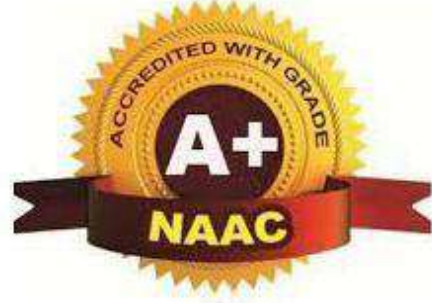


SARANATHAN COLLEGE OF ENGINEERING

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3.3.2 Number of research papers per teachers in the Journals notified on UGC website during the year 2022-2023 (10)

3.3.2 Number of research papers per teachers in the Journals notified on UGC website during the year 2022 - 2023

DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND DATA SCIENCE

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number	Link to the recognition in UGC enlistment of the Journal
Robust Security with Strong Authenticationin Mobile Cloud Computing based on Trefoil Congruity Framework	Dr S Ravimaran	AI & DS	Journal of organizational and End user computing	2022	SCI Indexed, Jan 2022, Volume 33, Issue 6, Impact Score 4.7	https://www.igi-global.com/pdf.aspx?tid=278403&ptid=256885&ctid=4&oa=true&isxn=9781799867494
Secure and Transparent Voting with Blockchain Technology	P.Dineshkumar	AI & DS	International Journal of Creative Research Thoughts	2023	2320 - 2882	https://ijcrt.org/papers/IJCRT2303038.pdf
Robust Transfer Learning Based Modelling for Accelerating the Learning of AI in the feild of NLP	Dr S Ravimaran	AI & DS	IEEE	2023	Not Yet Assigned	https://ieeexplore.ieee.org/document/10112829

DEPARTMENT OF CIVIL ENGINEERING

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number	Link to the recognition in UGC enlistment of the Journal
Comparative study on Performance of Hydraulic Jump using various types of Weir for enhancing Turbidity Removal	A.Anandraj , S.Roopalakshmi , N.Sudarmaari , M.Swathi	Civil Engineering	AIP Publishing	2023	NA	https://doi.org/10.1063/5.0153901
Experimental Investigation of Floor Tiles using Agricultural Wastes as Partial Replacement for Cement	Kannan S Charulatha S Priyadharshini P Soumiya S S	Civil Engineering	Journal Of University of Shanghai for Science and Technology	2022	1007 - 6735	https://jusst.org/wp-content/uploads/2022/07/EXPERIMENTAL-INVESTIGATION-OF-FLOOR-TILES-USING-AGRICULTURAL-WASTES-AS-PARTIAL-REPLACEMENT.pdf
Casting and Evaluating the Interlocking Bricks using Organic Waste Material	C.Kesavaraja S.Jayashree K.Atchaya V.Kausica V.Abisheik	Civil Engineering	International Research Journal of Engineering and Technology (IRJET)	2023	2395 - 0056	https://www.irjet.net/archives/V10/i5/IRJET-V10I562.pdf

DEPARTMENT OF COMPUTER SCIENCE AND BUSINESS SYSTEM ENGINEERING

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number	Link to the recognition in UGC enlistment of the Journal
OCHSA: Designing Energy-Efficient Lifetime-Aware Leisure Degree Adaptive Routing Protocol with Optimal Cluster Head Selection for 5G Communication	S.Venkatasubramanian	CSBS	Scientific Programming - hindawi	2022	1058-9244	https://www.hindawi.com/journals/sp/2022/5424356/

Prediction of Alzheimer's Disease Using DHO-Based Pretrained CNN Model	S.Venkatasubramanian	CSBS	Mathematical Problems in Engineering	2023	1024-123X	https://www.hindawi.com/journals/mpe/2023/1110500/
Cluster Head Selection using Spotted Hyena Optimizer for Energy-Efficient Routing in MANET	S.Venkatasubramanian	CSBS	IAENG International Journal of Computer Science	2023	1819-656X	https://www.iaeng.org/IJCS/issues_v50/issue_3/IJCS_50_3_35.pdf
AN ADVANCED TICKET MANAGER - FUZZY LOGIC BASED AODV ROUTING PROTOCOL (TM-FLAODV) IN MANET	S.Venkatasubramanian	CSBS	Skybold report	2022	1533-9211	https://seyboldreport.net/pdf/2023/03/233.pdf
NESTED GENETIC ALGORITHM AND FUZZY SECURED NODE SELECTION ROUTING PROTOCOL FOR MANET	S.Venkatasubramanian	CSBS	International Journal of Emerging Technologies	2022	18688799	https://www.jetir.org/papers/JETIR2206194.pdf
Fault Diagnosis Using Data Fusion with Ensemble Deep Learning Technique in IIoT	S.Venkatasubramanian	CSBS	Mathematical Problems in Engineering	2022	1024-123X	https://downloads.hindawi.com/journals/mpe/2022/1682874.pdf
Energy-efficient and balanced load routing approach using Bald Eagle Search Algorithm for path convergence in MANET	S.Venkatasubramanian	CSBS	Xi'an Jianzhu Keji Daxue Xuebao/Journal of Xi'an University of Architecture & Technology	2022	1006- 793	https://app.box.com/s/vozwqish37hvuonexdu8fa1soq5q47v
RIDDER OPTIMIZED CLUSTER HEAD SELECTION IN MANETS IS FUZZY AND ADAPTED GEAR BASED ON THE STEERING PANEL	S.Venkatasubramanian	CSBS	NeuroQuantology	2022	13035150	https://www.proquest.com/openview/46de53d531289e60bdbf4aa02fbdb7b3/1?pq-origsite=gscholar&cbl=2035897
MAXIMIZATION OF NETWORK LIFETIME USING ENERGY EFFICIENT SUPER CLUSTERING PROTOCOL BASED ON LDHA-TSRO IN MANET	S.Venkatasubramanian	CSBS	Shu Ju Cai Ji Yu Chu Li/Journal of Data Acquisition and Processing	2023	10049037	https://sjcjycl.cn/article/view-2023/pdf/03_523.pdf
Improved Jellyfish Search Algorithm based Multipath Routing with Atom Search Algorithm for Best CH Selection	S.Venkatasubramanian	CSBS	Mathematical Statistician and Engineering Applications	2022	2094-0343	https://www.philstat.org/index.php/MSEA/article/view/1357
Detection of Black and Grey Hole Attacks Using Hybrid Cat with PSO-Based Deep Learning Algorithm in MANET	S.Venkatasubramanian	CSBS	International Journal of Computer Networks and Applications	2022	2395-0455	https://www.ijcna.org/Manuscripts/IJCNA-2022-O-58.pdf
Modified Adhoc On-Demand Distance Vector for Trust Evaluation And Attack Detection	S.Venkatasubramanian	CSBS	Intelligent Automation & Soft Computing	2023	10798587	https://www.techscience.com/iasc/v36n2/51099/html

An Energy Efficient Clustering Algorithm in Mobile Adhoc Network Using Ticket Id Based Clustering Manager	S.Venkatasubramanian	CSBS	IJCSNS International Journal of Computer Science and Network Security	2021	1738-7906	https://koreascience.kr/article/JAKO202123563874609.pdf
An Efficient Route Optimization Using Ticket-ID Based Routing Management System (T-ID BRM)	S.Venkatasubramanian	CSBS	Wireless Personal Communications	2021	10220038	https://dl.acm.org/doi/abs/10.1007/s11277-021-08731-6
Effective Prevention Mechanism for IP flooding using Wireshark based on Network Traffic Analysis	R. MOHANKUMAR	CSBS	International Journal of Applied Engineering Research	2018	9734562	https://www.ripublication.com/ijaer18/ijaerv13n7_98.pdf
Precise Prediction of Cardiovascular Diseases Using Machine Learning	A.Mohanadevi	CSBS	IEEE Explore	2023		https://ieeexplore.ieee.org/document/10151627

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number	Link to the recognition in UGC enlistment of the Journal
A deep learning model framework for diabetic retinopathy detection	Dr. V Punitha	CSE	International Journal of Networking and Virtual Organisations	2022	1741-5225	https://www.inderscience.com/jhome.php?jcode=ijnvo
Blockchain based Medical Health Record Sharing Application	Dr. V Punitha	CSE	Journal of Emerging Technologies and Innovative Research	2022	2349-5162	https://www.jetir.org/index.html
Joint Image Compression And Encryption Schemes	Dr. V Punitha	CSE	Journal of Emerging Technologies and Innovative Research	2022	2349-5162	https://www.jetir.org/index.html
Fast and Effective Intrusion Detection Using Multi-Layered Deep Learning Networks	Dr.P D Sheba Kezia Malarchelvi	CSE	International Journal of Web Services Research (SCIE)	2022	1545-7362	https://www.igi-global.com/article/fast-and-effective-intrusion-detection-using-multi-layered-deep-learning-networks/310057
Classification of Retinal Blood Vessel Segmentation using Support Vector Machine and Differential Evolution	Dr.P D Sheba Kezia Malarchelvi	CSE	Oxidation Communications (Scopus)	2022	0209-4541	https://scibulcom.net/en/article/2qdLw8TkGjBJelq7zc5
Preserving sensitive data with deep learning assisted sanitisation proces	Dr. S Mohana Ms. E Shapna Rani	CSE	Journal of Experimental & Theoretical Intelligence	2023	1362-3079	https://doi.org/10.1080/0952813X.2022.2149861
Hybrid Grasshopper And Improved Cat Swarm Optimization Algorithm-Based Clustering for Guaranteeing Energy Stability and	Dr. S Mohana	CSE	International Journal of Communication System	2023	1074-5351	https://doi.org/10.1002/dac.5444

Hybrid Grasshopper And Improved Cat Swarm Optimization Algorithm-Based Clustering for Guaranteeing Energy Stability and Network	Dr. P L Rajarajeswari	CSE	International Journal of Communication System	2023	1074-5351	https://doi.org/10.1002/dac.5444
Ensemble classifier based big data classification with hybrid optimal feature selection	Dr. R Senthamil Selvi	CSE	Advances in Engineering Software	2022	0965-9978	https://www.sciencedirect.com/science/article/abs/pii/S0965997822000928
Vision Based Yoga Posture Detection and Classification Using Deep Learning	Dr. R Senthamil Selvi	CSE	The International journal of analytical and experimental modal analysis	2022	0886-9367	https://ijaema.com/
Crowd funding Platform Using Block chain Technology	Dr. R Senthamil Selvi	CSE	International Journal of Innovative Research in Technology	2022	2349-6002	https://ijirt.org/Article?manuscript=155716
Secure and Transparent Voting with Blockchain Technology	Dr. R Senthamil Selvi	CSE	International Journal of Creative Research Thoughts	2023	2320-2882	https://ijert.org/papers/IJCRT2303038.pdf
Fault Diagnosis Using Data Fusion with Ensemble Deep Learning	Ms. J Sathiaparkavi	CSE	Hindawi Mathematical Problems in Engineering	2022	1563-5147	https://doi.org/10.1155/2022/1682874
Building Human Action Recognition using CNN	Mr. A.T Barani Vijaya Kumar	CSE	International Journal of Innovative Research in Computer and Communication Engineering	2022	2320-9801	DOI: 10.15680/IJIRCCE.2022.1006095
Decentralized Deep Learning Paradigm For Opinion Mining On Internet Of Things Applications	Dr. P. D. Sheba Kezia Malarchelvi	CSE	Machine Intelligence Research	2023	2153-1838	https://machineintelligenceresearch.com/article/view/Abstract-9445.php
An Incremental Tensor-Train Decomposition For Sentiment Analysis On Big Data	Dr. P. D. Sheba Kezia Malarchelvi	CSE	Machine Intelligence Research	2023	2153-1838	https://machineintelligenceresearch.com/pdf/9428.pdf
A Opinion Mining And Sentiment Analysis Based On Online Customer Review	Dr. P. D. Sheba Kezia Malarchelvi	CSE	Machine Intelligence Research	2023	2153-1838	https://machineintelligenceresearch.com/article/view/Abstract-9437.php
Lung Cancer Detection Using Deep Convolution Neural Network	Mr. P.B. Arun Prasad	CSE	International Journal of Innovative Research in Computer and Communication Engineering	2022	2320-9801	10.15680/IJIRCCE.2022.1006199
Performance Analysis of Network Anomaly Detection using Bi-LSTM	Mr. P.B. Arun Prasad	CSE	International Journal of Innovative Research in Computer and Communication Engineering	2022	2320-9801	DOI: 10.15680/IJIRCCE.2022.1006169

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number	Link to the recognition in UGC enlistment of the Journal
Automatic Detection and Classification of Insects Using Hybrid FF-GWO-CNN Algorithm	B. Divya and M. Santhi	ECE	A Intelligent Automation and Soft Computing, Tech Science Press	Jan-23	1079-8588	https://www.techscience.com/iase/v36n2/51117
Improved Jellyfish search ALGORITHMbased multipath routing with Atom search Algorithm for best CH selection	S.Venkatasubramanian Dr. A. Suhasini Dr.C.Vennila	ECE	Mathematical Statiscian and Engineering Application	Dec-22	2094-03432326-9865	https://www.philstat.org/index.php/MSEA/article/view/1357/876
Optical Burst Switch Network with Bridged Multiple Subnetworks for Deflection Reduction and Energy saving	V. Ramkumar, C. Vennila	ECE	Neuroquantology	June 2022	1303 5150	DOI: 10.14704/nq.2022.20.6.NQ22459
Cluster Head Selection and optimal Multipath detection using coral Reef Optimization in MANET Environment	S.Venkatasubramanian Dr. A. Suhasini Dr.C.Vennila	ECE	I.J.Computer Network and Information Security	June 2022	2074-9090	https://doi.org/10.5815/ijcnis.2022.03.07
Utilisation of the DLBM Approach for effective routing optimisation in an Burst Switching Network on Ecological Environment	V. Ramkumar, C. Vennila	ECE	Journal of Environmental Protection and Ecology	July 2022	1311-5065	https://scibulcom.net/en/article/U8roit5woZHcSOPwB8rB
Chaos and DNA Blended Hybrid Encryption Algorithm for Secure Image Transmission over DCT Pre-coded OFDM	Dhivya Ravichandran, M. Padmaa, N. Rajagopal, V. Thanikaiselvan & Rengarajan Amirtharajan	ECE	Wireless personal communications	Dec2022	0929-6212	https://doi.org/10.1007/s11277-022-10152-y
Pullikolam assisted medical image watermarking on reconfigurable Hardware	R. Sivaraman, M. Padmaa, A. Sridevi, Vinoth Raj, V. Manikandan, Janakiraman Siva, Tarunraj Bhogi &	ECE	Multimedia tools and applications	Feb2023	1380-7501	https://doi.org/10.1007/s11042-023-14725-2
High Gain and Bandwidth Array Antenna for Satellite Application	Mohd. Wasim, Shelej Khera and K Malaisamy	ECE	Journal of Physics: Conference Series	2022	1742-6588	doi:10.1088/1742-6596/2327/1/012058
Design of Crossed Dipole Yagi–Uda MIMO Antenna for Radar Applications	K. Malaisamy ,G. Haridoss ,J. Arun Pandian ,and Samira Kabir Rima	ECE	International Journal of Antennas and Propagation	Dec 2022	Article ID 8157541	https://doi.org/10.1155/2022/8157541
Swarm intelligence based routing with black hole attack detection in manet	S. A. Arunmozhi, S. Rajeswari and Y. Venkataramani	ECE	Computer Systems Science and Engineering	Aug 2022	0267-6192	DOI:10.32604/csse.2023.024340
Swarm intelligence based routing with black hole attack detection in manet	S. A. Arunmozhi, S. Rajeswari and Y. Venkataramani	ECE	Computer Systems Science and Engineering	Aug 2022	0267-6192	DOI:10.32604/csse.2023.024340

Integrating Ultra-Wideband Antenna Array with Tunable Bandpass Filter for 5G Communications	S. A. Arunmozhi, Ilakkia.E	ECE	Mukt Shad Journal	Aug 2022	2347-3150	doi:09.0014.ms.j.2020.v9i3.0086781.363
Analysis of Ionospheric TEC Variations Due to X, M & C Class Solar Flares during the Years 2003 to 2018 and Comparison with IRI Models	S. Kiruthiga, S. Mythili, M. Vijay & R. Mukesh	ECE	Geomagnetism and Aeronomy	Jan-23	0016-7932	https://doi.org/10.1134/S0016793222080138
Automatic Detection and Classification of Insects Using Hybrid FF-GWO-CNN Algorithm	B. Divya and M. Santhi	ECE	A Intelligent Automation and Soft Computing, Tech Science Press,	Jan-23	1079-8587	https://doi.org/10.32604/iasc.2023.031573
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING						
Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number	Link to the recognition in UGC enlistment of the Journal
Modified Power Decoupling and Power Processing for Single Phase Led Drive	R.Vijay,Ram Prakash P,B.Paranthagan	EEE	PERIODICO di MINERALOGIA	2022	0369-8963	https://periodicodimineralogia.it/
Hybrid energy management on electric vehicles for power grids with renewables system	M.V.Suganyadevi	EEE	Environmental Challenges	2022	2667-0100	https://www.sciencedirect.com/science/article/pii/S2667010022002037
Analysis of Multi-Input Multilevel Boost Inverter Circuit with Optimal Firing Angles Using dSPACE	Ram Prakash P, VIJAY R	EEE	Journal of Electrical Engineering & Technology	2023	1975-0102	https://link.springer.com/article/10.1007/s42835-022-01186-0
A Novel Composite Intrusion Detection System (CIDS) for Wireless Sensor Network	VIJAY R,Ram Prakash P	EEE	IEEE XPLORER	2023	978-1-6654-7452-8	https://ieeexplore.ieee.org/abstract/document/10250567
Artificial Butterfly Optimization based Cluster Head Selection with Energy Efficient Data Aggregation model for Heterogeneous WSN Environment	VIJAY R	EEE	IEEE XPLORER	2023	978-1-6654-6409-3	https://ieeexplore.ieee.org/abstract/document/10083550
Autonomous Delivery Vehicle Using Raspberry Pi and Computer Vision	VIJAY R,Ram Prakash P	EEE	SPRINGER NATURE	2023	978-981-99-4625-9	https://link.springer.com/chapter/10.1007/978-981-99-4626-6_40
An effective method for charging electric vehicles through wireless power transfer system	Ram Prakash P, VIJAY R	EEE	IET IEEE	2022	978-1-83953-704-2	https://ieeexplore.ieee.org/abstract/document/9800665
Enhanced Hydrophobic and Electrical Properties of Silicone Rubber Samples With ZrO ₂ Nanocomposites	C.Krishnakumar	EEE	IEEE Transactions on Dielectrics and Electrical Insulation	2023	10709878	https://ieeexplore.ieee.org/document/10113335

Web Server Based Soft Starter for DC Shunt Motor	P. Ramesh Babu, C. Krishnakumar, S.Ramprasath	EEE	IEEE explore	2023	979-8-3503-3325-1	https://ieeexplore.ieee.org/abstract/document/10245416
A Simplified Beginner's Guidelines for Design and Fabrication of Prototype Electrical Vehicle	P. Ramesh Babu	EEE	Springer	2022	978-981-16-4943-1	https://doi.org/10.1007/978-981-16-4943-1_25
Performance Analysis of Slope-Compensated Current Controlled Universal PV Battery Charger for Electric Vehicle Applications	S. Ramprasath, C. Krishnakumar	EEE	Springer	2022	978-981-16-4943-2	https://doi.org/10.1007/978-981-16-4943-1_38
Modeling and Analysis of Hybrid Quadratic Boost Converter in MATLAB/Simulink Environment	Ramprasath Selvaraj; Krishnakumar Chittibabu; Rameshbabu Perumal	EEE	IEEE Xplore	2022	978-1-6654-3647-2	10.1109/ICEEICT53079.2022.9768404
DEPARTMENT OF INSTRUMENTATION AND CONTROL ENGINEERING						
Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number	Link to the recognition in UGC enlistment of the Journal
Modeling of dissolved oxygen parameter and optimization using RSM and ANN for paint industry effluent in semi batch fermenter	P. Aravind, J.Sumathi	ICE	Desalination and Water Treatment	Aug-22	1944-3994/1944-3986	https://www.deswater.com/DWT_abstracts/vol_266/266_2022_186.pdf
A Hybrid State Feedback Controller Design for Two Different Dynamic Systems	P Aravind, V Veeramani, S M Girirajkumar	ICE	International Journal of Operational Research,	June-2022	ISSN(P):17457645, ISSN(O):17457653	https://drive.google.com/file/d/1eXRZptu6nE1NVCj5BHYYdj667PmkL5mc/view
Secured Data Transmission Scheme using Discrete Wavelet Transform Decomposition for Still Images	Hariprasath. S, Giri Rajkumar. S.M, Ratnagirish. R. K, Shyam Prakash. G. P, Surya. M	ICE	International Journal of Multidisciplinary Research Transactions	2023	2663-4007	https://drive.google.com/file/d/1J8eQXopWY7q10uDnRBBfzn8dQB4icFU_/view?usp=drive_sdk
Implementation of Machine learning methods in plant pathology detection	Giri Rajkumar. S.M, Hariprasath. S, Shanjith Kumar I , G.Ragavantiran, S.Syed Athaullah, S.K Syed Eizal	ICE	International Journal of Multidisciplinary Research Transactions	2023	2663-4007	http://ijmrt.in/papers/Shanjith%20Kumar%20et%20al%20DoI.pdf
Design Analyze and Implementation of Hand written Digit Recognition System Using HOG Feature	Giri Rajkumar. S.M , Hariprasath. S , Sivabalan. D , Sakthiganesh. K , Varun. K., Thangasabari.	ICE	International Journal of Multidisciplinary Research Transactions	2023	2663-4007	http://ijmrt.in/papers/Girirajkumar%20etal%20DoI.pdf
Object Detection using SIFT features	Hariprasath. S , Giri Rajkumar. S.M , Mohamed Yahya. A, Hari Krishna. M, Krishna	ICE	International Journal of Multidisciplinary Research Transactions	2023	2663-4007	http://www.ijmrt.in/papers/Yahaya%20et%20al%20DoI%201.pdf

Object Detection using SURF features	Hariprasath. S , Giri Rajkumar. S.M , Mohamed Yahya. A, Hari Krishna. M, Krishna	ICE	International Journal of Multidisciplinary Research Transactions	2023	2663-4007	http://www.ijmrt.in/papers/Yahaya%20et%20al%20DoI%202.pdf
Detection of Varicose Veins by Non-Invasive Method using Lab VIEW	Gopikrishnan. A, Hemanth. K. K, Kannappan. S, Mohan Raj. B, Prabakaran. M	ICE	International Journal of Multidisciplinary Research Transactions	2023	2663-4007	http://ijmrt.in/papers/Kannappan%20%20et%20al%20DoI.pdf
Heat Transfer Analysis Using Solar Panel	Gopikrishnan. A, Nithish. S, Subash. N. S, MuthuKumaran. K, Mohamed Fahim K	ICE	International Journal of Multidisciplinary Research Transactions	2023	2663-4007	http://ijmrt.in/papers/Gopi%20krishnan%20et%20al%20DoI.pdf
Varicose Veins Detection Using Fuzzy Logic	Hemanth K K, Kannappan S, Mohanraj B, Prabakaran M, Gopikrishnan A	ICE	International Journal of Research Publication and Reviews	2023	2582-7421	https://drive.google.com/file/d/1St_KUV87Y1fg1mgrStdBW8rbSYCVmHrj/view?usp=drive_link
Heat Transfer Analysis Using Solar Panel with Forced and Natural Convection Methods	Nithish S, Subash N S, Muthu Kumaran K, Mohamed Fahim, Gopikrishnan A	ICE	International Journal of Research Publication and Reviews	2023	2582-7422	https://ijrpr.com/uploads/V4ISSUE5/IJRPR12828.pdf
Pressure Monitoring using dSPACE	M. Shanmugavalli, K.Hariharan , G.P.Jayakanthan , Dhinesh.R , Bharath	ICE	International Journal of Innovative Research in Electrical, Electronics, Instrumentation and Control Engineering	2023	2321-2004	https://drive.google.com/file/d/1f44_sYdpaAUO0wCYD52r4VH4Cx7tj5Lu/view?usp=share_link
Vibration Control of a Smart Cantilever Beam using dSPACE	M. Shanmugavalli, K. Hariharan, G.P. Jayakanthan, R.Dhinesh, D.Bharath Samvel	ICE	International Journal of Multidisciplinary Research, Transactions	2023	2663-4007	http://www.ijmrt.in/papers/Bharath%20Samvel%20et%20al%20DoI.pdf
Air Pollution Monitoring System using LabVIEW	M. Shanmugavalli, Regena Arshni. S, Sharlene. A, Swathi. A,	ICE	International Journal of Multidisciplinary Research, Transactions	2023	2663-4007	http://ijmrt.in/papers/Regena%20Arshni%20et%20al%20DoI.pdf
Air Pollution Monitoring System and decision making system using MyRIO	Shanmugavalli. M, Regena Arshni. S, Sharlene. A, Swathi. A	ICE	International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering	2023	2278-8875	http://www.ijareeie.com/upload/2023/may/11_Air_NC.pdf
Design and Simulation of Piezoresistive Pressure Sensor using Intellisuite	M. Shanmugavalli, Vignesh. G, Harish. R, Nicolas Nesan. G, ParithiKumar. J	ICE	International Journal of Multidisciplinary Research Transactions	2023	2663-4007	http://ijmrt.in/papers/Vignesh%20et%20al%20doi.pdf
Design and Simulation of MEMS-Based Pressure Sensor	M. Shanmugavalli, Vignesh. G, Harish. R, Nicolas Nesan. G, Parithi Kumar. J	ICE	International Journal of Research Publication and Reviews	2023	2582-7422	https://ijrpr.com/uploads/V4ISSUE5/IJRPR12834.pdf

Design and Simulation of Capacitive pressure Sensor using Intellisuite	M. Shanmugavalli, Vignesh. G, Harish. R, Nicolas Nesan. G, Parithi Kumar. J	ICE	International Journal of Innovative Research in Electrical, Electronics, Instrumentation and Control Engineering	2023	2321-2004	https://ijireece.com/wp-content/uploads/2023/05/IJIREECE.2023.11502.pdf
Autonomous Electric Vehicle Charging Station Based on LabVIEW	Gaayathry. K , Darwin. I ,Thaneshwaran. S , Raghuram. M , Sundharadevan. S	ICE	International Journal of Multidisciplinary Research Transactions (IJMRT)	2023	2663-4007	http://www.ijmrt.in/papers/Thaneshwaran%20%20et%20al%20DoI.pdf
Integrating IOT in Autonomous EV Charging Stations	Dr K Gaayathry , Darwin I , Raghuram M , Sundharadevan S , Thaneshwaran S	ICE	International Journal of Research Publication and Reviews	2023	2582-7422	https://ijrpr.com/uploads/V4ISSUE5/IJRPR12827.pdf
Design and Simulation for Sensors used in Smart Agriculture	Seetharaman. R, Abarna. R, Bairavi. S, Dharshini. G, Jayalakshmi.R	ICE	International Journal of Multidisciplinary Research Transactions	2023	2663-4007	https://drive.google.com/file/d/1Mn9r-dGILLt-xZGN2RD3TE0SinSJVnpF/view?usp=drive_link
Multifunction Agriculture Device using IOT	Seetharaman. R, Abarna. R, Bairavi. S, Dharshini. G, Jayalakshmi.R	ICE	International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering	2023	2278-8875	https://drive.google.com/file/d/1YQA-Qg0i99T-XIMsW78A2i3NsM1ZLs2c/view?usp=drive_link
Smart Weather Station for Rural Farmers	Seetharaman. R, Abarna. R, Bairavi. S, Dharshini. G, Jayalakshmi.R	ICE	International Journal of Current Engineering and Technology	2023	2277 – 4106	https://drive.google.com/file/d/1FeR4fXGymbTm_SIIVsX60ZDHd49YxYBJ/view?usp=drive_link
Boiler Parameters Monitoring using LabVIEW	Seetharaman R, Arunkumar R, Deepak B, Vigneshwararajan K	ICE	International Journal of Multidisciplinary Research Transactions	2023	2663-4007	https://drive.google.com/file/d/1oqEkerFdCrPWNi8X6QZBK7GBeOG-3-JY/view?usp=sharing

DEPARTMENT OF INFORMATION TECHNOLOGY

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number	Link to the recognition in UGC enlistment of the Journal
Prediction of Diabetic Retinopathy using Deep Learning	Sangeetha Priya.J	Information Technology	Engineering Technology	May 2023	2581-9429	https://juniperpublishers.com/etoaj/archive.php
Infobot - Web Based Chatbot	Sangeetha Priya.J	Information Technology	International Journal of Advanced Research in Science, Communication and Technology (IJARSCT)	May 2023	2581-9429	https://ijarsct.co.in/Paper10262.pdf
Detection of Ambulance Using Computer Vision	A.Sheelavathi	Information Technology	International Journal of Research in Applied Science and Engineering Technology (IJRASET)	June 2022	2321-9653	https://doi.org/10.22214/ijraset.2022.44104

Movie Recommendation System	A.Sheelavathi	Information Technology	International Journal of Research in Applied Science and Engineering Technology (IJRASET)	June 2022	2321-9653	https://www.ijraset.com/best-journal/movie-recommendation-system#:~:text=OTT%20Recommendation-Movie%20recommendation%20system%20p
Detecting Fake News	A.Sheelavathi	Information Technology	International Journal of Advanced Research in Science, Communication and Technology (IJARST)	May 2023	2581-9429	https://ijarst.co.in/Paper10087.pdf
Budget Tracker	G.Sathiya	Information Technology	International Journal of Advanced Research in Science, Communication and Technology (IJARST)	May 2023	2581-9429	https://ijarst.co.in/Paper10289.pdf
Deep learning enabled cross-lingual search with metaheuristic web based query optimization model for multi-document summarization	Rengaraj alias Muralidharan	Information Technology	Wiley Online Library	November 2022	1613-6829	https://onlinelibrary.wiley.com/doi/10.1002/cpe.7476
Gorilla Troops Optimizer Based Fault Tolerant Aware Scheduling Scheme for Cloud Environment	Rengaraj alias Muralidharan	Information Technology	Intelligent Automation & Soft Computing	2023	1079-8587	https://file.techscience.com/ueditor/files/iasc/TSP_IASC-35-2/TSP_IASC_29495/TSP_IASC_29495.pdf
Fake Review Detection on Using Machine Learning on Online Product Selling Platform	N.Bhavani	Information Technology	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	2022	2321-9653	https://www.ijraset.com/research-paper/fake-review-detection-on-using-ml-on-online-product
Fake News Detection Using Machine Learning	N.Bhavani	Information Technology	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	2022	2321-9653	https://www.ijraset.com/research-paper/paper-on-fake-news-detection-using-machine-learning
Supervised learning software model for the diagnosis of diabetic retinopathy	M. PadmaPriya	Information Technology	International Journal of Computational vision and Robotics	2022	1752-9131	https://www.inderscienceonline.com/doi/abs/10.1504/IJCVR.2023.127264
Product Anti-Counterfeiting UsingBlockchain	M. PadmaPriya	Information Technology	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	2022	2321-9653;	https://www.ijraset.com/research-paper/product-anti-counterfeiting-using-blockchain
Detection of Ambulance Using Computer Vision	A.Sheelavathi	Information Technology	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	2022	2321-9653	https://doi.org/10.22214/ijraset.2022.44104 https://www.ijraset.com/ijraset-volume/volume10-issuevi-june2022

Human activity recognition in real time using deep learning	J.Sangeethapriya	Information Technology	International Journal of Advanced Research in Computer and Communication Engineering (IJARCCE)	2022	2278-1021, 2319-5940	https://ijarcce.com/wp-content/uploads/2022/06/IJARCCE.2022.115205.pdf DOI: 10.17148/IJARCCE.2022.115205
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DEPARTMENT OF MECHANICAL ENGINEERING

Title of the Paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number	Link to the recognition in UGC enlistment of the Journal
An user friendly Scheme of Numerical Representation for Music Chords	G. Mahesh, N. Baskar & M. Ganesan	Mechanical Engineering	International Research Journal on Advanced Science Hub (IRJASH)	2022	2582-4376	http://dx.doi.org/10.47392/irjash.2022.057
Multi-Objective Optimization in Friction Welding Process Parameters on EN353 Alloy Steel using Taguchi based GRA	S. Karthikeyan, N. Baskar & M. Ganesan	Mechanical Engineering	Technical Gazette	2022	1848-6339	https://doi.org/10.17559/TV-20210907113625
Synthesis of Cellulose from Amaranthus viridis root wasteand development of pineapple fiber-vinyl ester composites: a step towards greener production and characterization	M.R.Anantha Padmanaban	Mechanical Engineering	Polymer Composites	2023	1548-0569	http://dx.doi.org/10.1007/s13399-023-04754-0
Multi criteria decision making through TOPSIS and COPRAS on drilling parameters of magnesium AZ91	G. Jayaprakash, N. Baskar	Mechanical Engineering	Journal of Magnesium and Alloys	2022	2213-9567	https://www.sciencedirect.com/journal/journal-of-magnesium-and-alloys/vol/10/issue/10
A Retrospective Analysis on Drilling Operation and its Parameters: A Critical Review	G. Jayaprakash, N. Baskar	Mechanical Engineering	Surface Review and Letters	2023	1793-6667	https://doi.org/10.1142/S0218625X23300101
Parameter Impacts of Martensitic Structure on Tensile Strength and Hardness of TIG Welded SS410 with characterized SEM Consequences	G. Mahesh, D. Valavan & N. Baskar	Mechanical Engineering	Technical Gazette	2023	1848-6339	https://hrcak.srce.hr/en/file/433788
Optimization of Aluminum Sand Casting process parameters on RSM and ANN methods	G. Mahesh, D. Valavan & N. Baskar	Mechanical Engineering	Journal of Engg. Research	2023	2307-1877	https://kuwaitjournals.org/jer/index.php/JER/article/view/1294

Comparative Investigations and CFD Analysis of Flue Gas Flow through Novel Kitchen Chimney Design	G. Mahesh, D. Valavan & N. Baskar	Mechanical Engineering	Research Square	2022	2693-5015	https://doi.org/10.21203/rs.3.rs-2179779/v1
Short Review on Performance Enhancement of Shell and Tube Heat exchanger	Vigneshwar P	Mechanical	International Journal of Advance Research and Innovative Ideas in Education	2022	2395-4396	https://ijariie.com/AdminUploadPdf/SHORT_REVIEW_ON_PERFORMANCE_ENHANCEMENT_OF_SHELL_AND_TUBE_HEAT_EXCHANGER_ijariie16553.pdf
Optimization of cylindrical grinding process parameters on austenitic stainless steel 304 using Taguchi based Grey Relational Analysis	R Rekha	Mechanical	Materials Today: Proceedings 72, 2569-2573.	2022	2214-7853	https://www.sciencedirect.com/science/article/pii/S2214785322066196
Multi-Objective Optimization of Metal Removal Rate, Dimensional and Profile Accuracy during Drilling of ASTM A516 (Grade70) Steel	S Vinoth Kumar, R Rekha	Mechanical	Key Engineering Materials 933, 97-106.	2022	1662-9795	https://www.scientific.net/KEM.933.97
Non-traditional tolerance design techniques for low machining cost	Jayaprakash, G	Mechanical	International Journal on Interactive Design and Manufacturing	2022	1955-2513	https://doi.org/10.1007/s12008-022-00992-0
Short Review on Performance Enhancement of Shell and Tube Heat exchanger	Vigneshwar P, Surendran S, Vignesh K.R, Venkatesh M, Yuvaraj R	Mechanical	International Journal of Advance Research and Innovative Ideas in Education	2022	2395-4396	https://ijariie.com/AdminUploadPdf/SHORT_REVIEW_ON_PERFORMANCE_ENHANCEMENT_OF_SHELL_AND_TUBE_HEAT_EXCHANGER_ijariie16553.pdf
Optimization of cylindrical grinding process parameters on austenitic stainless steel 304 using Taguchi based Grey Relational Analysis	R Rekha, SV Kumar, VA Raj, BA Baboo, PG Raj, J Vignesh	Mechanical	Materials Today: Proceedings 72, 2569-2573.	2022	2214-7853	https://www.sciencedirect.com/science/article/pii/S2214785322066196
Multi-Objective Optimization of Metal Removal Rate, Dimensional and Profile Accuracy during Drilling of ASTM A516 (Grade70) Steel	S Vinoth Kumar, R Rekha, M Gokula Rajan, C Adhinathan	Mechanical	Key Engineering Materials 933, 97-106.	2022	1662-9795	https://www.scientific.net/KEM.933.97
Multi-Objective Optimization in Friction Welding Process Parameters on EN353 Alloy Steel using Taguchi based GRA	Karthikeyan S, Baskar N & Ganesan M	Mechanical	Tehnicky Vjesnik-Technical Gazette	2022	1330-3651	https://doi.org/10.17559/TV-20210907113625
An user friendly Scheme of Numerical Representation for Music Chords	G. Mahesh, N. Baskar & M. Ganesan	Mechanical	International Research Journal on Advanced Science Hub (IRJASH)	2022	2582-4376	http://dx.doi.org/10.47392/irjash.2022.057

Multi criteria decision making through TOPSIS and COPRAS on drilling parameters of magnesium AZ91	Varatharajulu, M.; Duraiselvam, M.; Kumar, M.B.; Jayaprakash, G.; Baskar, N.	Mechanical	Journal of Magneium Alloy	2022	2213-9567	https://doi.org/10.1016/j.jma.2021.05.006
Parameter Impacts of Martensitic Structure on Tensile Strength and Hardness of TIG Welded S5410 with characterized SEM	Maresh G, Valavan D, Baskar N, *Bovas Herbert Bejaxhin A	Mechanical	Tehnicki Vjesnik-Technical Gazette	2022	1330-3651	https://hrcak.srce.hr/en/file/433788
DEPARTMENT OF SCIENCE AND HUMANITIES						
Title of the Paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number	Link to the recognition in UGC enlistment of the Journal
Understanding the molecular interaction and relaxation findings in amphiphilics on solution state using TDR	P. Senthilkumar	Physics	Current Applied Physics	2022	1567-1739	https://doi.org/10.1016/j.cap.2022.02.010
Investigation on Interaction of Quinoline with primary alcohols: An Understanding on dielectric Dispersion and relaxation dynamics over a wide frequency regime	P. Senthil Kumar	Physics	Journal of molecular Liquids	2023	0167-7322	https://doi.org/10.1016/j.molliq.2022.121129
Microstructure and Mechanical Properties of Hot Pressed Oxide Dispersion strengthened NITRONIC-60 Austenitic stainless steel developed through Mechanical Alloying	Dr.R. MARIAPPAN Dr.M.MURALI	Physics	Metallography, Microstructure Analysis	2023	21929262	https://doi.org/10.1007/s13632-023-00928-4
A reverse microemulsion route using Igepal CO520 as a surfactant to synthesize NiAl ₂ O ₄ nano powders	Dr.R.MARIAPPAN	Physics	Materials Today Proceedings	2023	2214-7853	http://doi.org/10.1016/j.matpr.2023.02.005
Spectroscopic Analysis, Electromagnetic Interaction and molecular Docking Investigation of Isopropylcyclohexane	Dr.M.MURALI	PHYSICS	Journal of Pharmaceutical Negative Results	2022	0976-9234	https://doi.org/10.47750/pnr.2022.13.508.43
Operations on Multi Fuzzy Graph	S. Revathi	Mathematics	Advances and Applications in Mathematical Sciences	2022	0974-6803	https://www.mililink.com/upload/article/1120673811aams_vol_214_february_2022_a34_p_1989-
Strong Vertex Coloring in Bipolar Fuzzy Graphs	N.Subashini	Mathematics	Communications in Mathematics and Applications	2022	0976-5905	https://www.rgnpublications.com/journals/index.php/cma
Edge Coloring in Complement of Bipolar Fuzzy Graphs	N.Subashini	Mathematics	Ratio Mathematica	2023	1592-7415	http://eiris.it/ojs/index.php/ratiomathematica/index
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Mean square deviation of time to hiring in a single grade workforce structure with clump of egresses and a random threshold	G.Ravichandran	Mathematics	Advances and Applications in Mathematical Sciences	2022	0974-6803	http://www.mililink.com
Moments on Time to Hiring in a Single Grade Workforce Structure with Clump of Classified Egresses and a Random	G.Ravichandran	Mathematics	Communicated to International Journal of Mathematics and Statistics	2022	0973-8347	http://www.ceser.in/ceserp/index.php/ijms
A fuzzy inventory model with discount for imperfect items and fuzzy purchasing price dependent demand	P.K.LAKSHMIDEVI	Mathematics	Zeichen Journal	2022	0932-4747	https://ezeichen.com/volume-8-issue-01-2022/
“ Effect of Visual Merchandising techniques on the ImpulsiveBuying behavior of Apparel Customers in the	Dr.S.Arunkumar	Mathematics	AIP Conference Proceedings	2022	2473, 020013	https://doi.org/10.1063/5.0096815
A review of Covid 19 in Tamilnadu with regression and correlation co-efficient	Dr.S.Arunkumar	Mathematics	Elsevier Ltd,Materials today proceeding	2022	2423	https://doi.org/10.1016/j.matpr.2020.10.777
A review of Covid 19 in Tamilnadu with regression and correlation co-efficient	Mr.C.Gnanadesikan	English	Elsevier Ltd,Materials today proceeding	2022	2423	https://doi.org/10.1016/j.matpr.2020.10.777
Photocatalytic activity of silver nanoparticles synthesized using cadiospermum halicacabum and moringa	V.Balamurugan, L.Muruganandam. R.Natarajan,	Chemistry	Materials Today: Proceedings	2022	2214-7853	https://doi.org/10.1016/j.matpr.2022.03.540
DEPARTMENT OF MBA						
Title of the Paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number	Link to the recognition in UGC enlistment of the Journal
Effect on visual Merchandising Techniques on the impulsive buying behavior of apparel customers in the Tiruchirappalli city	Dr V.Mahalakshmi	MBA	AIP conference Proceedings	2022	ISSN: 1551-7616	https://aip.scitation.org/doi/abs/10.1063/5.0096815
ImPact of visual Merchandising on impulse buying and customer patronage intention with special reference to Reliance Mart - Ariyamangalam Tiruchirpplli	Mr. S. SYED MUTHALIFF	MBA	Journal of the Asiatic Society of Mumbai	2022	ISSN:0972-0766	-
Examining Customer Purchase Decisions Regarding Private Label Brands in Super and Hypermarkets in Madurai and Coimbatore Cities: An Empirical Perspective	Dr. K. Karthikeyan, Mr. S. Saravanan	Department of Management Studies	International Journal of Sales and Marketing Management	2023	ISSN Print: 2319-4898; ISSN Online: 2319-4901;	https://iaset.us/index.php/archives/international-journals/international-journal-of-sales-and-marketing-management?page=4