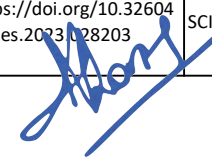


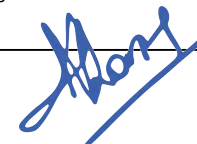
No. of publications only in WoS/SCOPUS/PuBMed/SCI/SCIE (UGC CARE Category-II)

ACADEMIC SESSION (2023-24)

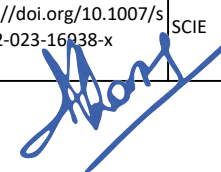
S.No.	Faculty/Author Name	Co-Authors	Paper Title	Journal Name	Year	Volume, Page No.	DOI	Scopus/SCI	ISSN/ISBN No.
1	Mini Agarwal	Bharat Bhushan Agarwal	Methodical Implementation of Data Mining Classifiers and ANN for Prediction of Accomplishment of Student Education	IJPE	2023	Volume 19, 587-597	10.23940/ijpe.23.09.p4.587597	Scopus	
2	Moolchand Sharma	Syeda Reeha Quasar, Rishika Sharma, Aayushi Mittal, Deevyankar Agarwal & Isabel de La Torre Díez	Ensemble Methods for Computed Tomography Scan Images to Improve Lung Cancer Detection and Classification	Multimedia Tools & Applications- Springer	2023	Volume 83, 52867–52897	10.1007/s11042-023-17616-8	SCIE	1573-7721
3	Moolchand Sharma	Aryan Bhatia, Akhil, Ashit Kumar Dutta, Shtwai Alsubai	Optimizing Hybrid Deep Learning Models for Drug-Target Interaction Prediction: A Comparative Analysis of Evolutionary Algorithms	Expert Systems-Wiley	2024		10.1111/exsy.13683	SCIE	1468-0394
4	Moolchand Sharma	Sjman Deswal	Bio-Inspired Algorithm-Based Hyperparameter Tuning for Drug-Target Binding Affinity Prediction in Healthcare	Intelligent Decision Technologies-Ios Press	2023	vol. 17, no. 4, pp. 1455-1474	10.3233/IDT-230145	ESCI/SCOPUS	1872-4981
5	Ajay Kumar Tiwari	Dr. Alok Katiyar	Hybrid Deep Learning Assisted Chest X-Ray Image Segmentation and Classification for Tuberculosis Disease Diagnosis.	Intelligent Decision Technologies	2024	vol. 18, no. 1, pp. 561-569	10.3233/IDT-230286	ESCI/SCOPUS	1872-4981
6	Ajay Kumar Tiwari	Alok Katiyar	Chicken Swarm Algorithm with Deep Convolutional Neural Network Based Tongue Image Analysis for Gastric Cancer Classification.	Intelligent Decision Technologies	2024	vol. Pre-press, no. Pre press, pp. 1-13	10.3233/IDT-240138	ESCI/SCOPUS	1872-4981
7	Karuna Middha	Apeksha Mittal	Discovery of Type 2 Diabetes Mellitus with Correlation and Optimization Driven Hybrid Deep Learning Approach	Computer Methods in Biomechanics and Biomedical Engineering	2023	page 1-13	https://doi.org/10.1080/10255842.2023.2267721	SCI	1025-5842 / 1476-8259
8	Sudha Narang		Dispatcher I-Queue Optimization in JoinIdle Queue Algorithm for Improved Load Balancing in Cloud Computing	Journal of Applied Research and Technology	2023	Vol. 21 No. 2	https://doi.org/10.22201/icat.24486736e.2023.21.2.1621	Scopus	1665-6423
9	Yogesh Sharma	Ashish Khanna , Devansh Singh , Ria Monga , Tarun Kumar	Automated Medical Document Verification on Cloud: Blockchain-Based Soulbound Tokens	Acta Informatica Pragensia	2023	vol. 2023(2), pages 342-356	10.18267/j.aip.218	SCOPUS	1805-4951
10	Deepak Gupta	Suresh Chavhan, Sarada Prasad Gochhayat, Chandana B. N., Ashish Khanna, K. Shankar, Joel J. P. C. Rodrigues	Edge-Empowered Communication Based Vehicle and Pedestrian Trajectory Perception System for Smart Cities	IEEE Internet of Things Journal	2023	Volume: 10, Issue: 21	10.1109/JIOT.2023.3254647	SCIE	2327-4662
11	Deepak Gupta	Apurva Sonavane, Aditya Khamparia	A Systematic Review on the Internet of Medical Things: Techniques, Open Issues, and Future Directions	CMES- Computer Modeling in Engineering & Sciences	2023	vol. 137, no. 2	https://doi.org/10.32604/cmcs.2023.128203	SCIE	1526-1492


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12	Deepak Gupta	Zhiguo Qu; Wenke Shi; Bo Liu;; Prayag Tiwari	IoMT-Based Smart Healthcare Detection System Driven by Quantum Blockchain and Quantum Neural Network	IEEE Journal of Biomedical and Health Informatics	2023	Vol 3, no.3	10.1109/JBHI.2023.3288199	SCIE	2168-2194
13	Deepak Gupta	Roop Ranjan , Dilkeshwar Pandey , Ashok Kumar Rai , Pawan Singh, Ankit Vidyarthi , Puranam Revanth Kumar	A Manifold-level Hybrid Deep Learning Approach for Sentiment Classification using Auto-Regressive Model	Applied Sciences	2023	13(5), 3091	https://doi.org/10.3390/app13053091	SCIE	2076-3417
14	Deepak Gupta	Nuha Alruwais, Eatedal Alabdulkreem, Majdi Khalid	Modified Rat Swarm Optimization with Deep Learning Model for Robust Recycling Object Detection and Classification	Sustainable Energy Technologies and Assessments	2023	Volume 59	https://www.sciencedirect.com/science/article/abs/pii/S2213138823003909	SCIE	2213-1396
15	Deepak Gupta	José Escorcia-Gutierrez, Margarita Gamarra, Esmeide Leal	Sea Turtle Foraging Algorithm with Hybrid Deep Learning Based Intrusion Detection in Internet of Drone Environment	Computers and Electrical Engineering	2023	Volume 108	https://www.sciencedirect.com/science/article/pii/S0045790623001283	SCIE	1879-0755
16	Ashish Khanna	Suresh Chavhan, Sarada Prasad Gochhayat, Chandana B. N., K. Shankar, Joel J. P. C. Rodrigues	Edge-Empowered Communication Based Vehicle and Pedestrian Trajectory Perception System for Smart Cities	IEEE Internet of Things Journal	2023	Volume: 10, Issue: 21	10.1109/JIOT.2023.3254647	SCIE	2327-4662
17	Namita Gupta	Ashish Khanna, Deepak Gupta	ANN-based Structure Peciliaties Evaluation of Polymer Composite Reinforced with Unidirectional Carbon Fiber	Alexandria Engineering Journal	2023	Volume 82	https://www.sciencedirect.com/science/article/pii/S1110016823008578	SCIE	2090-2670
18	Deepak Gupta	Namita Gupta, Ashish khanna	ANN-based Structure Peciliaties Evaluation of Polymer Composite Reinforced with Unidirectional Carbon Fiber	Alexandria Engineering Journal	2023	Volume 82	https://www.sciencedirect.com/science/article/pii/S1110016823008578	SCIE	2090-2670
19	Ashish Khanna	Namita Gupta, Deepak Gupta	ANN-based Structure Peciliaties Evaluation of Polymer Composite Reinforced with Unidirectional Carbon Fiber	Alexandria Engineering Journal	2023	Volume 82	https://www.sciencedirect.com/science/article/pii/S1110016823008578	SCIE	2090-2670
20	Deepak Gupta	Le Sun; Qingyuan Chen; Min Zheng; Xin Ning; Prayag Tiwari	Energy-Efficient Online Continual Learning for Time Series Classification in Nanorobot-Based Smart Health	IEEE Journal of Biomedical and Health Informatics	2023		10.1109/JBHI.2023.3289992	SCIE	2168-2194
21	Deepak Gupta	Nandini Sethi, Amita Dev, Poonam Bansal, Deepak Kumar Sharma	A Pragmatic Analysis of Machine Translation Techniques for Preserving the Authenticity of the Sanskrit Language	ACM Transactions on Asian and Low-Resource Language Information Processing	2023		https://doi.org/10.1145/3610582	SCIE	2375-4699
22	Deepak Gupta	Meshal Alharbi	Segmentation of Diabetic Retinopathy Images using Deep Feature Fused Residual with U-Net	Alexandria Engineering Journal	2023	Volume 83	https://www.sciencedirect.com/science/article/pii/S1110016823009432	SCIE	2090-2670
23	Deepak Gupta	Debjani Ghosh; Chakrapani Gautam; Ankit Vidyarthi	Enhancing P2Cast VoD Streaming Performance: A Node Behaviour-Driven Parent Selection Approach Considering VCR Actions	IEEE Transactions on Consumer Electronics	2023	Volume: 70, Issue: 1	10.1109/TCE.2023.3327708	SCIE	0098-3063

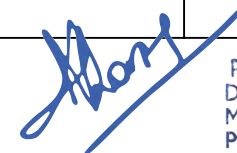

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24	Deepak Gupta	Ashutosh Agrahari; Ruchi Agarwal; Pawan Singh; Abhishek Singh Kilak	Marvelous Hand: An IoT-enabled Artificial Intelligence-based Human-Centric Biosensor Design for Consumer Personal Security Application	IEEE Journal of Biomedical and Health Informatics	2023	Volume: 70, Issue: 1	10.1109/TCE.2023.3320768	SCIE	2168-2194
25	Deepak Gupta	Ngangbam Herojit Singh, N. R. Gladiss Merlin, R. Thandaiah Prabu	Multi-Classification of Brain Tumor by Using Deep Convolutional Neural Network Model in MRI Images	International Journal of Imaging Systems and Technology	2023		https://doi.org/10.1002/ima.22951	SCIE	1098-1098
26	Deepak Gupta	Aditya Khamparia	Cognitive Driven Gait Freezing Phase Detection and Classification for Neuro-Rehabilitated Patients Using Machine Learning Algorithms	Journal of Neuroscience Methods	2024	Volume 409	https://www.sciencedirect.com/science/article/pii/S0165027024001286	SCIE	0165-0270
27	Deepak Gupta	Yiyang Zhang; Le Sun	DCNet: A Self-Supervised EEG Classification Framework for Improving Cognitive Computing-enabled Smart Healthcare	IEEE Journal of Biomedical and Health Informatics	2024	28(8)	https://ieeexplore.ieee.org/document/10412073	SCIE	2168-2194
28	Deepak Gupta	Surbhi Aggarwal, Amit Kumar Singh, Rajkumar Singh Rathore, Mohit Bajaj	Revolutionizing Load Management: A Novel Technique to Diminish the Impact of Electric Vehicle Charging Stations on the Electric Grid	Sustainable Energy Technologies and Assessments	2024	Volume 65	https://www.sciencedirect.com/science/article/pii/S2213138824001802?via%3Dihub	SCIE	2213-1396
29	Anupam Kumar	Faiyaz Ahmad, Bashir Alam	Hybrid Bio-Inspired Computing in Medical Image Data Analysis: A Review	Intelligent Decision Systems, IOS Press, ESCI	2024	In press	In press	Scopus	In press
30	Sachin Gupta	Atul Rana, Bhoomi Gupta	A Comprehensive Framework for Quantitative Risk Assessment of Organizational Networks Using FAIR-Modified Attack Trees	Frontier in Computer Science	2024	Vol-6	https://doi.org/10.3389/fcomp.2024.1304288	SCIE	
31	Mini Agarwal	Bharat Bhushan Agarwal	Predicting Student Academic Performance Using Neural Networks: Analyzing the Impact of Transfer Functions, Momentum and Learning Rate	International Journal of Experimental Research and Review	2024	Volume 40	https://doi.org/10.52756/ijerr.2024.v40spl.005	Scopus	
32	Neelam Sharma	N. Pathak, N. Sharma, Deepakraj R	Computational Analysis: Unveiling the Quantum Algorithms for Protein Analysis and Predictions	IEEE Access	2023	VOLUME 11, 2023, pp. 94023-94033	10.1109/ACCESS.2023.3310812	SCIE (IF 3.476)	ISSN: 2169-3536
33	Neelam Sharma	N. Pathak, N. Sharma, Priyanka Yadav	Investigating the Behaviour of Consumers Using Digital Payment: Comparative Study Between Rural and Urban Areas	Intelligent Decision Technologies, Netherlands	2024	vol. Pre-press, no. Pre press, pp. 1-18	10.3233/IDT-230727	ESCI, Scopus (IF 1.0).	1875-8843
34	Neelam Sharma	N. Pathak, N. Sharma, Arvind Panwar	Opti Charge: A Firefly Algorithm-Based Approach for Minimizing Electric Vehicle Waiting Time at Charging Stations	Intelligent Decision Technologies, Netherlands	2024	vol. Pre-press, no. Pre press, pp. 1-14	10.3233/IDT-230619	ESCI, Scopus (IF 1.0).	1875-8843
35	Gunjan Chugh		Transnet: A Comparative Study on Breast Carcinoma Diagnosis with Classical Machine Learning and Transfer Learning Paradigm	Multimedia Tools & Applications, SCIE (IF 3.6)	2023		https://doi.org/10.1007/s11042-023-16938-x	SCIE	1573-7721



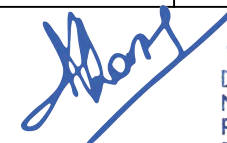
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36	Ritu Gupta	Sunita, Anshika Prakash	An Empirical Analysis of Volatility and Asymmetric Behaviour	KIIT Journal of Management: Parikalpana	2023	Vol-19.2 , December-2023	http://dx.doi.org/10.23862/kiit-parikalpana/2023/v19/i2/223464	UGC CARE GROUP I	Print-0974-2808 EISSN-2582-4821,0973-855X
37	Jyotsna	Manisha Manchanda	Higher Education's Position in Shaping the Workforce of the Future and the Importance of Adapting to the Digital Age	International Journal of Educational Reform	2023		https://doi.org/10.1177/10567879231211285	UGC Care Group 2(Scopus Indexed)	1056-7879
38	Jyotsna	Manisha Manchanda	Micro-Credentialing on The Block-Chain: A Study of its Potential in Higher Education's Security and Identity"	Third Concept: An International Journal of Ideas	2023	Volume 37 (441)		UGC Care Group 1	0970-7247
39	Jyotsna	Manisha Manchanda	Incorporating Technological Progress and Competitive Disruption In India's Educational System	MDIM Journal of Management Review and Practice	2023	Vol. 1(2) 107–122	DOI: 10.1177/mjmrp.231201694	Sage Publications: Peer Reviewed,	2583-8768
40	Radhika Aggarwal	Sanjay Dhingra & Sanjiv Mittal	What Reduces the Privacy Concerns of the Customers towards the Use of Location-Based Advertising? An Empirical Investigation.	Journal of Location based Services.	2023	Vol 18, Issue 1	https://doi.org/10.1080/17489725.2023.2256701	Scopus Indexed, Web of Science ESCI	1748-9725
41	Radhika Aggarwal	Sanjay Dhingra & Sanjiv Mittal	Location-Based Advertising: A Systematic Review, Integrative Framework, and Future Research Agenda	Journal of Location based Services.	2024	Latest	https://doi.org/10.1080/17489725.2024.2341632	Scopus Indexed, Web of Science ESCI	1748-9725
42	Nishant Gaur	Vikas Gupta	Analyzing the concatenation between ethics and Knowledge culture in Indian IT sector	Sage	2023	Vol. 13		SSCI Indexed and Scopus Indexed	2158 -2440
43	Anupam Thakur	Virat Khanna, Qasim Murtaza	Characterization, Strength and Wear Optimization of Aluminium Based Boron Carbide/Graphite Hybrid Composite by TOPSIS for Dry Condition	Journal of Solid State Science and Technology,	2023	Vol. 12(12)	https://iopscience.iop.org/article/10.1149/2162-8777/ad1209	SCI	
44	Madhukar Chhimwal	Saurabh Agrawal, Girish Kumar	Markovian Approach to Evaluate Circularity in Supply Chain of Non-Ferrous Metal Industry	Resources Policy	2023	Volume 80, 103260	https://doi.org/10.1016/j.resourpol.2022.103260	SCIE	1873-7641
45	Ashwni Goel	Piyush Rawat, Ahmad Faizan Sherwani	Optimization of Single and Double Pass Solar Air Heater-Phase Change Material (SAH-PCM) System Based on Thickness to Length Ratio	International Journal of Heat and Mass Transfer	2024	Volume 224, 1June 2024	https://doi.org/10.1016/j.ijheatmasstransfer.2024.125356	SCI	1879-2189
46	Surbhi Upadhayay	S K Garg, Rishu Sharma	Unlocking Competitive Edge and Sustainability Through Make - to - Order Manufacturing: An Empirical Investigation	Environment, Development and Sustainability	2023	In Press	doi: 10.1007/s10668-023-04255-0	SCI	Electronic ISSN 1573-2975 Print ISSN 1387-585X



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47	Sumit Joshi	R C Singh, Rajiv Chaudhary	Optimization of FSP Parameters in Cast Magnesium Alloy Using Hybrid GRA Methodology	International Journal of Materials and Product Technology	2024	67, 394-415	https://doi.org/10.1504/IJMPT.2023.136518	SCIE	0268-1900
48	Vaibhav Jain	Gulshan Sachdeva , Ajay Jaiswar , Parinam Anuradha	Comparative Performance Investigation of a Dual Evaporator Cycle Using an Ejector with the Conventional Cycle Using a Pressure Reducing Valve	International Journal of Air-Conditioning and Refrigeration	2023	Volume 31, article number 20	https://doi.org/10.1007/s44189-023-00036-6	ESCI	2010-1333
49	Vaibhav Jain	Gulshan Sachdeva , Parinam Anuradha and Y. T. VenkataTeja		International Journal of Air-Conditioning and Refrigeration	2024	Volume 32, article number 07	DOI: https://doi.org/10.1007/s44189-024-00051-1	ESCI	2010-1333
50	Vaibhav Jain	Sonal Khurana, Anuradha Parinam, Gulshan Sachdeva, Akshat Goel, Kanchan Mudgil	Experimental Analysis of an Ejector Assisted Dual-Evaporator Vapor Compression System	Energy Conversion and Management	2024	Volume 300, 15 January 2024, 117966	https://doi.org/10.1016/j.enconman.2023.117966	SCI	0196-8904
51	Vaibhav Jain	Kanchan Mudgil, Sonal Khurana, Anuradha Parinam, Gulshan Sachdeva, Aditya Kumar, Kamran Ali	Performance Evaluation of Two-Stage Vapor Compression Refrigeration System Using R134a as Refrigerant	ASHRAE Journal	2024	In Press (Paper accepted)		SCIE	1943-6637
52	Kanchan Mudgil	Vaibhav Jain, Sonal Khurana, Anuradha Parinam, Gulshan Sachdeva, Akshat Goel	Experimental Analysis of an Ejector Assisted Dual-Evaporator Vapor Compression System	Energy Conversion and Management	2024	Volume 300, 15 January 2024, 117966	https://doi.org/10.1016/j.enconman.2023.117966	SCI	0196-8904
53	Kanchan Mudgil	Vaibhav Jain, Sonal Khurana, Anuradha Parinam, Gulshan Sachdeva, Aditya Kumar, Kamran Ali	Performance Evaluation of Two-Stage Vapor Compression Refrigeration System Using R134a As Refrigerant	ASHRAE Journal	2024	In Press (Paper accepted)		SCIE	1943-6637
54	Naveen Solanki	Akhilesh Arora and Raj Kumar Singh	Advance Exergy and Coefficient of Structural Bond Analysis of Dedicated Mechanical Subcooled Vapor Compression Refrigeration System	International Journal of Refrigeration	2023	Volume 153, Pages 266-280	https://doi.org/10.1016/j.ijrefrig.2023.06.008	SCIE	0140-7007 / 1879-2081
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56	Naveen Solanki	Akhilesh Arora and Raj Kumar Singh	Performance Enhancement and Environmental Analysis of Vapor Compression Refrigeration System with Dedicated Mechanical Subcooling	International Journal of air conditioning and refrigeration	2023	Volume 31, article number 26	https://link.springer.com/article/10.1007/s44189-023-00042-8	ESCI	2010-1325 / 2010-1333



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58	Sidharth Bansal	Deshdeep Gambhir	Recent Biomass-Based Aviation Fuels: A Study	Journal of Biofuels	2023	Volume-14, Issue-1and2	10.5958/0976-4763.2023.00003.X	ICI	Online ISSN : 0976-4763
59	Anshu Khurana	Om Prakash Verma	Optimal Heterogeneous Domain Adaptation for Text Classification in Transfer Learning	Computers and Electrical Engineering	2024	Volume 116, page number 109192	https://doi.org/10.1016/j.compeleceng.2024.109192	SCI	
60	Neha Aggarwal		Optimized Sliding Mode Control for Improved Frequency Response in an Islanded Microgrid System	Australian Journal of Electrical and Electronics Engineering	2024		10.1080/1448837X.2024.2376376	Scopus	10.1080/1448837X.2024.2376376
61	Neelu Nagpal		Optimized Sliding Mode Control for Improved Frequency Response in an Islanded Microgrid System	Australian Journal of Electrical and Electronics Engineering	2024			Scopus	Accepted
62	Neelu Nagpal	Poras Khetarpal	A Comprehensive Review on Artificial Intelligence and Blockchain Technologies for Electric Vehicle Charging Ecosystems	IGI Global	2024		10.1007/978-981-99-6749-0_49	Scopus	10.1007/978-981-99-6749-0_49
63	Neha Aggarwal		Machine Learning Algorithms to Diagnose Parkinson's Disease Using Vocal Data	Sigmaa-2023 in Advances in Intelligent Systems and Computing Series, Springer	Under publication			Scopus	Accepted
64	Neelu Nagpal		Machine Learning Algorithms to Diagnose Parkinson's Disease Using Vocal Data	Sigmaa-2023 in Advances in Intelligent Systems and Computing Series, Springer	Under publication			Scopus	Accepted
65	Neelam Kassarwani		Machine Learning Algorithms to Diagnose Parkinson's Disease Using Vocal Data	Sigmaa-2023 in Advances in Intelligent Systems and Computing Series, Springer	Under publication			Scopus	Accepted
66	Neha Aggarwal		Simultaneous Dynamic State Estimation and Fault Data Detection in Frequency Control Loop of Interconnected Multi-area Power Systems	Sigmaa-2023 in Advances in Intelligent Systems and Computing Series, Springer	Under publication			Scopus	Accepted
67	Neelu Nagpal		Simultaneous Dynamic State Estimation and Fault Data Detection in Frequency Control Loop of Interconnected Multi-area Power Systems	Sigmaa-2023 in Advances in Intelligent Systems and Computing Series, Springer	Under publication			Scopus	Accepted
68	Lalit Aggarwal		Image Forgery Detection System Using Passive Techniques	Sigmaa-2023 in Advances in Intelligent Systems and Computing Series, Springer	Under publication			Scopus	Accepted
69	Lalit Aggarwa		A Device to Develop Depth Map using Principles of Stereoscopic Vision	Sigmaa-2023 in Advances in Intelligent Systems and Computing Series, Springer	Under publication			Scopus	Accepted
70	Lalit Aggarwal		GUI Based Diabetes Prediction Using Pipeline	Sigmaa-2023 in Advances in Intelligent Systems and Computing Series, Springer	Under publication			Scopus	Accepted

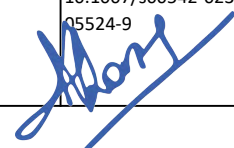


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71	Poonam Juneja		A Novel Approach for Reliability and Sensitivity Characterization of Phasor Measurement Unit	Sigmaa-2023 in Advances in Intelligent Systems and Computing Series, Springer	Under publication			Scopus	Accepted
72	Supriya Sharma		An Insight into the Advancement of Electricity Islands	Sigmaa-2023 in Advances in Intelligent Systems and Computing Series, Springer	Under publication		doi: 101016//j.compeleceng.2024	Scopus	doi: 101016//j.comp eleceng.2024
73	Neelu Nagpal	Poras Khetarpal	Noisy and Non-Stationary Power Quality Disturbance Classification Based on Adaptive Segmentation Empirical Wavelet Transform and Support Vector Machine	Computer and Electrical Engineering, Elsevier, 118, 109346,	2024			SCI	ISBN 9781032568522
74	Neelu Nagpal		Computational Material Science for Cheminformatics Feature Descriptive Language (CFDL) with Categorical Data	Sustainable Materials The Role of Artificial Intelligence, CRC and Machine Learning, CRC Press	Reflecting Online (ISBN 9781032568522)		10.1109/TIA.2023.3316646	Applied for Scopus Indexing	10.1109/TIA.2023.3316646
75	Neelu Nagpal	Hardik Nagpal	Dynamic State Estimation for Improving Observation and Resiliency of Interconnected Power Systems	IEEE Transactions on Industry Application Society	2024		IRJET-V11I322.pdf	SCI	IRJET-V11I322.pdf
76	Neha Aggarwal	Aparna N. Mahajan	Frequency Control Enhancement of an Islanded Microgrid Using Disturbance-Observed-Based Approach	International Journal of Electronics, Taylor & Francis	2024		10.1080/00207217.2024.2312555	SCI	10.1080/00207217.2024.2312555
77	Neelu Nagpal	Aparna N. Mahajan	Frequency Control Enhancement of an Islanded Microgrid Using Disturbance-Observed-Based Approach	International Journal of Electronics, Taylor & Francis	2024		10.1149/2162-8777/ad26a2	SCI	10.1149/2162-8777/ad26a2
78	Satvir Singh Deswal	Rewari Sonam	Modeling and Simulation Characteristics of a Highly-Sensitive Stack-Engineered Junctionless Accumulation Nanowire FET for PH3 Gas Detector	ECS Journal of Solid State Science and Technology	2024		10.1142/S012915642450034	Web of Science(SCIE)	10.1142/S0129156424500034
79	Jitender Kumar		Design of Low Power Analog/RF Signal Processing Circuits Using 22 nm Silicon-on-Insulator Schottky Barrier Nano-Wire MOSFET	International Journal of High Speed Electronics and Systems	2024		10.1142/S012915642450034	SCI	10.1142/S0129156424500034
80	Satvir Singh Deswal	Aparna N. Mahajan	Design of Low Power Analog/RF Signal Processing Circuits Using 22 nm Silicon-on-Insulator Schottky Barrier Nano-Wire MOSFET	International Journal of High Speed Electronics and Systems	2024		10.1007/s00542-023-05590-y	SCI	10.1007/s00542-023-05590-y

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81	Jitender Kumar	Aparna N. Mahajan	RF and Linearity Parameters Analysis of 20 Nm Gate-All-Around Gate-Stacked Junction-Less Accumulation Mode MOSFET for Low Power Circuit Applications	Microsystem Technology, Springer	2024		10.1007/s00542-023-05590-y	SCI	10.1007/s00542-023-05590-y
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84	Neelu Nagpal	Poras Khetarpal	Power Quality Disturbance Signal Segmentation and Classification Based on Modified BI-LSTM with Double Attention Mechanism	IET Generation Transmission & Distribution	2023		10.1007/978-981-99-6749-0_49	SCIE	10.1007/978-981-99-6749-0_49
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86	Neelu Nagpal	Lakshmi D.	Comparative Study on Forecasting of Schedule Generation in Delhi Region for the Resilient Power Grid Using Machine Learning	IEEE Transactions on Industry Application Society	2023		10.1109/TIA.2023.3316646	SCI	10.1109/TIA.2023.3316646
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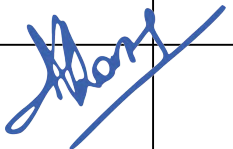
**No. of publications only in UGC-CARE (Category-I)
ACADEMIC SESSION (2023-24)**

S. No.	Faculty/Author	Co-Authors	Paper Title	Journal name	Year	Volume, Page no	DOI	Indexing	ISSN/ ISBN No.
1	Ritu Gupta		An Empirical Analysis of Volatility and Asymmetric Behaviour	KIIT Journal of Management: Parikalpana	2023	Volume-19.2		UGC Care Group 1	Print-0974-2808 EISSN-2582-4821
2	Ritu Gupta		The Transmission of Volatility Among Exchange Rate, Gold, Crude Oil and Indian Stock Market: Non-linear ARDL Approach	Madhya Pradesh Journal of Social Sciences	2023	Vol 28 No 2		UGC Care Group 1	(ISSN: 0973-855X)

**No. of publications only in any referred journal other than the above indexing above (with ISSN No.)
ACADEMIC SESSION (2023-24)**

S. No.	Faculty/Author	Co-Authors	Paper Title	Journal name	Year	Volume, Page no	DOI	Indexing	ISSN/ ISBN No.
1	Kavita Saxena		Predict Survival probability for cancer patients using deep learning	Int J of Scientific Research in Engineering and Management	2023	Volume 07 Issue 02	10.55041/IJSREM17670		2582-3930
2	Zameer Fatima		Person Identification from Newspapers and Other Archives in English and Hindi to Collect Related Information	International Journal of Artificial Intelligence and Education Technology (IJAIET) Vol. 1, No. 1, 2023	2023		https://dx.doi.org/10.2139/ssrn.4381955		2352-5398
3	Karuna Middha		Aadhar-Based Biometric Identification System for Tracking Missing Persons	Iconic Research And Engineering Journals	2023	Volume 6 Issue 7	https://www.irejournals.com/formatedpaper/1704042.pdf		2456-8880
4	Karuna Middha		Entertainment Content Recommendation System Using Machine Learning	International Research Journal of Engineering and Technology (IRJET)	2023	Volume: 10 Issue: 01	https://www.irjet.net/archives/V10/i1/IRJET-V10I148.pdf		2395-0056
5	Yogesh Sharma		Automated Medical Document Verification on Cloud: Blockchain-Based Soulbound Tokens	Acta Informatica Pragensia	2023	vol. 2023(2), pages 342-356	10.18267/j.aip.218		1805-4951
6	Sakshi Jha		Blockchain for Improved Water Resource Management	International Journal for Modern Trends in Science and Technology	2023	Volume 9, Issue 01	9.-ijmtst-0901030		2455-3778
7	Amita Goel	Govind Singh Bisht*1, Tushar Monga*2, Dr. Amita Goel*3, Mrs. Nidhi Sengar*4, Dr. Vasudha Bahl*5	Cryptocurrency Price Prediction Using Lstm, Arima, And Linear Regression	International Research Journal of Modernization in Engineering Technology and Science	2023	Volume:05/Issue:06			e-ISSN: 2582-5208

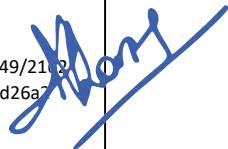
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8	Deepika Bansal	Rahul, Deepika Bansal	Object Detection Using Machine Learning and Deep Learning	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	2023	Volume 11 Issue II		ISSN: 2321-9653
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19	Seema Kalonia	Raunak Jasrasaria ; Samridh Gupta ; Seema Kalonia ; Anshu Khurana	Farmer's Guide: Crop Prediction using Random Forest Regression	IRE Journals	2023	Volume 6 Issue 12		e-ISSN: 2456-8880
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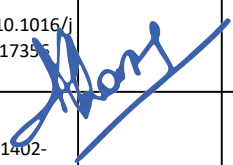
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25	Deepika Bansal	Harsh Pandey, Jai Rai Lakhi, Vaishali Goel, Deepika Bansal	A Review on Scream Detection and Classification	International Journal of Scientific Research in Engineering and Management (IJSREM)	2023	VOLUME: 07 ISSUE: 12			ISSN: 2582-3930
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27	R S Gupta	Prajvi Udar, Anubha Goel	Nanoscale Temperature Dependent Quantum-Effect Analytical Model of Short-Channel, Junction-Less, Double-Gate Stack (SC-JL-DG) MOSFET for Analog Applications at Higher Frequencies	Microelectronics Journal	2023	141, 105952	https://doi.org/10.1016/j.mejo.2023.105952		Print ISSN: 0959-8324
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46	Shalu Garg	Jasdeep Kaur, Anubha Goel, Subhasis Halder, RS Gupta	Accurate 2-D Analytical Model for Cylindrical Gate- Junctionless Ferroelectric Nanowire (CG-JFe- FET) MOSFET with Scaled Channel Length	Physica Scripta	2024	99(5):055240	DOI 10.1088/1402-4896/ad39b9		1402-4896
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48	R S Gupta	Shalu Garg, Jasdeep Kaur, Anubha Goel, Subhasis Halder	Dielectric Pocket Engineered, Gate Induced Drain Leakages (GIDL) and Analog Performance Analysis of Dual Metal Nanowire Ferroelectric MOSFET (DPE-DM-NW-Fe FET) as an Inverter	Microsystem Technologies	2024	pp. 1-12	DOI 10.1088/1402-4896/ad39b9		9467076
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53	Amita Goel	Hardik Sharma, Dr. Vasudha Bahl, Ms. Nidhi Sengar	Parkinson's Disease Prediction Using Machine Learning	International Journal of Scientific Research in Engineering and Management	2023	Vol 7, Issue 12,	DOI: 10.55041/IJSREM27762		ISSN: 2582-3930
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68	Varun Goel	Akshat Bansal	Mindvaidya - Personalised Ai Therapy Platform	International Research Journal of Modernization in Engineering Technology and Science	2024	Vol. 6, Issue 2, Pg: 1033-1038	https://www.doi.org/10.56726/IRJMETS49366		e-ISSN: 2582-5208
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