

**Scopus Index Journal Papers (2023-24)**

Sr. No	Authors	Title	Journal and publisher name	Volume, Issue, ISSN, Page No, Year of Publication	Indexing (SCIE/SSCI/AHCI/ESCI/Scopus), if not index, write no	Department in abbreviation	Session	DOI (in the form of link)
1	Ashwini Singh, Vaibhava Srivastava, Sachin Singh, Sadanand, Shambhavi Rai, Pooja Lohia, D. K. Dwivedi, Surbhi Agarwal, Mohamed Ouladsmane, M. Khalid Hossain	Optimization of highly efficient inorganic lead-free double perovskite solar cells via SCAPS-1D	Journal of Optics	Vol&Issue (in Progress), 0972-8821, 1-13, 2023	ESCI	AS&H	2023-24	<a href="https://doi.org/10.1007/s12596-023-01440-2">https://doi.org/10.1007/s12596-023-01440-2</a>
2	P. Chauhan, S. Agarwal, V. Srivastava, Sadanand, M. K. Hossain, R. Pandey, J. Madan, P. Lohia, D.K. Dwivedi and M. Amami	Attaining above 30% efficiency of PbS-based colloidal quantum dot solar cell using MoO <sub>3</sub> and SnO <sub>2</sub> as charge transport layers: a numerical approach	Journal of Optics	Vol&Issue (in Progress), 0972-8821, 1-12, 2023	ESCI	AS&H	2023-24	<a href="https://doi.org/10.1007/s12596-023-01449-7">https://doi.org/10.1007/s12596-023-01449-7</a>
3	V. K. Chopra, Rajeev Kumar Mishra, V. K. Dwivedi, B. Mohapatra	An allusive realization on the performance analysis of glass to glass, glass to tedlar and aluminum base flexible photovoltaic (PV) module	Journal of Thermal Engineering	Vol. 9, No. 4, 2148-7847, pp. 1-12, 2023	ESCI	AS&H	2023-24	<a href="https://doi.org/10.18186/thermal.1331944">https://doi.org/10.18186/thermal.1331944</a>
4	A. Anjum, Rajni Garg, M. Kashif, N.O.Eddy	Nano-scale innovations in packaging: Properties, types, and applications of nanomaterials for the future	Food Chemistry Advances	Vol 3, Issue 1	Scopus	AS&H	2023-24	<a href="https://doi.org/10.1016/j.focha.2023.100560">https://doi.org/10.1016/j.focha.2023.100560</a>
5	Ansar Anjum, Rajni Garg, Mohd Kashif, Nnabuk Okon Eddy	Nano-scale innovations in packaging : Properties, types, and applications of nanomaterials for the future	Food Chem Adv.	Volume 3, Issue Nov, 100560, ISSN: 2772-753X, year 2023	SCOPUS	AS&H	2023-24	<a href="https://doi.org/10.15446/rcciquifa.v5i2.106817">https://doi.org/10.15446/rcciquifa.v5i2.106817</a>
6	Sharma, Rajat, Suman Lata, and Rajni Garg	Valorisation of Agricultural Waste and Their Role in Green Synthesis of Value-Added Nanoparticles	Environmental Technology Reviews	Volume 13, Issue 1, ISSN: 2162-2523, pp. 40-59, year 2024	SCOPUS	AS&H	2023-24	<a href="https://doi.org/10.1080/21622515.2023.2283412">https://doi.org/10.1080/21622515.2023.2283412</a>
7	Sumit .Faujdar, Pankaj. Pathania, Aman Preet, Jyoti. Katyal	Responsive PNIPAM coated Au core-shell nanoparticle for optical sensing	Bulgarian Chemical Communications	Volume 55, Issue A ,pp. 267-271, Year 2023	SCOPUS	AS&H	2023-24	<a href="https://doi.org/10.34049/bcc.55.A.0041">https://doi.org/10.34049/bcc.55.A.0041</a>
8	Mona Mittal,Smriti Tripathi, Dong Kil Shin	Biopolymeric Nanocomposites for Wastewater Remediation: An Overview on Recent Progress and Challenges	Polymers MDPI	Volume 16(2), 294. Year 2024	SCOPUS	AS&H	2023-24	<a href="https://doi.org/10.3390/polym16020294">https://doi.org/10.3390/polym16020294</a>
9	Chiranjib Chakraborty, Bidyut Mallick, Manojit Bhattacharya, Siddappa N Byrareddy	SARS-CoV-2 Omicron Spike shows strong binding affinity and favourable interaction landscape with the TLR4/MD2 compared to other variants	Journal of Genetic Engineering and Biotechnology, Elsevier	Volume 22, Issue 1, ISSN: 2090-5920, PP.100347, Year 2024	SCOPUS	AS&H	2023-24	<a href="https://doi.org/10.1016/j.jgeb.2023.100347">https://doi.org/10.1016/j.jgeb.2023.100347</a>
10	Rajeev Kishore, Padam Singh	Stability of Predator-Prey Model for Worm Attack in Worm attack in Wireless sensor networks	Applications and Applied Mathematics An international Journal (AAM)	volume 19 issue - 3,special issue-12, March 2024	ESCI	ASH	2023-24	

11	Garg R, Sharma R, Puria D, Nnabuk Okon Eddy	Analysis of phytochemical composition, antioxidant activity, and $\beta$ -glucuronidase inhibition potential of <i>Arisaema tortuosum</i> leaf extract	Rev Colomb Cienc Quím Farm	. 2023; Vol. 52(2), pp:414–31.	Scopus	ASH	2023-24	<a href="https://doi.org/10.15446/rcciquifa.v52n2.106817">https://doi.org/10.15446/rcciquifa.v52n2.106817</a>
12	Garg, Rajni, C. P. Gandhi, and Nnabuk Okon Eddy	Neutrosophic Cross Entropy-Based Discrimination of Antioxidant Potential and Polyphenolic Contents of <i>Arisaema Tortuosum</i>	Neutrosophic Sets and Systems	VOL 61:, pp 69–88. 2024	SCOPUS	ASH	2023-24	<a href="https://doi.org/10.5281/zenodo.10428595">https://doi.org/10.5281/zenodo.10428595</a>
13	Nasim, S. M., Mujeeba, Amir, S. M., Khan & Ali, Z.	Exploring pedagogical perspectives of EFL instructors: advantages, disadvantages, and implications of Blackboard as an LMS for language instruction.	Cogent Social Sciences	Volume 10, Issue - 1, 10 Feb 2024	ESCI	ASH	2023-24	<a href="https://doi.org/10.1080/23311886.2024.2312659">https://doi.org/10.1080/23311886.2024.2312659</a>
14	Dr. Arun Kumar Rana	Mathematical modeling and parameter analysis of quantum antenna for IoT sensor-based biomedical applications	Journal of Autonomous Intelligence	2023	Scopus	CSE	2023-24	<a href="https://doi.org/10.32629/jai.v6i2.578">https://doi.org/10.32629/jai.v6i2.578</a>
15	Dr. Arun Kumar Rana	Enhance traffic flow prediction with Real-Time Vehicle Data Integration	Journal of Autonomous Intelligence	2023	Scopus	CSE	2023-24	<a href="https://doi.org/10.32629/jai.v6i2.578">https://doi.org/10.32629/jai.v6i2.578</a>
16	Dr. Arun Kumar Rana	A Blockchain-based secure Internet of Medical Things framework for smart healthcare	Journal of Autonomous Intelligence	2023	Scopus	CSE	2023-24	<a href="https://doi.org/10.32629/jai.v6i2.574">https://doi.org/10.32629/jai.v6i2.574</a>
17	Mr. Aniruddh Kumar	OHE2LM: A Hybrid Approach Towards Heart Attack Prediction using One-Hot Encoding based Extreme Learning Machine Model	International Journal on Recent and Innovation Trends in Computing and Communication	2023	Scopus	CSE	2023-24	<a href="https://doi.org/10.17762/ijritcc.v11i10.8808">https://doi.org/10.17762/ijritcc.v11i10.8808</a>
18	Dr. Sanjay Kumar(Second Author)	Metasurface Instrumented High Gain and Low RCS X-Band Circularly Polarized MIMO Antenna for IoT Over Satellite Application	IEEE Transactions on Instrumentation and Measurement	2023	IEEE	CSE	2023-24	10.1109/TIM.2023.3287241
19	DR SHASHI KANT SINGH	AUTOMATED ATTENDENCE MANAGEMENT SYSTEM	IEEE	2023	Scopus	CSE	2023-24	IEEE CONFERENCE RECORD 60023
20	DR SHASHI KANT SINGH	STOCK PRICE PREDICTION USING LSTM	IEEE	2023	Scopus	CSE	2023-24	IEEE CONFERENCE RECORD 60023
21	Sachin Kumar	A trustworthy data collection approach from sensor nodes using trust score of mobile vehicles for smart city	Security and Privacy	2024	ESCI	CSE	2023-24	<a href="https://doi.org/10.1002/spy.2.382">https://doi.org/10.1002/spy.2.382</a>
22	Dr. Sambit Satpathy, Mohit Chowdhary	A collective review of Terahertz technology integrated with a newly proposed split learning based algorithm for healthcare system	University of Bahrain Journals	2024	Scopus	CSE	2023-24	<a href="https://journal.uob.edu.bh/handle/123456789/5415">https://journal.uob.edu.bh/handle/123456789/5415</a>
23	Sajad Ahmad Wani, Shahida Khatoon, Ibraheem, Mohammad Shahid, Farhat Nasim	Motion Control of Autonomous Mobility System Using Fuzzy-PID Controller	Tuijin Jishu/Journal of Propulsion Technology	ISSN: 1001-4055 Vol. 45 No. 2 (2024)	SCOPUS	EE	2023-24	<a href="https://www.propulsiontechjournal.com/index.php/journal/article/view/6799">https://www.propulsiontechjournal.com/index.php/journal/article/view/6799</a>
24	Farhat Nasim, Shahida Khatoon, Ibraheem, Mohammad Shahid, Shreya Baranwal, Sajad Ahmad Wani	Ziegler-Nichols Based Controller Optimization for DFIG Wind Turbines	Tuijin Jishu/Journal of Propulsion Technology	ISSN: 1001-4055 Vol. 45 No. 2 (2024)	SCOPUS	EE	2023-24	<a href="https://doi.org/10.52783/tjpt.v45.i02.6966">https://doi.org/10.52783/tjpt.v45.i02.6966</a>

25	Abhinav Saxena, Anuradha Gupta, Md. Sajid Khan, Amit Kumar Sharma, Siddharth Kumar Yadav, Abhishek Kumar Srivastava	A Novel Strategic Design and Optimal Controlling of Linear Quadratic Regulator for Electric Vehicle	Journal of The Institution of Engineers (India): Series B Category: Q3, Hybrid Open Access	105, ISSN: 2250-2114, 41-52, 2024	SCOPUS	EE	2023-24	<a href="https://doi.org/10.1007/s40031-023-00943-7">https://doi.org/10.1007/s40031-023-00943-7</a>
26	Nageswara Rao Gali, Singamaneni Krishnapriya, G. Kirubasri, Mahendra T. Jagtap, A. V. G. A. Marthanda, Mohammad Shahid	Artificial Intelligence-Powered Electric Vehicle's Battery Management System with IoT	International Journal of Intelligent Systems and Applications in Engineering International Journal of Intelligent Systems and Applications in Engineering	12-25	Scopus	EE	2023-24	<a href="https://ijisae.org/index.php/IJISAE/article/view/3651">https://ijisae.org/index.php/IJISAE/article/view/3651</a>
27	Kailash Kumar Mahto, Bidyut Mahato, Bikramaditya Chandan, Durbanjali Das, Priyanath Das, Swati Kumari, Vasiliki Vita, Christos Pavlatos, Georgios Fotis	A Modified Criss-Cross-Based T-Type MLI with Reduced Power Components	Technologies, MDPI	12(2)	Esci	EEE	2023-24	<a href="https://www.mdpi.com/2227-7080/12/6/90">https://www.mdpi.com/2227-7080/12/6/90</a>
28	Preety, Ray Sachin Kumar, Yadav Meenakshi, Khare, Akhilendra & Mishra Vidhushi	Statistic analysis of IPL match score and winner inning wise using machine learning algorithms	Journal of Interdisciplinary Mathematics	ISSN:0972-0502, Volume: 27:issue 2, page number 245-258, 2024	Scopus	IT	2023-24	10.47974/JIM-1819.
29	Singh, A., Lakshmi, N.	Review on impact of corporate social responsibility on employee motivation, job satisfaction, and organisational commitment	International Journal of Electronic Finance, Inderscience Publisher	12(4), pp. 455-469	SCOPUS	MBA	2023-24	10.1504/IJEF.2024.10055530
30	Kumari, A., Khan, M., Lakshmi, N.	Assessing antecedents of individual readiness to adopt knowledge management in higher educational institutions	Cogent Business and Management, Taylor and Francis	10(2), 2238393	SCOPUS	MBA	2023-24	<a href="https://doi.org/10.1080/23311975.2023.2238393">doi.org/10.1080/23311975.2023.2238393</a>
31	Srivastava, S., Khan, M., Kumari, A., Jain, A.K.	Does workplace ostracism lead to workplace withdrawal? Testing the moderating-mediating effects of rumination and mindfulness in Indian hospitality industry	Journal of Organizational Effectiveness, Emerald Publishing	under Printing	SCOPUS/ABDC	MBA	2023-24	<a href="https://doi.org/10.1108/JOE-PP-08-2023-0328">https://doi.org/10.1108/JOE-PP-08-2023-0328</a>
32	Hemrajani, P., Rajni, Khan, M., Dhiman, R	Financial risk tolerance: A review and research agenda	European Management Journal, Elsevier	41(6), pp. 1119-1133	SCOPUS/ABDC/SCI	MBA	2023-24	<a href="https://doi.org/10.1016/j.emj.2023.10004">https://doi.org/10.1016/j.emj.2023.10004</a>
33	Srivastava, S., Khan, M., Singh, A., Jain, A.K.	A study of workplace bullying and coping strategies in hospitality sector: role of moral injury and inclusive leadership	Journal of Organizational Effectiveness, Emerald Publishing	under Printing	SCOPUS/ABDC	MBA	2023-24	<a href="https://doi.org/10.1108/JOEPP-03-2023-0069">doi/10.1108/JOEPP-03-2023-0069</a>
34	Muskan Khan, Rajni, Pragati Hemrajani, Neha Naagar	Antecedents and Consequences of Millennial Engagement: Evidence from IT Business Professionals	International Journal of Business and Globalisation (1753-3627), Inderscience Publishing	under Printing	SCOPUS	MBA	2023-24	10.1504/IJBG.2023.10053315 inderscience.com/info/ingeneral/forthcoming.php?jcode=ijbg
35	Muskan Khan, Neha Nagar, Manuha Nagpal, Deepika Chaudhary	Information Technology Entrepreneurs, Leadership Styles and Employee Engagement: Examining Mediating Effect of Artificial Intelligence	International Journal of Entrepreneurship and Small Business	under Printing	SCOPUS	MBA	2023-24	10.1504/IJESB.2023.10059067
36	Muskan Khan, A Kumari, P Aggarwal, B Bhati	Knowledge management positioning in the information science era: Bibliometric analysis for the time frame from 2000-2023	EAI Endorsed Transactions on Scalable Information Systems	under Printing	SCOPUS	MBA	2023-24	<a href="https://doi.org/10.4108/eetsis.4769">https://doi.org/10.4108/eetsis.4769</a>

37	Swati Singh, Priyanka Chauhan, Monika Mahlawat	Mathematical Modeling for Non-Linear Behavioral Analysis of Job Embeddedness on Organization with Improved Statistical Tools	Advances in Nonlinear Variational Inequalities	Vol. 27 No. 1 (2024)	SCOPUS	MBA	2023-24	<a href="https://doi.org/10.52783/ansi.v27.354">https://doi.org/10.52783/ansi.v27.354</a>
38	Pawan Kumar Arora, Yogesh Shrivastava & Harish Kumar	Optimising FDM printing parameters for improved tensile properties in 3D printed ASTM D638 standard samples	Australian Journal of Mechanical Engineering	2023	ESCI/SCOPUS	ME	2023-24	<a href="https://doi.org/10.1080/14484846.2023.2283663">https://doi.org/10.1080/14484846.2023.2283663</a>
39	Ankit Jain, Cheruku Sandesh Kumar and Yogesh Shrivastava	An Effort for Identifying Suitable Machining Range During Drilling of a Novel Al-Based Composite Using Electric Discharge Machine	Int. J. Exp. Res. Rev, IAPH	Vol. 36: 327-346 (2023)	SCOPUS	ME	2023-24	<a href="https://doi.org/10.52756/ijerr.2023.v36.030">https://doi.org/10.52756/ijerr.2023.v36.030</a>
40	Yogesh Shrivastava, Pawan Kumar Arora & Harish Kumar	An effort for maximizing the material removal rate during the wire cutting of difficult to machine Inconel X750 using electric discharge machining process	Journal of Polymer and Composites, STM Publisher		ESCI	ME	2023-24	<a href="https://journals.stmjournals.com/jopcc/article=2024/view=131243/">https://journals.stmjournals.com/jopcc/article=2024/view=131243/</a>
41	Vikram sharma, Naveen virmani and Pawan kumar arora	Analysis and assessment of humanitarian supply chain barriers for disaster and crisis management using hybrid approach	International journal of process management and benchmarking, Inder Science	2024, 1741-816X, 296-317, 2024	SCOPUS	ME	2023-24	<a href="https://www.inderscience.com/info/inarticle.php?artid=136466">https://www.inderscience.com/info/inarticle.php?artid=136466</a>
42	Pankaj Gupta, Bhagat Singh, Yogesh Shrivastava	Tool Chatter Diagnosis using EMD and LMD Techniques: A Comparative Study	EVERGREEN	Vol. 11, Issue 02, pp1216-1226, June, 2024	SCOPUS	ME	2023-24	<a href="https://drive.google.com/file/d/1CHaWh7qXlobOLauqh6lFBuOF/view?usp=drive_link">https://drive.google.com/file/d/1CHaWh7qXlobOLauqh6lFBuOF/view?usp=drive_link</a>
43	Vineet Dubey, Kuldeep Pandey, Harish Kumar, Pawan Kumar Arora, Jitendra Kumar Katiyar, Anuj Kumar Sharma	Tribological Behaviour of AISI 304 Steel on Electrodeposited Hard Chrome Coated Steel	EVERGREEN	Vol. 11, Issue 02, pp1210-1215, June, 2024	SCOPUS	ME	2023-24	<a href="https://drive.google.com/file/d/1j4GSuhBl6jKDabHdLLMRT2-LSqwHlcuH/view?usp=drive_link">https://drive.google.com/file/d/1j4GSuhBl6jKDabHdLLMRT2-LSqwHlcuH/view?usp=drive_link</a>
44	Arunesh Chandra, Pawan Kumar Arora	Study on Ergonomic Risk Assessment of Welding Workers using - RULA	EVERGREEN	Vol. 11, Issue 02, pp1240-1247, June, 2024	SCOPUS	ME	2023-24	<a href="https://drive.google.com/file/d/1Et9xahnmiirHt5o3KtbVqe-j9NPD_dI/view?usp=drive_link">https://drive.google.com/file/d/1Et9xahnmiirHt5o3KtbVqe-j9NPD_dI/view?usp=drive_link</a>