



Prestige Institute of Engineering Management & Research, Indore

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S.NO	Name of the Faculty	Paper Title	Year	Scopus / Q1 / Q2	Full Journal Name	ISSN / ISBN	DOI	Website Link
1	Dr. Dipti Chauhan	A layered and integrative framework for Advance Persistent Threat detection and mitigation: combining AI, Zero-Trust, and	9/11/2025	SCI-Q1 Category	Cluster Computing	Electronic ISSN 1573-7543	https://doi.org/10.1007/s10586-025-05561-0	https://link.springer.com/article/10.1007/s10586-025-05561-
2	Dr. Dipti Chauhan	Hybrid Deep Learning and Blockchain-Enabled Intrusion Detection System for IoT Networks using Enhanced Dataset Fusion	9/1/2025	Scopus	Journal of Engineering Science and Technology Review	ISSN: 1791-2377	DOI: 10.25103/jestr.184.26	https://jestr.org/downloads/Volume18Issue4/fulltext261842025.pdf
3	Prof. Ajay Jaiswal	Machine learning approach for cost estimation in software project planning	9/9/2025	Scopus	Indonesian Journal of Electrical Engineering and Computer	p-ISSN: 2502-4752, e-ISSN: 2502-4760	http://doi.org/10.11591/ijeecs.v39.i3.pp1724-1735	https://ijeecs.iaescore.com/index.php/IJEECS/article/view
4	Prof. Ajay Jaiswal	Improving Software Project Cost Estimation and Planning Accuracy Using Genetic Algorithms and Fuzzy Logic	31/08/2025	SCI	International Journal of Software Engineering and Knowledge Engineering	0218-1940	https://doi.org/10.1142/S021819402550055X	https://www.worldscientific.com/doi/epdf/10.1142/S021819402550055X
5	Dr. Varshali Jaiswal	Advancing Neural Architecture Search Through an Innovative Genetic Algorithm with Inverted Swap Crossover"	7/1/2025	Scopus Q2	The National Academy of Sciences, India (2025), Springer	2250-1746	https://doi.org/10.1007/s40009-025-01733-z	https://link.springer.com/article/10.1007/s40009-025-01733-z
6	Dr. Dipti Chauhan	Adaptive Threat Intelligence: An Incremental Learning Approach for Detecting Evolving APT Attacks	7/22/2025	Scopus	IEEE Explore	65477	10.1109/AMATHE65477.2025.11081277	https://ieeexplore.ieee.org/document/11081277
7	Dr. Nikita Ramachandra	Kubernetes and IoT-based next-generation scalable energy management framework for residential clusters	6/15/2025	SCI-Q1 Impact factor 7.4	Journal of Building Engineering	2352-7102	https://doi.org/10.1016/j.jobeb.2025.112292	https://www.sciencedirect.com/science/article/abs/pii/S2352710225005297
8	Dr. Rewa Bochare	Exploring ANFIS hybrid optimization for improved rainfall-runoff predictions: insights from Banjar River Catchment, India	5/15/2025	SCIE Q1 impact factor 4.7	Environment, Development and Sustainability	1573-2975	https://doi.org/10.1007/s10668-025-06284-3	https://link.springer.com/journal/10668
9	Prof. Mahendra R. Jadhav	Towards intelligent food safety: Machine learning approaches for aflatoxin detection and risk prediction	5/1/2025	SCI-Q1, Impact Factor: 15.4	Trends in Food Science & Technology (Elsevier)	0924-2244	https://doi.org/10.1016/j.tifs.2025.105055	https://www.sciencedirect.com/science/article/pii/S0924224425001918?ref=pdf_download&fr=RR-2&rr=94189f0a5d7e47dc



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10	Dr. Dipti Chauhan	Optimized Secure and Energy-Efficient Approach for IoT-Enabled Wireless Sensor Networks	5/1/2025	ESCI, Q1 Journal Impact Factor 3.543	Pervasive and Mobile Computing	1574-1192	https://doi.org/10.1016/j.pmcj.2025.102049	https://www.sciencedirect.com/science/article/abs/pii/S1574119225000380
11	Ms. Diksha Bharawa	Ethical Considerations in Digital Travel Health	4/1/2025	Scopus	Navigating Innovations and Challenges in Travel Medicine and Digital Health	9798369387740	10.4018/979-8-3693-8774-0.ch021	https://www.igi-global.com/chapter/ethical-considerations-in-digital-travel-health/375097
12	Dr. Dipti Chauhan	Ethical Considerations in Digital Travel Health	4/1/2025	Scopus	Navigating Innovations and Challenges in Travel Medicine and Digital Health	9798369387740	10.4018/979-8-3693-8774-0.ch021	https://www.igi-global.com/chapter/ethical-considerations-in-digital-travel-health/375097
13	Dr. Pritika Bahad	Ethical Considerations in Digital Travel Health	4/1/2025	Scopus	Navigating Innovations and Challenges in Travel Medicine and Digital Health	9798369387740	10.4018/979-8-3693-8774-0.ch021	https://www.igi-global.com/chapter/ethical-considerations-in-digital-travel-health/375097
14	Prof. Mahendra R. Jadhav	Advancements and recent trends in shape memory alloy actuators: position control and emerging applications	3/1/2025	ESCI-Q2, Impact Factor: 2.2	International Journal of Dynamics and Control (Springer)	2195-2698	https://doi.org/10.1007/s40435-025-01615-8	https://link.springer.com/article/10.1007/s40435-025-01615-8#citeas
15	Dr. Rewa Bochare	Green Roads Revolution: Innovating Rubber and Bitumen Production for Sustainable and Durable Infrastructure	2/13/2025	Scopus+ESCI Q2 Impact Factor 3	International Journal of Pavement Research and Technology	1997-1400	https://doi.org/10.1007/s42947-025-00501-y	https://link.springer.com/article/10.1007/s42947-025-00501-y
16	Mr. Kamlesh Dhone	Green Roads Revolution: Innovating Rubber and Bitumen Production for Sustainable and Durable Infrastructure	2/13/2025	Scopus+ESCI Q2 Impact Factor 3	International Journal of Pavement Research and Technology	1997-1400	https://doi.org/10.1007/s42947-025-00501-y	https://link.springer.com/article/10.1007/s42947-025-00501-y
17	Mr. Mohit Kadwal	AI-Driven Intrusion Detection Systems: Leveraging Deep Learning for Network Security	2/1/2025	Scopus Q4	Nanotechnology Perceptions	1660-6795		



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S.NO	Name of the Faculty	Paper Title	Year	Scopus / Q1 / Q2	Full Journal Name	ISSN / ISBN	DOI	Website Link
18	Dr. Raksha Parolkar	Green Roads Revolution: Innovating Rubber and Bitumen Production for Sustainable and Durable Infrastructure	2/1/2025	Scopus+ESCI Q2 Impact Factor 3	International Journal of Pavement Research and Technology	1997-1400	https://doi.org/10.1007/s42947-025-00501-y	https://link.springer.com/article/10.1007/s42947-025-00501-y
19	Dr. Pragya Nema	Optimising SMIB system stability: FOPID controller tuning via Harris hawks optimisation	1/1/2025	Scopus+ESCI Q2 impact factor 2.3	Evolutionary Intelligence 18 (1), 16 (Springer Berlin Heidelberg)		https://doi.org/10.1007/s12065-024-00991-y	https://link.springer.com/article/10.1007/s12065-024-00991-y
20	Dr. Charu Vaibhav Verma	Malaria Detection with Multi-stage Recognition Using Neighbor Sample Joint Learning and Deep Learning Techniques	5/4/2025	Scopus	Advanced Network Technologies and Computational Intelligence	978-3-031-86069-0	https://doi.org/10.1007/978-3-031-86069-0_21	https://link.springer.com/chapter/10.1007/978-3-031-86069-0_21#:~:text=In%20this%20study%2C%20a%20new,on%20similarity%20(neighborhood%20relevance%20mining
21	Prof. Ajay Jaiswal	Using Deep Learning Model to Estimate Cost of Software Project Development	31/05/2025	Scopus	International Journal of Engineering Trends and Technology	2231–5381	https://doi.org/10.14445/22315381/IJET-T-V73I5P130	https://ijettjournal.org/archive/ijett-v73i5p130
22	Dr. Pritika Bahad	Sentiment Analysis of Helpdesk Calls: Enhancing Customer Support through Natural Language Processing	26/05/2025	Springer Nature	Advances in Intelligent Systems Research	1951-6851	10.2991/978-94-6463-716-8_31	https://www.atlantis-press.com/proceedings/ramsita-25/126011525
23	Dr. Dipti Chauhan	Sentiment Analysis of Helpdesk Calls: Enhancing Customer Support through Natural Language Processing	26/05/2025	Springer Nature	Advances in Intelligent Systems Research	1951-6851	10.2991/978-94-6463-716-8_31	https://www.atlantis-press.com/proceedings/ramsita-25/126011525
24	Ms. Diksha Bharawa	Sentiment Analysis of Helpdesk Calls: Enhancing Customer Support through Natural Language Processing	26/05/2025	Springer Nature	Advances in Intelligent Systems Research	1951-6851	10.2991/978-94-6463-716-8_31	https://www.atlantis-press.com/proceedings/ramsita-25/126011525
25	Prof. Ajay Jaiswal	Importance of Addressing Complexity Factors to Improve Project Success Rates and the Overall Effectiveness of Software Development	26/05/2025	Spinger	Advances in Intelligent Systems Research	1951-6851	10.2991/978-94-6463-716-8_55	Advances in Intelligent Systems Research



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26	Mr. Mohit Kadwal	An Intrusion System for Vehicular Ad Hoc Networks Using Deep Learning	6/1/2025	Springer Nature	Studies in Computational Intelligence	1860-9503	https://doi.org/10.1007/978-981-96-5190-0_5	https://link.springer.com/chapter/10.1007/978-981-96-5190-0_5
27	Dr. Dipti Chauhan	Digital Twins-enabled model for Smart Farming	1/1/2025	Elsevier	Elsevier: Digital Twins for Smart Cities and Villages	978-0-443-28884-5	https://doi.org/10.1016/B978-0-443-28884-5.00020-8	https://www.sciencedirect.com/science/article/abs/pii/B9780443288845000208
28	Dr. Pritika Bahad	Digital Twins-enabled model for Smart Farming	1/1/2025	Elsevier	Elsevier: Digital Twins for Smart Cities and Villages	978-0-443-28884-5	https://doi.org/10.1016/B978-0-443-28884-5.00020-8	https://www.sciencedirect.com/science/article/abs/pii/B9780443288845000208
29	Dr. Ashutosh Kashiv	The Impact of IoT on Performance of Electric Vehicle Charging Station Network	2/6/2025	Scopus	Taylor & Francis-Energy 4.0: Trends, Challenges, and Applications (1st ed.). CRC Press.	9781003537823	https://doi.org/10.1201/9781003537823	https://www.taylorfrancis.com/chapters/edit/10.1201/9781003537823-10/impact-iot-performance-electric-vehicle-charging-station-network-sneha-nagar-ashutosh-kashiv-nagendra-singh?context=ubx&refId=5a65c20e-a5a2-43d1-a380-d5589bb6aecb
30	Dr. Ashutosh Kashiv	An Efficient Design of IoT Enables Wireless Sensor Network for Energy Optimization in the Agriculture Sector	25/07/2025	Scopus / Q2	Springer Nature-Journal of The Institution of Engineers (India): Series A	2250-2157	https://doi.org/10.1007/s40030-025-00912-x	https://link.springer.com/article/10.1007/s40030-025-00912-x
31	Mr. Mohit Kadwal	Healthcare Prediction Based on Machine Learning and Convolutional Neural Network	45748	Scopus / Q3	Journal of Neonatal Surgery	2226-0439	https://doi.org/10.52783/jns.v14.3906	https://mail.jneonatsurg.com/index
32	Ms. Diksha Bharawa	Healthcare Prediction Based on Machine Learning and Convolutional Neural Network	45748	Scopus / Q3	Journal of Neonatal Surgery	2226-0439	https://doi.org/10.52783/jns.v14.3906	https://mail.jneonatsurg.com/index



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33	Ms. Neha Sharma	ONU Placement Optimization in FiWi Networks Using Mountain Gazelle Algorithm with Hyperbolic, Archimedes and	2025	Scopus- impact factor 1.26	Journal of Information Systems Engineering and	2468-4376	https://doi.org/10.52783/jisem.v10i33s.5650	https://jisem-journal.com/index.php/journal
34	Dr. Soma Saha	A Comparative Analysis of Cyber Vulnerabilities Across Relational, Document, and Cloud Databases	2024-11-11	Q3/Elsevier	Journal of Computational Analysis and Applications (JoCAAA)			https://eudoxuspress.com/index.php/pub/article/view/2203
35	Prof. Mahendra R. Jadhav	A comparative analysis between deep neural network-based 1D-CNN and LSTM models to harness the self-sensing property of the shape memory alloy wire actuator for position estimation	05/08/2024	SCI-Q1 Impact factor 3.8	Smart Materials and Structures (IoP)	1361-665X	10.1088/1361-665X/ad610c	https://iopscience.iop.org/article/10.1088/1361-665X/ad610c/meta
36	Dr. Ashutosh Kashiv	Performance analysis of doubly-fed induction generator using PID controller optimized by whale optimization	04/07/ 2024	Scopus+ ESCI	International Journal of Engineering Systems Modelling and Simulation	1755-9758	https://doi.org/10.1504/IJESMS.2024.139542	https://www.inderscienceonline.com/doi/abs/10.1504/IJESMS.2024.139542
37	Dr. Pragya Nema	Forecasting Energy Utilization in Residential Areas through Machine Learning Techniques	10/10/2024	Scopus , impact factor 1	Journal of Electrical Systems		https://doi.org/10.52783/jes.817	https://journal.esrgroups.org/jes/article/view/817
38	Dr. Nikita Ramachandra	State-of-the-art and real-time implementation of an IoT-based home energy management system for a cluster of dwellings	8/30/2024	SCI-Q1	Heliyon	2405-8440	10.1016/j.heliyon.2024.e35887	State-of-the-art and real-time implementation of an IoT-based home energy management system for a cluster of dwellings: Heliyon
39	Dr.Pragya Nema	Optimizing Dynamic Stability in Power Systems: A Robust Approach with FOPID Controller Tuning Using	6/30/2024	Scopus Q2	Proceeding of Engineering and Technology Innovations		https://doi.org/10.46604/peti.2024.13455	https://ojs.imeti.org/index.php/PETI/issue/view/135
40	Dr. Nikita Ramachandra	Modelling of PEM fuel cell for parameter estimation utilizing clan co-operative based spotted hyena optimizer	6/1/2024	SCI-Q1, Impact factor 10.9	Energy Conversion and Management	1879-2227	https://doi.org/10.1016/j.enconman.2024.118371	https://www.sciencedirect.com/science/article/abs/pii/S0196890424003121



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41	Dr. Monika Dagliya	Sustainable concrete production using toxic foundry sand and its subsequent effect on water contamination	5/1/2024	SCIE Q1 impact factor 8.2	Science of The Total Environment	1879-1026	https://doi.org/10.1016/j.scitotenv.2024.171551	https://www.sciencedirect.com/journal/science-of-the-total-environment
42	Dr. Rewa Bochare	Sustainable concrete production using toxic foundry sand and its subsequent effect on water contamination	5/1/2024	SCIE Q1 impact factor 8.2	Science of The Total Environment	1879-1026	https://doi.org/10.1016/j.scitotenv.2024.171551	https://www.sciencedirect.com/journal/science-of-the-total-environment
43	Dr. Monika Dagliya	Assessment of economic performance of an industrial building using life cycle cost & refined benefit-cost analysis – A case study	4/15/2024	SCIE Q1 impact factor 6.7	Journal of Building Engineering	2352-7102	https://doi.org/10.1016/j.jobee.2023.108397	https://www.sciencedirect.com/journal/journal-of-building-engineering
44	Dr. Rewa Bochare	Assessment of economic performance of an industrial building using life cycle cost & refined benefit-cost analysis – A case study	4/15/2024	SCIE Q1 impact factor 6.7	Journal of Building Engineering	2352-7102	https://doi.org/10.1016/j.jobee.2023.108397	https://www.sciencedirect.com/journal/journal-of-building-engineering
45	Dr. Pragya Nema	<u>Optimization of PID controller parameters for an SMIB system using a hybrid butterfly particle swarm optimization approach</u>	4/1/2024	Scopus Im,pact factor 2.4	International Journal of Advanced Technology and Engineering Exploration	2394-5443	http://dx.doi.org/10.19101/IJATEE.2023.10102286	https://accentsjournals.org/paperInfo.php?journalPaperId=1654
46	Dr. Pragya Nema	Modelling for forecasting energy consumption using SBO optimization and machine learning	3/30/2024	Scopus Q2	Journal of Information and Optimization Sciences , Taylor and Francis	2394-5443	https://doi.org/10.19101/IJATEE.2023.10102286	https://www.tandfonline.com/journals/tios20
47	Dr. Pritika Bahad	Techniques and Tools of Data Visualization in Mobile Cloud Environment—A Survey	1/3/2024	Scopus- Springer	Lecture Notes in Networks and Svstems	2367-3389	https://doi.org/10.1007/978-981-99-6547-2_36	https://link.springer.com/chapter/10.1007/978-981-99-6547-
48	Dr. Monika Dagliya	Large scale study on influence of biopolymer to mitigate wind induced sand erosion with durability analysis	1/2/2024	SCI-Q1, Impact Factor: 6.1	Soil & Tillage Research	1879-3444	https://doi.org/10.1016/j.still.2023.105942	https://www.sciencedirect.com/journal/soil-and-tillage-research
49	Atul Barve	A hybrid deep learning based enhanced and reliable approach for VANET intrusion detection system	01/07/2024	SCI-Q1-Impact Factor 3.6	Cluster Computing	1573-7543, 1386-7857	https://doi.org/10.1007/s10586-024-04634-w	https://link.springer.com/article/10.1007/s10586-024-04634-w#citeas



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50	Atul Barve	A Clustering Approach for Attack Detection and Data Transmission in Vehicular Ad-hoc Networks	02/01/2024	SCI-Q3-SCI-Impact Factor 0.9	Ad-Hoc and Sensor Wireless Networks	127-149	DOI: 10.32908/ahswn.v58.10375	https://www.oldcitypublishing.com/journals/ahswn-home/ahswn-issue-contents/ahswn-volume-58-number-1-2-2024/21719-2/
51	Dr. Pragya Nema	Innovative Approach to Enhance Stability: Neural Network Control and Aquila Optimization Integration in Single Machine Infinite Bus Systems	01/04/2024	Scopus Impact factor1.9	Advance in Technology Innovation	2518-2994	https://doi.org/10.46604/aiti.2024.13360	https://ojs.imeti.org/index.php/AITI/article/view/13360
52	Dr. Hemant Sharma	Comparative analysis for selection of best methodology in determining the lean enabled supply chain agility: an AHP & fuzzy SWARA-WASPAS based approach	06/09/2024	Q2-SCI-Impact Factor 3.92	International Journal of Quality & Reliability Management	0265-671X	https://doi.org/10.1108/IJQRM-03-2024-0081	https://www.emerald.com/insight/content/doi/10.1108/ijqrm-03-2024-0081/full/html
53	Dr. Charu Vaibhav Verma	Artificial Intelligence Empowered Language Models: A Review	26/2/2024	Scopus	Advances in Data-Driven Computing and Intelligent Systems	978-981-99-9524-0	https://doi.org/10.1007/978-981-99-9524-0_40	https://link.springer.com/chapter/10.1007/978-981-99-9524-0_40
54	Dr. Yakuta Tayyebi	Artificial Intelligence Empowered Language Models: A Review	26/2/2024	Scopus	Advances in Data-Driven Computing and Intelligent Systems	978-981-99-9524-1	https://doi.org/10.1007/978-981-99-9524-0_40	https://link.springer.com/chapter/10.1007/978-981-99-9524-0_40
55	Dr. Aradhana Negi	Artificial Intelligence Empowered Language Models: A Review	26/2/2024	Scopus	Advances in Data-Driven Computing and Intelligent Systems	978-981-99-9524-2	https://doi.org/10.1007/978-981-99-9524-0_40	https://link.springer.com/chapter/10.1007/978-981-99-9524-0_40
56	Prof. Ajay Jaiswal	Methodologies for Estimating the Cost of Software Projects: An Overview of the Many Different Methods for Estimating Cost	22/10/2024	Springer	AI Technologies for Information Systems and Management Science	978-3-031-70788-9	https://doi.org/10.1007/978-3-031-70789-6_23	https://link.springer.com/chapter/10.1007/978-3-031-70789-6_23#citeas
57	Dr. Charu Vaibhav Verma	Opening Up the Next Generation of Convolutional Neural Networks (CNN) for Palm Recognition	23/09/2024	Scopus	Real-Time Data Decisions With AI and ChatGPT Techniques	9798369322840	10.4018/979-8-3693-2284-0.ch011	https://www.igi-global.com/chapter/opening-up-the-next-generation-of-convolutional-neural-networks-cnn-for-palm-recognition/357197



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58	Rupali Pathak	Performance Measurement and Analysis of Soil Quality using IoT	October 2024	Scopus	International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud) (I-SMAC)		10.1109/I-SMAC61858.2024.10714691	https://ieeexplore.ieee.org/document/10714691
59	Rupali Pathak	Exploring Image Segmentation approaches for medical analysis	7/1/2024	Scopus	CRC Press	9781003471059	https://www.taylorfrancis.com/chapters/oa-edit/10.1201/9781003471059-42/exploring-image-segmentation-approaches-medical-image-analysis-rupali-pathak-hemant-makwana-neha-sharma	https://www.taylorfrancis.com/chapters/oa-edit/10.1201/9781003471059-42/exploring-image-segmentation-approaches-medical-image-analysis-rupali-pathak-hemant-makwana-neha-sharma
60	Rupali Pathak	Study of exascale computing: Advancements, challenges, and future directions	June 2024	Scopus	Applied Data Science and Smart Systems	9781003471059		https://www.researchgate.net/publication/381392387_Study_of_exascale_computing_Advancements_challenges_and_future_directions
61	Prof. Mahendra R. Jadhav	Breath-based biosensors and system development for noninvasive detection of diabetes: A review	20/12/2023	ESCI Q1 Impact Factor 3.4	Diabetes & Metabolic Syndrome: Clinical Research & Reviews	1878-0334	https://doi.org/10.1016/j.dsx.2023.102931	https://www.sciencedirect.com/science/article/abs/pii/S1871402123002278
62	Prof. Mahendra R. Jadhav	Unraveling the low-frequency triggered electromagnetic signatures in potentized homeopathic medicine	12/3/2023	SCI Q1 Impact Factor 4.6	Materials Science and Engineering: B	1873-4944	https://doi.org/10.1016/j.mseb.2023.116365	https://www.sciencedirect.com/science/article/abs/pii/S0921510723001071
63	Dr. Nikita Ramachandra	An efficient power extraction approach for roof-top photovoltaic systems under immobile shade scenarios	12/1/2023	SCI-Q1, Impact Factor 10	Journal of Cleaner Production	0959-6526	https://doi.org/10.1016/j.jclepro.2023.139312	https://www.sciencedirect.com/science/article/abs/pii/S0959652623034704
64	Dr. Rewa Bochare	Packaging waste trends in the age of sustainability: a case study of online shopping behaviour pre and post-COVID	11/27/2023	SCIE Q1 impact factor 4.7	Environment, Development and Sustainability	1573-2975	https://doi.org/10.1007/s10668-023-04238-1	https://link.springer.com/journal/10668



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65	Dr. Pragya Nema	A novel topology for power quality improvement using EPO incremental conductance MPPT controller for SPV system with 51-level inverter	10/1/2023	Scopus Q2	Electrical Engineering	3363–3382	https://doi.org/10.1007/s00202-023-01878-4	https://link.springer.com/article/10.1007/s00202-023-01878-4
66	Dr. Monika Dagliya	Rock-like strength enhancement of Indian desert sand using commercially available polysaccharide biopolymers	9/18/2023	SCIE Q1 impact factor 4.96	Soil Use and Management	1475-2743	https://doi.org/10.1111/sum.12970	https://bsssjournals.onlinelibrary.wiley.com/doi/10.1111/sum.12970
67	Dr. Monika Dagliya	Optimization of growth medium for microbially induced calcium carbonate precipitation (MICP) treatment of desert sand	6/10/2023	SCI-Q2, Impact Factor: 2.7	Journal of Arid Land	2194-7783	https://doi.org/10.1007/s40333-023-0018-3	https://link.springer.com/journal/40333
68	Dr. Pragya Nema	Optimization of solar energy using MPPT techniques and industry 4.0 modelling	1/1/2023	ScopusQ1 impact factor 2.19	Sustainable Operations and Computers	2666-4127	https://doi.org/10.1016/j.susoc.2022.10.001	https://www.sciencedirect.com/science/article/pii/S2666412722000265?via%3Dihub
69	Dr. Uma Shankar Prasad	Study of vapor compression refrigeration system with suspended nanoparticles in the low GWP refrigerant	2023	Q1-SCI-Impact Factor 5.8	Environmental Science and Pollution Research		https://doi.org/10.1007/s11356-023-30596-4	https://doi.org/10.1016/j.pmcej.2025.102049
70	Dr. Uma Shankar Prasad	Experimental and Simulation Study of the Latest HFC/HFO and Blend of Refrigerants in Vapour Compression Refrigeration System as an Alternative of R134a.	2023	Q2-SCI-Impact Factor 3.5	Processes		https://doi.org/10.3390/pr11030814	https://doi.org/10.3390/pr11030814
71	Dr. Hemant Shamra	A fuzzy SWARA-WASPAS based approach for determining the role of lean practices in enabling the supply chain agility	2023	Q2-SCI-Impact Factor 2.75	International Journal of Systems Assurance Engineering and Management	09764348, 09756809	https://doi.org/10.1016/j.susoc.2022.10.001	https://link.springer.com/article/10.1007/s13198-023-01881-9
72	Dr. Hemant Sharma	Structural Modeling of Lean Supply Chain Enablers: A hybrid AHP and ISM-MICMAC based approach	2023	Q2-SCI-Impact Factor 3.86	Journal of Engineering Design and Technology	1726-0531	https://doi.org/10.1108/JEDT-08-2021-0419	https://www.emerald.com/jedt/article-abstract/21/6/1658/454416/Structural-modeling-of-lean-supply-chain-enablers?redirectedFrom=fulltext



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S.NO	Name of the Faculty	Paper Title	Year	Scopus / Q1 / Q2	Full Journal Name	ISSN / ISBN	DOI	Website Link
73	Prof. Ajay Jaiswal	A Hybrid Cost Estimation Method for PlanningSoftwareProjectsUsingFuzzyLogica ndMachineLearning	01/11/2023	Scopus	International Journal of Intelligent Systems and Applications in Engineering	2147-679921	https://ijisae.org/index.php/IJISAE/article/view/4167/2807	https://ijisae.org/index.php/IJISAE/article/view/4167/2807
74	Prof. Ajay Jaiswal	A Hybrid Cost Estimation Method for PlanningSoftwareProjectsUsingFuzzyLogicand MachineLearning	01/11/2023	Scopus	International Journal of Intelligent Systems and Applications in Engineering	2147-679921	https://ijisae.org/index.php/IJISAE/article/view/4167/2807	https://ijisae.org/index.php/IJISAE/article/view/4167/2807
75	Dr. Amita Jain	IMPACT OF ATMANIRBHAR BHARAT ABHIYAN ON INDIAN BUYER'S MINDSET: A LEXICON SENTIMENT ANALYSIS, SUPERVISED MACHINE LEARNING AND HYBRID ENSEMBLE LEARNING APPROACH	2023	Scopus	International Journal of Applied Engineering & Technology	2633-4828	https://romanpub.com/resources/ijaet20v5-4-2023-263.pdf	https://romanpub.com/resources/ijaet20v5-4-2023-263.pdf
76	Rupali Pathak	Medical Image Segmentation Using Improved Energy Based Model	November 2023	Scopus	Journal of Engineering Science and Technology Review 16 (6) (2023) 73 - 81			https://www.jestr.org/downloads/Volume16/Issue6/fulltext91662023.pdf
77	Rupali Pathak	Examining approaches to image segmentation in medical image analysis	October 2023	Scopus	PROCEEDINGS OF THE 4TH INTERNATIONAL CONFERENCE ON CONDENSED MATTER & APPLIED PHYSICS: ICC2023			https://pubs.aip.org/aip/acp/article-abstract/3149/1/140003/3308693/Examining-approaches-to-image-segmentation-in?redirectedFrom=fulltext
78	Dr. Amita Jain	Study on Indian Buyers' mindset in context of vocal for local using sentimnt analysis	2022-23	Scopus	SCOPE			https://drive.google.com/file/d/1jf4avNEYqcTeOS_gMjsdFMY939hn7mk1/view?usp=drive_link
79	Dr. Amita Jain	Study of Opinions on Features of Non-Indian Brands Using NLTK and Aspect Based Sentiment Analysis	2022-24	UGC	International Journal of Enhanced Research in Management & Computer Applications	2319 - 7471		https://drive.google.com/file/d/1fvFgV5J_JLeI1kj-WmlOqf3hkkXMfL9z/view?usp=drive_link
80	Dr. Nikita Ramachandra	Productivity Enhancement of Total-Cross-Tied PV Array Under Static Shade Conditions	11/16/2022	SCI-Q1, Impact Factor 6.5	IEEE Transactions on Power Electronics	1941-0107	https://doi.org/10.1109/TPEL.2022.3221914	https://ieeexplore.ieee.org/abstract/document/9953579



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81	Dr. Monika Dagliya	Experimental study on mitigating wind erosion of calcareous desert sand using spray method for microbially induced calcium carbonate precipitation	10/5/2022	Q1 impact factor 9.4	Journal of Rock Mechanics and Geotechnical Engineering	2589-041	https://doi.org/10.1016/j.jrmge.2021.12.008	https://www.sciencedirect.com/journal/journal-of-rock-mechanics-and-geotechnical-engineering
82	Dr. Monika Dagliya	Biopolymer based stabilization of Indian desert soil against wind-induced erosion	9/7/2022	Q2 Impact Factor 2	Acta Geophysica	1895-7455	https://doi.org/10.1007/s11600-022-00905-5	https://link.springer.com/journal/11600
83	Dr. Rewa Bochare	Regional recalibration of reservoir storage and yield models for India — a case study	3/30/2022	SCIE Q2 impact factor 1.8	Arabian Journal of Geosciences	1866-7538	https://doi.org/10.1007/s12517-022-09926-2	https://www.springer.com/journal/12517
84	Dr. Monika Dagliya	Experimental Study on Optimization of Cementation Solution for Wind-Erosion Resistance Using the MICP Method	2/3/2022	Q1 impact factor 3.3	Sustainability	2071-1050	https://doi.org/10.3390/su14031770	https://www.mdpi.com/2071-1050/14/3/1770
85	Dr. Hemant Sharma	Comparative analysis of ranking the lean supply chain enablers: An AHP, BWM and fuzzy SWARA based approach	2022	Q2-SCI-Impact Factor 3.92	International Journal of Quality & Reliability Management	0265-671X	https://doi.org/10.1108/IJQRM-04-2021-0114	https://www.emerald.com/ijqrm/article-abstract/39/9/2252/141684/Comparative-analysis-of-ranking-the-lean-supply?redirectedFrom=fulltext