



HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY

(An Autonomous Institution, Affiliated to Anna University, Chennai)

Valley Campus, Pollachi Highway, Coimbatore - 64103



ELECTRONICS AND COMMUNICATION ENGINEERING

LIST OF JOURNAL PUBLICATION

S.No	Name of the Faculty Member	Title of the Journal	Name of the Journal
Academic Year 2020 - 2021			
1.	A Suresh Babu B.Anand	Modified dynamic current mode logic based LFSR for low power applications	Microprocessors and Microsystems
2.	Baskar D	Alzheimer's disease classification using deep learning	Computational Intelligence and Its Applications in Healthcare, Elsevier
3.	A.Suresh Babu Dr.B.Anand	Modified Dynamic Current Mode Logic Based LFSR for low power applications	Microprocessors and Microsystems, Elsevier
4.	B.Ambika	Sound Transmission Using Light Fidelity (Li-Fi) Technology	CiiT International Journal of Digital Signal Processing
5.	A.Suresh Babu B.Anand	Design and Implementation of an Efficient Parallel LFSR Architecture for Wireless Communication Systems	Current Signal Transduction Therapy
6.	T.Anandselvakarhik	Dual Axix Controlled Robot for Writing	International Journal for Scientific Research & Development
7.	Dr.K.Kalaiselvi	IOT Based air defilement observing system	International Research Journal of Engineering and Technology
8.	P.F.Khaleeleur Rahiman	Schmitt Trigger Based 4T Sram Cell	International Journal for Scientific Research & Development
9.	T Anandselvakarhik M S Lavanya A Princy Febronia S Racigha	Deep Learning Based Channel Estimation for Massive MIMO	International Research Journal of Engineering and Technology
10.	R Sathyabama	A Unified Approach To Animal Intrusion Detection For Preventing Human-Wildlife Conflict And Crop Protection	Journal Of Critical Reviews

11.	Veerasamy B Muthu Icourt Maharaja Karuppaiah Lingatharan	Examination Forgery Avoidence System Using Image Processing And IoT	International Research Journal Of Engineering And Technology
12.	Veerasamy B Manoj Monish Rahulreevan P	Child Rescue System From Borewell	International Research Journal Of Engineering And Technology
13.	Adithya Nathan B Hariram PS Jayakumar S A Kishore Kumar	Hand Gesture recognition and voice conversion system using IOT	International Research journal of Engineering and technology
14.	Veerasamy B	A Novel Approach On wireless DAQ System Using IoT	International Journal Of Mechanical And Production Engineering Research And Development, Trans Stellar
15.	R.Vigneshkumar G.Venkatesh K.Sivasakthi A.Kishore Kumar	IoT Based Intelligent Gas Leak point Detecting and Locating System	International Research Journal of Modernization in Engineering Technology and Science
16.	M.Madhu Mohan, M.Prakash, M.Madhuseelan	Design of Secured Biometric Voting Machine	International Journal of Research in Engineering, Science and Management
17.	B.Paulchamy P.Vijayalakshmi Dr.K.Mahendran	Design and implementation of proficient model for doctors to Analyze the critical stage of patient using augmented Reality	Proteus Journal
18.	Poovitha S Pavithralakshmi PM Sabitha R	Optimization and Control of Hydroponics Indoor Farming System with Live Data Monitoring	International Research Journal of Engineering and Technology
19.	Vanitha R Jayashree J Amisha Verma Dhanya Varshini Abisha B	Ultrasonic Navigation enabled walking stick for the visually impaired	International Research Journal of Engineering and Technology
20.	N.Menakadevi	Smart Agriculture Using Machine Learning	International Journal For Science And Advance

	Joywin T Pranav M Mohan G		Research in Technology
21.	N.Menakadevi Mayukha G	Animatronic Hand System Controlled By Hand Gestures	International Research Journal of Engineering and Technology
22.	N.Menakadevi R Malathi G Minudharshini S Ponnarasi	Design of energy efficient massive MIMO system using hybrid precoding	International Research Journal of Engineering and Technology
23.	J.Satheesh Kumar Sharik Akthar.S Thowfeeq Ahamed.M.H	Real Time Smart Traffic Managing and Control System	International Journal of Engineering Applied Sciences and Technology
24.	J.Satheesh Kumar	Novel Hierarchical K-Means Clustering Based Lossless Data Compression Scheme	International Journal of Engineering Applied Sciences and Technology
25.	T Nivethitha R Sathish S Shanmuga Priyan S Vignesh	A Bio-Sensing System On Chip And Software For Smart Clothes	International Research Journal of Engineering and Technology (IRJET)
26.	T Nivethitha R Sathish S Shanmuga Priyan S Vignesh	Green Leaf Disease Detection by Using Artificial Neural Network	International Research Journal of Engineering and Technology (IRJET)
27.	Ramya J Somasundareswari D	Karhunen Loeve Transform with adaptive dictionary learning for coherent and random noise attenuation in seismic data	Sadhana-Indian Academy of Sciences
28.	P F Khaleelur Rahiman	Speech Enhancement Method Using Deep Learning Approach for Hearing Impaired Listeners	Health Informatics Journal, SAGE
29.	Udhaya Kumar.A Dina Cynthya.R Gayathri.S Jayshree.K	Reliability Enhancement Of Low Power Sequential Circuit Using Reconfigurable Pulsed Latch	International Research Journal of Engineering and Technology

30.	Dr.R. Sabitha	An efficient Reactive Join Nested Loop Machine Learning Inputs in Autonomous smart Grid Environment	European Journal of Molecular and Clinical Medicine
31.	Gopinath.V Arunkumar.V Bhavan.S, Aswin.M A.Kishorekumar	Arduino Based Smart Light Management System for Smart Cities	International Journal of Trend in Scientific Research and Development (IJTSRD)
32.	S.Kavipriya C.S.Dhanushiya C.Ashika Raj Kajol Xavier	A Blockchain Based Network Security System for Voting	International Journal of Data Mining and Knowledge Engineering
33.	Ambika B Kirandharshini D Keerthana D	Sound transmission using light fidelity (Li-Fi) Technology	CiiT International Journal of Digital Signal Processing
34.	Dillwyn S	Evaluation Of Antibacterial And Antioxidant Properties Of Different Varieties Of Grape Seeds	Scopus Indexed, International Journal of Scientific & Technology Research
35.	P.Vijayalakshmi	Multisensor data fusion technique for energy conservation in the wireless sensor network application condition-based environment monitoring	Journal of Ambient intelligence and Humanized computing, Springer
36.	B.Veerasingam S Annadurai	Video compression using hybrid hexagon search and teaching-learning-based optimization technique for 3D	Multimedia System, Springer
Academic Year 2019 - 2020			
1.	A.Udhayakumar S.Padma	Low Power Magnetic Non-volatile Flip-Flops with Self-Time Logical Writing for High-End Processors	Circuits, Systems and Signal Processing volume
2.	J Ramya D Somasundareswari P Vijayalakshmi	Gas chimney and hydrocarbon detection using combined BBO and artificial neural network with hybrid seismic attributes	Springer Journal - Soft Computing
3.	R.Kavinrajan, B.C.Pradeepbalaseka rS.Ramprasanth, K.R.Renesh, Dr.A.Kishore Kumar	Safe and Secure Wildlife Tourism Using Advanced Wi-Com Technology	International Journal of Engineering and Techniques
4.	P.K.Poonguzhali	Improved energy efficient WSN using ACO Based HSA for	Peer-to-Peer Networking and Applications-

	N.P.Ananthamoorthy	optimal cluster selection	Springer Publication
5.	P.Vijayalakshmi	Binomial Regressive Influence Behaviour Ranking for Virtual Community Formulation in Social Network	International Journal on Applied Mathematics and Information Sciences
6.	Menakadevi Nanjundan	Smart Sensor Network Based Atm Management System Using Labview	International Journal of Engineering and advanced Technology
7.	Menakadevi Nanjundan	Smart Sensor Network Based Fire Rescue System design Using Labview	International Journal of Recent Technology and Engineering
8.	P.K.Poonguzhali N.P.Ananthamoorthy	Design of Mutated Harmony Search Algorithm For Data Dissemination In Wireless Sensor Network	Wireless Personal Communication, analysis
9.	P.Geetha	Multiple share creation based visual cryptographic scheme using diffusion method with a combination of chaotic maps for multimedia applications	Multimedia Tools and Applications, Elsevier
10.	M.Sathyaprabha U.Suganthi Theepsika D.Jothi V.Veerapreethi, A.Kishore Kumar	MSPiG AGRI BOT (Moisture Seeding Planting Irrigation Gaming Agricultural Robot)	EPRA International Journal of Multidisciplinary Research (IJMR)
11.	P.Vijayalakshmi R.Gnanakumari	Binomial Regressive Influence Behavior Ranking for Virtual CommunityFormation in Social Networks	International Journal of Applied Mathematics and Information Science
Academic Year 2018 - 2019			
1.	P.F.Khaleelur Rahiman	Deep convolutional neural network-based speech enhancement to improve speech intelligibility and quality for hearing-impaired listeners	Medical & Biological Engineering & Computing, Springer
2.	P.Geetha	Optimal visual cryptographic scheme with multiple share creation for multimedia applications	Computers and Security, Elsevier
3.	S Ramya P Vijayalakshimi	A low cost X-Band UWS Antenna for medical Application: Optimal design and analysis	International Conference and Signal processing, IEEE Advancing Technology for Humamltly
4.	Baskar D	An efficient classification approach for detection of	Multimedia Tools and Applications, Springer

		Alzheimer's disease from biomedical imaging modalities	
5.	Baskar Duraisamy	Alzheimer disease detection from structural MR images using FCM based weighted probabilistic neural network	Brain Imaging and Behavior - Springer
6.	Menakadevi Nanjundan	USRP 2901 Based MIMO-OFDM Transceiver in Virtual and Remote Laboratory	International Journal of Computer Sciences and Engineering
7.	N.Menakadevi	USRP 2901 Based FM Transceiver with Large File Capabilities in Virtual and Remote Laboratory	International Journal of Online and Biomedical Engineering (iJOE)
8.	N.Menakadevi	USRP 2901 Based FM Transceiver with Large File Capabilities in Virtual and Remote Laboratory	International Journal of Online and Biomedical Engineering (iJOE)
9.	V.Kanimozhi K.Samuvel	Determinants of Online Purchase Intention and Behaviour: Role of Perceived Risk and Perceived Benefits	International Journal of Scientific Research and Reviews
10.	Geetha M Kalaipriya R Aruna M Monisha S P.F.Khaleelur Rahiman	Power Management using Wireless Power Transfer and IoT	Global Research and Development Journal for Engineering
11.	J.Satheesh kumar S.Sathya G.Sharmiladevi B.Vanmathi	Stimulated Ultrasonic Sensor For Night Time Security System	International Journal of Pure and Applied Mathematics
12.	J.Satheesh Kumar C.Vetriselvi C.Vidhya Sree S.Srija M.Sobika	Application Of Wireless Sensor Network In Healthcare Monitoring	International Journal of Pure and Applied Mathematics
13.	J.Satheesh Kumar Anthony Babu A	A Low Complexity Code Compression Based On Hybrid Rlc-Bm Codes	International Journal of Pure and Applied Mathematics
14.	Menakadevi Nanjundan	Smart Sensor Network Based High quality air pollution monitoring system Using Labview	International Journal of Engineering and advanced Technology