

3.3.1 Number of research papers published per teacher in the Journals notified on UGC CARE list during the last five years

Sr. No	Title of paper	Name of the author/s	Department of the teacher	Name of journal	Calendar Year of publication	ISSN number	Link to the recognition in UGC. List of the Journal / Digital Object Identifier (doi) number		
							Link to website of the Journal	Link to article / paper / abstract of the article	Is it listed in UGC Care list
1	Revolutionizing Plant Tissue Culture: Harnessing Artificial Intelligence for Precision Propagation and Optimization	Dr. Payal	ECE	The Natural Products Journal	2024	2210-3155	https://benfamscience.com/publications/the-natural-products-journal/	https://benfamscience.com/article/140790	SCOPUS and ESCI (IF- 0.7)
2	Charge Transport in Semiconductor Heterogeneous Structure at Oxide Interface by Inserting a Functional Layer	Dr. Aditi Sharma	ECE	IEEE Xplore	2024	2473-2001	10.1109/WSPNET61464.2024.10533100	https://ieeexplore.ieee.org/document/10533100	Yes
3	Enhancing Data Analytics Through the Integration of Cloud Computing, Artificial Intelligence and Machine Learning	Mrinal	Computer Science	International Research Journal of Modernisation in Engineering Technology and Science	2024	2582-5208	https://www.ijmets.com/contents/ijmets/vol-10-no-01-2024/ijmets-vol-10-no-01-2024-p-0899-0904	https://www.ijmets.com/contents/ijmets/vol-10-no-01-2024/ijmets-vol-10-no-01-2024-p-0899-0904	
4	Industrial and Market Opportunities in Hybrid Additive Manufacturing	Mr. Pardeep	Mechanical Engineering	Innovation and Emerging Technologies	2023	2737-5994		https://www.worldscientific.com/doi/10.1142/S2737599423401029	E-SCI
5	Hydro-informatics for drainage management in a smart city using artificial intelligence, IoT and machine learning	Mr. Sandeep Chhillar	Mechanical Engineering	AIP Conference Proceeding	2023	1551-7616		https://pubs.aip.org/aip/scp/article-abstract/2800/1/020053/7910027?https://doi.org/10.1063/1.5000000	Web of Science, scopus
6	Performance Comparison of Different Optical Amplifiers in Mitigating The Attenuation Effects in FSOC	Dr. Payal	ECE	Journal of Optics	2023	1264-1272	https://link.springer.com/journal/12596	https://link.springer.com/article/10.1007/s12596-023-01238-2	SCOPUS (IF- 1.6)
7	Secured Cloud Data Sharing/Privacy-Preserving Storage Optimization with Data Confidentiality	Mrinal	Computer Science	International Journal of Research Publication and Reviews	2023	2582-7421	https://www.ijrp.com/submit-papers	https://ijrp.com/uploads/V4I8SSU/ER/HR/PR16463.pdf	
8	Integrating Multiple Modalities For Accurate Emotion Recognition:A Deep Learning Ensemble Approach	Mrinal	Computer Science	International Research Journal of Modernization in Engineering Technology and Science	2023	2582-5208	https://www.ijmets.com/	https://www.ijmets.com/uploaddefiles/paper/issue_7_febmar_2023/236511final/ira_ijnmets1670987765.pdf	
9	A review of Image Processing through encryption and decryption	Mrinal	Computer Science	International Journal of Multidisciplinary Research and Growth Evaluation	2023	2582-7138	https://www.ijmrdisciplinaryjournal.com/	https://www.ijmrdisciplinaryjournal.com/uploads/archives/20230214102830_A-23-81-1.pdf	

10	Plan and execution of End to end encrypted ShortMessage Service (SMS) Utilizing Hybrid Cipher Algorithm	Minal	Computer Science	International Journal of Creative Research Thoughts	2023	2320-2882	https://icrt.org/?qsd_source=1&ajid=C08C0mkJ00BhDzARbANSNcaJIn2_735ofqEibc7ZzNucWGCzQoGCTudnJVsagQNTLX1f0rlnAw3EALw_yzh	https://icrt.org/papers/ICRT2308400.pdf	
11	Deep Belief Network Model for Detection of an Outlier in Healthcare Data	Dushyant Kamshik	Computer Science	International Journal of INTELLIGENT SYSTEMS AND APPLICATIONS IN ENGINEERING	2023	2147-679921	https://ijasee.org/index.php/IJSAE	https://ijasee.org/index.php/IJSAE/article/view/3549	Scopus
12	Intiative of Hmsu towards Sustainable Developmnet: Case study of Amul Cooperatives	Dr Meenakshi Kharb	Management	Galore Knowledge Publication Pvt Ltd	2023	2456-8430	https://www.gkpublication.in	https://www.gkash.com/GHASH_Vol.7_Issue.2_April2023/GI_JASH10.pdf	
13	Real -Time Outlier Detection in Streaming Data: A Deep Learning Based Approach	Mr. Saharsh Gera	Computer Science	SSRN- American Based Research Journal	2023	2304-7151		https://papers.ssrn.com/sol3/papers.cfm?abstract_id=4421165	
14	Deep Learning Approaches for Anomaly Detection in Internet of Things Systems	Mr. Saharsh Gera	Computer Science	International Research Journal of Modernization in Engineering Technology and Science	2023	2582-5208	https://www.irjmetcs.com/	https://www.irjmetcs.com/uploadedfiles/paper/issue_2_feb_may_2023/23494/finsh/irjmetcs469386552.pdf	UGC CARE
15	Deep WeatherNet: A Scalable Deep Learning Approach for Weather Image Classification on Large Datasets	Mr. Saharsh Gera	Computer Science	International Journal of Innovative Research in Science,Engineering and Technology	2023	2347-6710	https://www.ijerainst.com/	https://www.ijerainst.com/innovative-research-science-engineering-technology.html	Peer reviewed
16	Vocal For Local: Role of Digital Influencers in Promoting Products in the Consumer Market	Dr. Meenakshi Kharb	Management	INTERNATIONAL JOURNAL OF MULTIDISCIPLINARY RESEARCH AND ANALYSIS	2023	2643-9840	https://www.ijrra.in/	https://ijrra.in/616/Dsc/3.pdf	
17	Initiative of Hmsu Towards Sustainable Development: Case Study of Amul Cooperatives	Dr. Meenakshi Kharb	Management	Galore International Journal of Applied Sciences and Humanities	2023	2456-8430	https://www.gkash.com/	https://www.gkash.com/GHASH_Vol.7_Issue.2_April2023/GI_JASH10.pdf	
18	Deep WeatherNet: A Scalable Deep Learning Approach for Weather Image Classification on Large Datasets	Ms. Ekta	Computer Science	International Journal of Innovative Research in Science,Engineering and Technology	2023	2347-6710	https://www.ijerainst.com/	https://www.ijerainst.com/innovative-research-science-engineering-technology.html	Peer reviewed
19	A Review on New Era Medical Healthcare Services with Privacy-free data Fusion and Integration Methods	Ms. Preeti Dagar	Electronics and Communication Engineering	International Journal for Research in Applied Science & Engineering Technology	2023	2321-9653	https://www.ijraset.com/	https://www.ijraset.com/best-journal/privacy-free-data-fusion-and-ming-methods-for-new-era-medical-healthcare-693065	UGC Care
20	Stress analysis of an infinite plate with single hole by using Airy's stress function	Mr. Pardeep	Mechanical Engineering	Materials Today: Proceedings	2022	2689-4598		https://doi.org/10.1016/j.matpr.2022.01.232	Scopus

21	Low Power Generation From Waste Heat Of Internal Combustion Engines By Thermoelectric Generator	Mr. Sandeep Chhillar	Mechanical Engineering	IFANS	2022	2320-7876		https://ifans.org/uploads/paper/d813f6bd198d76d1f3d28a10bed64.pdf	UGC Care
22	Performance Enhancement of Multi Beam FSO Communication System with the Application of MIMO with CO-OFDM	Dr. Payal	ECE	Journal of Optics	2022	1264-1272	https://link.springer.com/journal/12596	https://link.springer.com/article/10.1007/s12596-022-01042-4	SCOPUS (IF- 1.6)
23	Performance Enhancement of Multi channel Multi Beam FSO Communication link with the application of Reed Solomon codes	Dr. Payal	ECE	Optical and Quantum Electronics Journal	2022	0306-8919	https://link.springer.com/journal/11082	https://link.springer.com/article/10.1007/s11082-022-04144-2#~:text=With%20the%20combined%20use%20of%20beam%20diversity%20and%20communication%20system	SC1 and SCOPUS (IF- 3.3)
24	PROBING THE MAGNETO TRANSPORT PHENOMENA AND SPIN TRANSPORT PROPERTIES IN TIS	Dr. Aditi Sharma	ECE	Stochastic modeling & Applications	2022	0972-3641	https://www.rnd-publications.com	https://www.rnd-publications.com/si-2022.php	UGC care
25	MODELLING AND SIMULATION OF CHARGE TRANSPORT PHENOMENA IN GRAPHENE ON SiO2 / Si SUBSTRATE AND GRAPHENE ON COMPLEX OXIDE SUBSTRATES	Dr. Aditi Sharma	ECE	Specialism Uglymas	2022	1392-5369	https://www.scopus.com/sourceid/21100223584?origin=incoming&viewfulltext=true	https://www.scopus.com/journalid/21100223584?origin=incoming&viewfulltext=true	Scopus
26	Low Power Generation From Waste Heat Of Internal Combustion Engines By Thermoelectric Generator	Mr. Deepak Anand	Mechanical Engineering	International Journal of Food and Nutritional Sciences (IFANS)	2022	2320-7876		https://drive.google.com/file/d/1YQpZLjGjBw5MAFDlCkxmfH4k4k1S/view?usp=sharing	UGC Care
27	Low Power Generation From Waste Heat Of Internal Combustion Engines By Thermoelectric Generator	Ms. Nidhi	Applied Science	International Journal of Food and Nutritional Sciences (IFANS)	2022	2320-7877		https://drive.google.com/file/d/1YQpZLjGjBw5MAFDlCkxmfH4k4k1S/view?usp=sharing	
28	A Comparative Analysis of Machine Learning Algorithms for Cardiovascular Disease Prediction	Mr. Saharsh Gera	Computer Science	International Research Journal of Modernisation in Engineering Technology and Science	2022	2582-5208		https://www.ijmets.com/uploads/files/paper/issue_10_october_2022/30564-final_fm_ijnmets16646083.pdf	
29	Big Data: A Review	Mr. Saharsh Gera	Computer Science	International Journal of Trend in Scientific Research and Development	2022	2456-6470	https://www.ijtsrd.com/ijtsrds/papers/ijtsrds06041	https://docs.google.com/viewerng/viewer?url=https://www.ijtsrd.com/papers/ijtsrds06041.pdf	UGC CARE
30	Comparative Analysis of Classification Algorithms using WEKA	Mr. Saharsh Gera	Computer Science	International Journal of Trend in Scientific Research and Development	2022	2456-6471	https://www.ijtsrd.com/ijtsrds/papers/ijtsrds06042	https://docs.google.com/viewerng/viewer?url=https://www.ijtsrd.com/papers/ijtsrds06042.pdf	UGC CARE
31	A Study of AI based Technique in Image Processing Lakshmi Kumari	Lakshmi Kumari	Computer Science	International Journal for Multidisciplinary Research (IJFMR)	2022	2582-2160	https://www.ijfmr.com/index.php/ijfmr/article/view/11997	https://www.ijfmr.com/papers/2023/2/1997.pdf	UGC CARE
32	The New Environmentally Extended Input-Output Analysis to Measure Global Warming Potential in China	Professor (Dr.) Manoj Kumar	Mechanical Engineering	Social Science Research Network	2022	2304-7151	https://www.ssrn.com/index.cfm	https://papers.ssrn.com/sol3/papers.cfm?abstract_id=4070744	Scopus
33	DEVELOPMENT OF EMOTIONS DISCRIMINATING SYSTEM	Ms. Ekta	Computer Science	International Research Journal of Modernisation in Engineering Technology and Science	2022	2582-5208		https://www.ijmets.com/uploads/files/paper/issue_7_july_2022/28902-final_fm_ijnmets1657569766.pdf	Peer reviewed
34	A Study on Face Expression Observation Systems	Ms. Ekta	Computer Science	International Journal of Trend in Scientific Research and Development (IJTSRD)	2022	2456 - 6470	https://www.ijtsrd.com/	https://www.ijtsrd.com/papers/ijtsrd50450.pdf	Peer reviewed
35	Low Power Generation From Waste Heat Of Internal Combustion Engines By Thermoelectric Generator	Ms. Preeti Dagar	Electronics and Communication Engineering	IFANS	2022	2320-7876	https://www.ifans.org/	https://ifans.org/uploads/paper/d813f6bd198d76d1f3d28a10bed64.pdf	UGC Care
36	Econometric Models for Volatility Analysis in interdependence of Various Stock Markets	Dr. Ritza Jindal	Mathematics	Turkish online journal of qualitative inquiry	2021	1309-6591		https://drive.google.com/file/d/1kg5EgNsOx5NvXw0fB5YenG1_g4tB7c/view?usp=driveok	Scopus
37	Design of multi-beam free space optical communication system for mitigation of atmospheric and geometric nonlinearities	Dr. Payal	ECE	Journal of Optics	2021	1264-1272	https://link.springer.com/journal/12596	https://link.springer.com/article/10.1007/s12596-021-00734-7	SCOPUS (IF- 1.6)
38	Enhancing Performance of Coherent Optical OFDM FSO Communication Link Using Cascaded EDFA	Dr. Payal	ECE	Wireless Personal Communications	2021	0929-6212	https://link.springer.com/journal/11277	https://link.springer.com/article/10.1007/s11277-021-08506-z	SC1 and SCOPUS (IF- 1.9)
39	Performance Investigation of MIMO Based CO-OFDM FSO Communication Link for BPSK, QPSK and 16-QAM under the Influence of Reed Solomon Codes	Dr. Payal	ECE	Journal of Engineering and Technological Sciences	2021	2337-5729	https://journals.ibt.ac.id/index.php/ibt/article/view/14630	https://journals.ibt.ac.id/index.php/ibt/article/view/14630	SCOPUS
40	Role of Nanotechnology in Electronics: A Review of Recent Developments and Patents	Dr. Payal	ECE	Recent Patents on Nanotechnology	2021	1872-2105	https://benhamscience.com/journal/11243	https://www.cerifindirect.com/article/11340	SCIE and SCOPUS (IF- 2)
41	Bicycle Industry and Its Growth in India - A Case Study	Professor (Dr.) Manoj Kumar	Mechanical Engineering	International Journal of Case Studies in Business, IT, and Education	2021	2581-4942	https://www.ijcsipublication.com/journal/index.php/ijcsip/home	https://papers.ssrn.com/sol3/papers.cfm?abstract_id=4071441	
42	ENHANCING NETWORK SECURITY WITH MULTIPLE HANDSHAKING MECHANISM	Dushyant Kaushik	Computer Science	JOURNAL OF CRITICAL REVIEWS	2020	2394-5125	https://www.jcrview.com/editorial.php	https://www.jcrview.com/paper.php?blue=enhancing-network-security-with-multiple-handshaking-mechanism	Scopus
43	Machine Learning model for Breast Cancer Prediction	Dushyant Kaushik	Computer Science	Proceedings of the Fourth International Conference on I-SMAC (IoT in Social, Mobile, Analytics and Cloud) (I-SMAC) IEEE Xplore Part Number:CFP2005V-ART; ISBN: 978-1-7281-5464-0	2020	978-1-7281-5464-0	https://ieeexplore.ieee.org/document/9243323	https://ieeexplore.ieee.org/document/9243323	IEEE Xplore
44	Execution Analysis of LEACH-GA over LEACH and LEACH-C in WSN	Dushyant Kaushik	Computer Science	International Journal of Advanced Science and Technology	2020	2005-4238	http://www.ijast.org/journals/index.php/IJAST	http://www.ijast.org/journals/index.php/IJAST/article/view/13032	Elsevier , Scopus

