seizure Detection In EEG Signals	Gradiva Journal	UGC List	-
30.	Ms. Sneha G	IoT based two way safely enabled intelligent stove with age verification using Machine Learning	International Journal of Scientific Research in Science, Engineering and Technology	-	-
31.	Ms. Sneha G	Global Medical Data Access System with Patient Condition Using Machine and Deep Learning	Gradiva Journal	UGC List	-

| 32. | Ms. Sneha G | Planar Edged UWB Antenna for Water Quality Measurement | Progress In Electromagnetics Research C | - | - |

2021-2022

S.No.	Name of the Faculty	Title of the Paper	Name of the Journal	Indexing	Impact Factor
1.	Dr. Gnana Kousalya C	Comparative Analysis on Light Weighted Deep Learning Models for Implementation in Real-time Video Surveillance Systems	International Journal of mechanical Engineering	Scopus	-
2.	Dr. Gnana Kousalya C	Distinguishing Agro Based Impediments using DL system and outlier Integration	Mathematical Statistician and Engineering Applications	Scopus	-
3.	Dr. Dr. P.G.V Ramesh	Performance Study of Randomly Coupled Erbium-Doped Fiber Amplifier using Machine Learning	Optical Engineering	Web of Science	1.084
4.	Dr. P.G.V Ramesh	DWDM Reconstruction using Supervised and Unsupervised Learning Approaches	Optoelectronics and Advanced Materials-Rapid communications	Web of Science	0.441
5.	Dr. G.S Uthayakumar	LI-FI Integrated to power – Lines for Smart Illuminations Cum Communications	International Academy of science, Engineering and Technology	-	-
6.	Dr. G.S Uthayakumar	Novel Wheel Chair for Physically Challenged Using IOT	International Academy of science, Engineering and Technology	-	-
7.	Dr. G.S Uthayakumar	Novel Bio-Electrode for Human Body Signal Detection	International Academy of science, Engineering and Technology	-	-
8.	Dr. Kavitha C T	Augmented Reality Based Driver Assistance System	International Journal of innovative Research in Computer and Communication Engineering	-	-
9.	Ms. Maria Christina blessy	A Comprehensive Survey of Various Localization Methods in Vehicular Ad Hoc Network	International Journal of computer Networks and Applications (IJCNA)	Scopus	0.590
10.	Mr. Immanuel K	Comparative Analysis on Light Weighted Deep Learning Models for Implementation in Real-time Video Surveillance Systems	International Journal of Mechanical Engineering	Scopus	-
11.	Mr. Immanuel K	Design and Implementation of U-Slot Microstrip Patch Antenna Using Co-Axial	International Journal of Health Sciences	Scopus	-

S.No.	Name of the Faculty	Title of the Paper	Name of the Journal	Indexing	Impact Factor
		Feeding Technique for WLAN Applications			
12.	Mr. Dinesh Kumar A	Comparative Analysis on Light Weighted Deep Learning Models for Implementation in Real-time Video Surveillance Systems	International Journal of Mechanical Engineering	Scopus	-
13.	Mr. Dinesh Kumar A	Design and Implementation of U-Slot Microstrip Patch Antenna Using Co-Axial Feeding Technique for WLAN Applications	International Journal of Health Sciences	Scopus	-
14.	Mr. Siva T	Design and Implementation of U-Slot Microstrip Patch Antenna Using Co-Axial Feeding Technique for WLAN Applications	International Journal of Health Sciences	Scopus	-
15.	Mr. Suresh D	Design and Implementation of U-Slot Microstrip Patch Antenna Using Co-Axial Feeding Technique for WLAN Applications	International Journal of Health Sciences	Scopus	-

2020-2021

S.No.	Name of the Faculty	Title of the Paper	Name of the Journal	Indexing	Impact Factor
1.	Dr.C. Gnana kousalya	Utilization of Fish Excrete for Plant Growth Using SVM – Proceedings of Algorithms for Intelligent Systems	Springer Nature Book Series.	Springer	-
2.	Dr.C. Gnana kousalya	Block Chain Technology & its application: a survey on data and network analysis	IRJETS	GOOGLE SCHOLAR	-
3.	Dr.G.Rohini	Block Chain Technology & its application: a survey on data and network analysis	IRJETS	GOOGLE SCHOLAR	-
4.	Dr.G.Rohini	Quality and Durability Checking of Clothes, International Journal of Scientific & Engineering Research	IJSER	GOOGLE SCHOLAR	-
5.	Dr.P.G.V.Ramesh	Performance analysis of coherent free-space optics transmission link using in-phase quadrature modulator-based polarization multiplexed-256-quadrature amplitude modulation	Transactions on Emerging Telecommunication Technologies, Wiley	Scopus/ SCI/SCIE	-
6.	Dr.P.G.V.Ramesh	Theoretical investigation for optimization of FWM effects for 1Tb/s ultra-band DWDM system -Opto Electronics and	Opto Electronics and Advanced materials- Rapid Publications	Scopus/ SCI/SCIE	-

		Advanced materials- Rapid Communication			
7.	Dr.P.G.V.Ramesh	Pandemic Welfare Guidance	International Journal of Advanced Research in Science, Communication and Technology	-	
8.	Dr.P.G.V.Ramesh	Supervised regression modelling for mitigation of four-wave mixing in dense wavelength-division multiplexing systems	Ukrainian Journal of Physical Optics	Scopus/ SCI/SCIE	-
9.	Dr.P.G.V.Ramesh	Design of a compact printed low pass filtering antenna with wideband harmonic suppression for automotive communication	International Journal of RF and Microwave Computer-Aided	SCI	-
10.	Dr.P.G.V.Ramesh	Design of Compact UWB Filter Using Parallel-coupled Line and Circular Open-circuited Stubs	IETE Journal of Research IET Microwaves, Antennas & Propagation	SCI	-
11.	Dr.P.G.V.Ramesh	Design of compact patch antenna with enhanced gain and bandwidth for 5G mm-wave applications	-	Scopus/ SCI	-
12.	Dr.P.G.V.Ramesh	Design of Miniaturized Super wideband Printed Monopole Antenna Operating From 0.7 to 18.5 GHz	AEU-International Journal of Electronics and Communication	Scopus/Web Of Science/ SCI	-
13.	Dr. A.Akilandewari	Design and Fabrication of Cost Effective FDM Based 3D Printer for sustainable Environment.	Journal of Green Engineering	Scopus	-
14.	Dr. G.S.Uthayakumar	Health support system for diabetic prevention using IOT and networked health monitoring equipment	International Journal of Advanced Research in Science, Communication and Technology	-	-
15.	Dr. G.S.Uthayakumar	Remote detection for the presence of $NH_3, CO_2, CH_4, H_2O, CO$ and other toxic gases at various locations in a sewer to alert the user	International Journal of Advanced Research in Science, Communication and Technology	-	-
16.	Dr. G.S.Uthayakumar	Early Stage Disease Diagnosis Using Human Nail In Image Processing,	Journal of Advanced Research in Science, Communication and Technology	-	-
17.	Dr.Jeba Johannah Samuel	Low-Power Deep-Submicron CMOS Adder Using Optimized Delay Universal Gates	Springer Nature Book Series.	Springer	-

18.	Dr.Jeba Johannah Samuel	Multi Patient Wireless Monitoring for Pandemic With Continuous Reading Analysis and Alert Generation For Affected Patient	Journal of Advanced Research in Science, Communication and Technology	-	-
19.	Dr.M.V.Karthikeyan	Improving the Lifetime of an Out-Patient Implanted Medical Device Using a Novel Flower Pollination-Based Optimization Algorithm in WBAN Systems	MDPI	-	-
20.	Dr.M.V.Karthikeyan	Virtual Brain: Model Based Framework for Dependable EEG Sensing and Actuation In Intelligent Brain IoT System	International Journal of Advanced Research in Science, Communication and Technology	-	-
21.	Dr.M.V.Karthikeyan	The Smart Assistant for Library Management and Book Reader for Blind People Using Raspberry Pi	International Journal of Advanced Research in Science, Communication and Technology	-	-
22.	Mrs. S.Tephillah	An SETM Algorithm for Combating SSDF Attack in Cognitive Radio Networks	Wiley -Hindawi	SCI	-
23.	Mrs. S.Tephillah	Improving the Lifetime of an Out-Patient Implanted Medical Device Using a Novel Flower Pollination-Based Optimization Algorithm in WBAN Systems	MDPI	Australia Journal	-
24.	Mrs. S.Tephillah	Cloud Based Virtual Analysis of Patients and Automatic Assistance Using ML	International Journal of Advanced Research in Science, Communication and Technology	-	-
25.	Mrs. S.Tephillah	Identification Of Malicious User To Combat SSDF Using Trust Based Machine Learning Techniques In Cognitive Radio Networks	International Journal of Future Generation Communication and Networking	ESCI	-
26.	Mr.D.Suresh	Efficient Water Usage Prediction and Metering System Using IoT	International Journal of Advanced Research in Science, Communication and Technology	-	-
27.	Mr.D.Suresh	Landslide Detection	International Journal of Advanced Research in Science, Communication and Technology	-	-
28.	Mr.T.Siva	Smart Railway Gate Assistance System Using AI	International Journal of Advanced Research in Science, Communication and Technology	-	-
29.	Mr.K.Immanuel	Personalized Weather Station with machine Learning based Rainfall Predictor	International Journal of Advanced Research in Science,	-	-

S.No.	Name of the Faculty	Title of the Paper	Name of the Journal	Indexing	Impact Factor
			Communication and Technology		
30.	Mr.J.Bino	Review of mobile apps in combating COVID-19 in India	Solid State Technology Vol 64 Iss 2	Scopus	-

2019-2020

S.No.	Name of the Faculty	Title of the Paper	Name of the Journal	Indexing	Impact Factor
1.	Dr.C.Gnana Kousalya Professor	Digital Image Falsification Detection System for Effective Data Communication	International Journal of Engineering and Advanced Technology (IJEAT)	Scopus	-
2.	Dr.C.Gnana Kousalya Professor	Robot for Under Water Monitoring	International Journal of Engineering and Advanced Technology (IJEAT)	Scopus	-
3.	Dr.C.Gnana Kousalya Professor	Non Contact Heart Rate Monitoring using Facial Video	International Journal of Engineering and Advanced Technology (IJEAT)	Scopus	-
4.	Dr.C.Gnana Kousalya Professor	Utilization of Fish Excrete for Plant Growth Using SVM	Algorithms for Intelligent Systems/	Springer Nature Book Series	-
5.	Dr.G.Rohini Professor	Robot for Under Water Monitoring	International Journal of Engineering and Advanced Technology (IJEAT)	Scopus	-
6.	Dr.G.Rohini Professor	Automation of Longitudinal Time Series Data Visualization using Plot Specifications Obtained from XL file	International Journal of Engineering and Advanced Technology (IJEAT)	Scopus	-
7.	Dr.G.Rohini Professor	Quantum Optimization of Evolutionary Algorithm using Droplet-Based Advanced Digital Microfluidic Biochip and Clinical Prognosis Configuration	Journal of Medical Imaging and Health Informatics	SCIE	-
8.	Dr.G.Rohini Professor	Quality and Durability Checking of Clothes	International Journal of Scientific & Engineering Research -IJSER	-	-
9.	Dr.P.G.V.Ramesh Professor	Miniaturized Low-Pass Filter Design With Wide Stop Band Using Complementary Split-Ring Resonator	Microwave and Optical Technology Letters	SCI	-
10.	Dr.P.G.V.Ramesh Professor	Electromagnetic Interference Suppression In Stacked Patch Antenna Using Complementary Split Ring Resonator	Microwave and Optical Technology Letters	SCI	-
11.	Dr.P.G.V.Ramesh Professor	Design of Compact Highpass Filter for 5G MM-Wave	Frequenz	Scopus/SCIE	-

S. No.	Name of the Faculty	Title of the Paper	Name of the Journal	Indexing	Impact Factor
1.		Applications using Complementary Split Ring Resonator'			
12.	Dr.P.G.V.Ramesh Professor	Design of Miniaturized Super wideband Printed Monopole Antenna Operating From 0.7 to 18.5 GHz	AEU-International Journal of Electronics and Communication	Scopus/SCIE	-
13.	Dr.P.G.V.Ramesh Professor	Design of compact Ultra Wide Band Filter with sharp roll-off rate using parallel-Coupled line and Circular Open-Circuited Stubs	AEU-International Journal of Electronics and Communication	Scopus/SCIE	-
14.	Mr.M. Senthil Murugan Associate Professor	Hardware Implementation of Hybrid Model Encryption Algorithm for Secure Transmission of Medical Images	International Journal of Engineering and Advanced Technology (IJEAT)	Scopus	-
15.	M. Samayaraj Murali Kishanlal Associate Professor	Future Generation Optical Network for Wired and Wireless Networks Based on OFDM using a Comb Source	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	Scopus	-
16.	Dr.P.G.V.Ramesh Professor	Design of Compact patch Antenna with Enhanced Gain and Bandwidth for 5G MM-Wave Applications	IET Microwaves, Antennas & Propagation	SCI	-
17.	Dr.M.V.Karthikeyan Associate Professor	An enhanced flower pollination algorithm based chaff point generation method with hardware implementation in WBAN	International Journal of Communication System	SCI	-
18.	Mr.K.Immanuel Assistant Professor	Enhanced Intelligent Automated Approach to MSRCR Algorithm for Image Enhancement	International Journal of Engineering and Advanced Technology (IJEAT)	Scopus	-
19.	Mr.A.Dinesh Kumar Assistant Professor	Enhanced Intelligent Automated Approach to MSRCR Algorithm for Image Enhancement	International Journal of Engineering and Advanced Technology (IJEAT)	Scopus	-
20.	Mr.E.Praveen Kumar Assistant Professor	Enhanced Intelligent Automated Approach to MSRCR Algorithm for Image Enhancement	International Journal of Engineering and Advanced Technology (IJEAT)	Scopus	-

2018-2019

S. No.	Name of the Faculty	Title of the Paper	Name of the Journal	Indexing	Impact Factor
1.	Mr. Samayaraj Murali Kishanlal M	Enabling Internal Methods in Passive Optical Network Architecture for Next generation OFDM-PON supporting Radio-Over-Fiber	Concurrency Computing	Scopus & Web of Science	-

S. No.	Name of the Faculty	Title of the Paper	Name of the Journal	Indexing	Impact Factor
2.	Mr. M. Senthil Murugan	Implementation of Advanced Encryption Standard Algorithm on Steganography	International Journal of Recent Technology and Engineering	Scopus (Elsevier)	-
3.	Mr. M. Senthil Murugan	Area-efficient and High-Speed Hardware Structure of Hybrid Cryptosystem (AES-RC4) for Maximizing key lifetime using Parallel Subpipeline Architecture	Concurrency and Computation: Practice & Experience	Scopus (Elsevier) & Web of Science	-
4.	Mr. M. V. Karthikeyan	Efficient Bio-Signal Feature Based Secure Secret Key Generation Scheme a Simplified Model for Wireless Body Area Network (EFSKG Scheme)	Journal of Medical Imaging and Health Informatics	SCIE	-
5.	Mr. M. Baskaran	Photonic Generation of frequency 16-tupling Millimeter Wave signal using Polarization Property Without an Optical Filter	Optik - International Journal for Light and Electron Optics	SCIE	-
6.	Mr. M. V. Karthikeyan	ECG-Signal Based Secret key Generation (ESKG) Scheme for WBAN and Hardware Implementation	Wireless Personal Communications	Scopus	-
7.	Dr. V. R. Balaji	Integrated 25GHz and 50GHz Spectral line width Dense Wavelength Division Demultiplexer on Single Photonic Crystal Chip	Opto-Electronics Review	Scopus/ Elsevier	-
8.	Mrs. P. Princy Magdaline	Wireless Stethoscope for Recording Heart Sound using Li-Fi	Journal of Advance Research in Dynamical & Control Systems	Scopus/ Elsevier	-
9.	Mr. A. Dinesh Kumar	AAGC-Autonomous Armed Guard Companion	International Journal of Engineering & Technology (UAE)	Scopus	-
10.	Mrs. L. Kanagadurga	Performance Analysis of All Optical Data and Clock Recovery System Using Fiber Bragg Grating in Sensing Applications	Journal of Electrical Engineering	Scopus	-

2017-2018

S. No.	Name of the Faculty	Title of the Paper	Name of the Journal	Indexing	Impact Factor
1.	Dr. C. Gnana Kousalya	Design Modeling and Fabrication of Human-Humanoid Robot Communication	Pakistan Journal of Biotechnology	Scopus	-
2.	Mr. M. Senthil Murugan	Design of Hybrid Model Cryptographic Algorithm for Wireless Sensor Network	International Journal of Pure and Applied Mathematics	Scopus	-
3.	Mr. M. Baskaran	Optical Millimeter Wave Signal Generation with	Journal of the European Optical	Scopus & Springer	-

S. No.	Name of the Faculty	Title of the Paper	Name of the Journal	Indexing	Impact Factor
		Frequency 16-tupling using Cascaded MZMs and no Optical Filtering for Radio Over Fiber System	Society-Rapid Publications		
4.	Mr. M. V. Karthikeyan	Secret Key Generation of 128-Bits Using Patient ECG Signal and Secret Transmission for IMDS Authentication Using Steganography	International Journal of Pure and Applied Mathematics	Scopus	-
5.	Mrs. S. Tephillah	Vehicle to Vehicle Communication for Collision Avoidance using Zigbee	International Journal of Science and Innovative Engineering & Technology	-	-
6.	Mr. V. R. Balaji	Low Crosstalk DWDM Photonic Demultiplexer	International Journal Of Innovation In Engineering Research & Management	-	-
7.	Mr. V. R. Balaji	Smart Kitchen with Inventory Monitoring and Management using IoT	International Journal of Innovation In Engineering Research & Management	-	-
8.	Mrs. G. Akilandeswary	Survey of Network Simulator Tools	Journal of Advanced Research in Dynamical and Control System	Scopus	-
9.	Mrs. N. Sivasankari	Analysis of Average Weight Based Centroid Localization Algorithm for Mobile Wireless Sensor Networks	Advances in Wireless and Mobile Communications	-	-

2016-2017

S. No.	Name of the Faculty	Title of the Paper	Name of the Journal	Indexing	Impact Factor
1.	Mrs. G. S. Annie Grace Vimala	Diabetic retinopathy screening system: A validation analysis with multiple fundus image databases	Biomedical Research (India)	Scopus, Thomson Reuters	-
2.	Mrs. N. R. Bhuvaneswari	Robust and speedy multi kernels sparse representation technique for image classification in remote sensing	International journal of Engineering and technology	Scopus	-
3.	Mrs. N. R. Bhuvaneswari	A multi feature fusion based image classification using multi-class support vector machine	International journal of Computer technology and applications	-	-
4.	Mrs. N. R. Bhuvaneswari	Novel image classification technique using particle filter framework optimized by	Brazilian archives of biology and technology	Scopus	-

		multi kernel sparse representation			
5.	Mrs. A. Akilandeswari	Fast Architecture Multiplier Less Based DWT	Asian Journal of Information Journal	Scopus	-
6.	Mrs. S. Tephillah	A layer Based Survey on the Security Issues of Cognitive Radio Networks.	International Journal of Computer Science and Information Security	-	-
7.	Mrs. S. Tephillah	Primary User emulation Attack (PUEA) Analysis in Cognitive Network	International Journal of Emerging Trends & Technology in Computer Science	-	-
8.	Mrs. P. Princy Magdeline	Realization of Efficient Curve-Based Crypto Processor on FPGA	International Journal of emerging technologies in engineering research	-	-
9.	Mr. V. R. Balaji	Design and Optimization of Four Channel Dense Wavelength division multiplexing Demultiplexer using Photonic Crystals Square Resonant Cavity.	Journal of optoelectronics and advanced materials	Scopus, Thomson Reuters	-
10.	Mr. V. R. Balaji	Two-Dimensional Photonic Crystal assisted DWDM Demultiplexer with Uniform Channel Spacing	Digest journal of nanomaterials and biostructure	Scopus, Thomson Reuters	-
11.	Mr. V. R. Balaji	Design and Optimization of Photonic Crystal Based Eight Channel Dense Wavelength Division Multiplexing using Conjugate Radiant Neural network	Optical and Quantum Electronics	Scopus, Thomson Reuters	-
12.	Mr. V. R. Balaji	Designing of 4-Channel drop Filter Based on Square Resonant Nano Cavity	International journal of advanced Engineering Technology	-	-
13.	Mrs. A. Maria Christina Blessy	Realization of Efficient Curve-Based crypto Processor on FPGA	International Journal of emerging technologies in engineering research	-	-
14.	Mrs. S. Gayathri	Realization of Efficient Curve-Based crypto Processor on FPGA	International Journal of emerging technologies in engineering research	-	-