

3.3.1 Number of Research Papers Published in the Journals notified on UGC website during the last five years

Sl. No.	Title of paper	Name of the author/s	Name of journal	Year of publication	ISSN number	Link to the recognition in UGC enlistment of the Journal /Digital Object Identifier (doi) number	
						Link to website of the Journal	Link to article / paper / abstract of the article
1	A STUDY ON ACCELERATED MODEL PREDICTIVE CONTROL FOR ELECTRIC VEHICLES	Neyaz Ahmad, Dhanaanjay Mahato, Shailandra Kumar Prasad	International Journal of Multidisciplinary Research & Reviews	2024	ISSN: 2945-3135	https://ijmrr.online/	https://ijmrr.online/index.php/home/article/view/124/149
2	A STUDY ON SMART ENERGY MANAGEMENT SYSTEM FOR ELECTRIC VEHICLES	Neyaz Ahmad, Dhanaanjay Mahato, Shailandra Kumar Prasad	International Journal of Multidisciplinary Research & Reviews	2023	ISSN: 2945-3135	https://ijmrr.online/	https://www.researchgate.net/profile/International-Lab/publication/378100321_A_Study_on_Smart_Energy_Management_System_for_Electric_Vehicles/links/65c62d271bed776ae33b6a3e/A-Study-on-Smart-Energy-Management-System-for-Electric-Vehicles.pdf
3	LIGHTWEIGHT AND STRONG: EXPLORING THE POTENTIAL OF METAL MATRIX COMPOSITES	Ashwini Kumar and Shailandra Kumar Prasad	International journal of applied engineering and technology Vol. 5 No. 4 (December, 2023)	2023	ISSN: 2633-4828	https://romanpub.com/jaetv5-4-2023.php	https://romanpub.com/resources/jaetv5-4-2023-44.pdf
4	INTEGRAL-LUMP MODEL FOR FREEZING AND MELTING OF AN AGITATED BATH MATERIAL ONTO A LOW MELTING TEMPERATURE SOLID PLATE ADDITIVE	Sanatan PRASAD, Anant PRASAD	ANNALS of Faculty Engineering Hunedoara – International Journal of Engineering	2023	ISSN: 1584-2665	https://annals.fih.upt.ro/ANNALS-2023-4.html	https://annals.fih.upt.ro/pdf-full/2023/ANNALS-2023-4-07.pdf
5	Design and Analysis of Blower Impeller	Md Aminuddin ,Sk Darain Shahidi, Md Faisal Hussain , Md Sarvar Shailandra	International Journal of Engineering Management Science	2023	ISSN:2799-1865	www.ijems.online/index.php/ijems/index	https://www.ijems.online/index.php/ijems/article/view/101



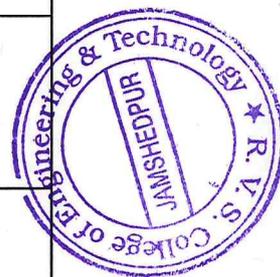
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6	Predicting compressive strength of concrete with fly ash and admixture using XGBoost: a comparative study of machine learning algorithms	Abhilash Gogineni, Indra Kumar Panday, Pramod Kumar & Rajesh Kr. Paswan	Asian Journal of Civil Engineering	2023	ISSN 1563-0854	https://link.springer.com/	https://link.springer.com/article/10.1007/s42107-023-00804-0
7	Predictive modelling of concrete compressive strength incorporating GGBS and alkali using a machine-learning approach	Abhilash Gogineni, Indra Kumar Panday, Pramod Kumar & Rajesh Kr. Paswan	Asian Journal of Civil Engineering	2023	ISSN 1563-0855	https://link.springer.com/	https://link.springer.com/article/10.1007/s42107-023-00805-z
8	Analysis of Fin Tube Evaporator Through CFD	Ravi Kumar Sharma, Manish Kumar, K Praveen Kumar, Ritesh Lal Karn, Shailandra Kumar Prasad	INTERNATIONAL JOURNAL OF ENGINEERING MANAGEMENT SCIENCE	2023	ISSN : 2799-1865	https://www.ijems.online/index.php/ijems/about	https://www.ijems.online/index.php/ijems/article/view/100
9	ADVANCES IN HYBRID ENERGY SYSTEMS: MODERN DEVELOPMENT TOWARD GREEN ENERGY INITIATIVES	Gayatri Vaidya, Vahid M.Jamadar, Raj Kumar, Shailandra Kumar Prasad	European Chemical Bulletin	2023	ISSN 2063-5346	https://www.eurchembull.com/about	https://www.eurchembull.com/uploads/paper/e770112c7541e60047274ae1b3e58ec5.pdf
10	APPLICATION OF ADVANCED THERMODYNAMIC METHODS FOR OPTIMIZING THERMAL SYSTEMS	Shailandra Kumar Prasad, Dr Nabeel Kadhim Abbood, Dr.Silpi Chatterjee, Nitin J Jadhav , Dr. Varun K R, Dr.G. Nagaraj, Jagadeesha T	European Chemical Bulletin	2023	ISSN 2063-5347	https://www.eurchembull.com/about	https://www.eurchembull.com/issue-content/application-of-advanced-thermodynamic-methods-for-optimizing-thermal-systems-3341

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11	ANALYSIS OF HIGH TEMPERATURE NATURAL CONVECTION IN OPEN VERTICAL TUBES WITH VOLUMETRIC HEAT GENERATION	Amit Kumar Sinha, Prakash Kumar	International Journal of Creative Research Thoughts (IJCRT)	2023	ISSN 2320-2882	https://ijcrt.org/	https://ijcrt.org/download.php?file=IJCRT2302132.pdf
12	ANALYSIS OF SOLAR WATER HEATER EFFICIENCY WITH BAFFLED PIPE AND SMOOTH PIPE	Prakash Kumar, Amit Kumar Sinha	International Journal of Creative Research Thoughts (IJCRT)	2023	ISSN 2320-2883	https://ijcrt.org/	https://ijcrt.org/papers/IJCRT2302075.pdf
13	Photocatalytic degradation of Methyl Red dye using highly efficient ZnO/CdS hierarchical heterostructures under white LED	YC Goswami, Jyoti Bala Kaundal, Sangar Begzaad, RK Tiwari	Journal of the Iranian Chemical Society	2023	ISSN 1735-207X	https://link.springer.com/journal/13738	https://link.springer.com/article/10.1007/s13738-023-02789-8
14	SOLER ENERGY CHARGER AND AUTOFOUSSING	Anand Mohan, Sumit Kr. Singh, Shalini Kumari, Deepak Kumar, Shashi Prakash	Journal of Emerging Technologies and Innovative Research	2022	(ISSN-2349-5162)	https://jetir.org/?gad_source=1&gclid=CjwKCAiA04arBhAkEiwAuNOslkxCXYIKDTsKZ2xGcZvDOW_peBr8TY2ISmpDf4GWzkcUHRUxh9u6oRoCJk0QAvD_BwE	https://www.jetir.org/papers/JETIR2203533.pdf



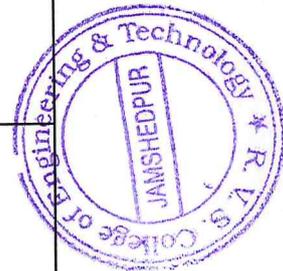
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15	AUTOMATIC PLANT IRRIGATION	Shalini Kumari, Sumit Kr. Singh, Anand Mohan, Deepak Kumar, Shashi Prakash	Journal of Emerging Technologies and Innovative Research	2022	(ISSN-2349-5163)	https://jetir.org/?gad_source=1&gclid=CjwKCAiA04arBhAKAiEiwAuNOsIkxCXY1KDTsKZ2xGcZvDow_peBr8TY2ISmpDf4GWzkcUHRUxh9u6oRoCJk0QAvD_BwE	https://www.jetir.org/papers/JETIR2023627
16	Mutual coupling reduction in a patch antenna array based on planar frequency selective surface structure	Mandal, Santimoy, & Ghosh, C. K.	Radio Science	2022	ISSN: 00486604, 1944799X	https://agupubs.onlinelibrary.wiley.com/journal/10.1029/2021RS007392	https://agupubs.onlinelibrary.wiley.com/doi/abs/10.1029/2021RS007392
17	Reduction of Mutual Coupling and Cross-Polarization of Microstrip MIMO Antenna using Electromagnetic Soft Surface (EMSS)	Swati Bhattacharjee, Santimoy Mandal, Chandan Kumar Ghosh and Soumen Banerjee	Radio Science	2022	ISSN: 1944-799X	https://agupubs.onlinelibrary.wiley.com/journal/10.1029/2021RS007392	https://ieeexplore.ieee.org/abstract/document/9786619
18	STATUS OF HYDROLOGICAL MONITORING NET-WORK FOR RIVER VALLEY PROJECT & FLOOD PRONE RIVER SCHEMES	CM Pandey, RK Tiwari	of Soil and Water Conservation	2022	ISSN 0022-4561	https://www.indianjournals.com/ijor.aspx?target=ijor:jswc&type=home	https://agris.fao.org/search/en/providers/122648/records/6474b0b0f2e6fe92b36354e1



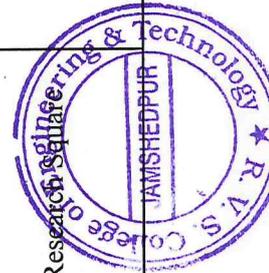
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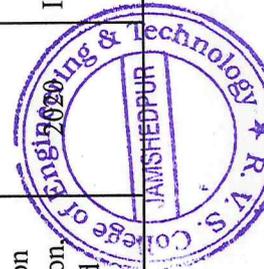
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19	MATHEMATICAL MODEL FOR FREEZING AND MELTING OF A NONREACTIVE BATH MATERIAL AROUND A LOW MELTING TEMPERATURE CYLINDRICAL SOLID ADDITIVE IN AN ADDITIVE-BATH SYSTEM	Prasad SANATAN, Prasad ANANT, Kumar ARBIND	ANNALS of Faculty Engineering Hunedoara – International Journal of Engineering	2022	ISSN 1584 – 2665 (printed version); ISSN 2601 – 2332 (online); ISSN-L 1584 – 2665	https://annals.fih.upt.ro /	https://annals.fih.upt.ro/pdf-full/2022/ANNALS-2022-1-21.pdf
20	Sclera Segmentation and Sclera Vessel Enhancement	Rachana Pathak, YC Goswami, RK Tiwari	Journal of Positive School Psychology,	2022	ISSN 2717-7564	https://mail.journalppw.com/index.php/jpsp/index	https://mail.journalppw.com/index.php/jpsp/article/view/5043
21	Low Mutual Coupling of Microstrip Antenna Array Integrated with Dollar Shaped Resonator	Mandal, Santimoy, Ghosh, C.K.	Wireless Personal Communications	2021	ISSN 0929-6212	https://www.springer.com/journal/11277	https://link.springer.com/article/10.1007/s11277-021-08237-1
22	MATERIAL ONTO A LOW MELTING TEMPERATURE CYLINDRICAL SOLID ADDITIVE OF NEGLIGIBLE THERMAL RESISTANCE	Prasad SANATAN, Prasad ANANT, Kumar ARBIND	ANNALS of Faculty Engineering Hunedoara – International Journal of Engineering	2021	ISSN 1584 – 2665 (printed version); ISSN 2601 – 2332 (online); ISSN-L 1584 – 2666	https://annals.fih.upt.ro /	https://annals.fih.upt.ro/pdf-full/2021/ANNALS-2021-1-10.pdf
23	Electromagnetic Soft Surface (EMSS) Integrated MIMO Antennas With Reduced Mutual Coupling And Cross-Polarization Radiation	Swati Bhattacharjee, Santimoy Mandal, Chandan Kumar Ghosh	Research Square Engineering & Technology	2021	ISSN 2693-5015 (Online)	https://www.researchsquare.com/	https://www.researchsquare.com/article/rs-512394/v1



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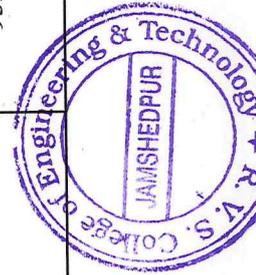
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24	An efficient public auditing scheme for cloud storage with secure access control and resistance against DOS attack by iniquitous TPA	Abu Salim, Rajesh Kumar Tiwari, Sachin Tripathi	Springer US	2021	ISSN: 0929-6212	https://link.springer.com/journal/11277	https://link.springer.com/article/10.1007/s11277-020-07079-7
25	Design and performance analysis of a compact, wideband dual polarized antenna for WLAN & WiMAX applications	Mandal, Santimoy, De, Arnab and Ghosh, Chandan Kumar	Frequenz	2021	ISSN: 2191-6349	https://www.degruyter.com/journal/key/freq/html	https://www.degruyter.com/document/doi/10.1515/freq-2021-0298/html
26	Blood Sugar Detection Using Different Machine Learning Techniques	Jeevan Kumar, Rajesh Kumar Tiwari, Vijay Pandey	Int. J. of Electronics Engineering and Applications	2021	ISSN-2321-3477	https://ijeea.in/	
27	An Efficient Public Auditing Scheme for Cloud Storage with Secure Access Control and Resistance Against DOS Attack by Iniquitous TPA	Abu Salim, Rajesh Kumar Tiwari, Sachin Tripathi		2021	ISSN-0929-6212	https://doi.org/10.1080/19393555.2013.801538	https://link.springer.com/article/10.1007/s11277-020-07079-7
28	High port Isolation of a Dual Polarized microstrip antenna array using DGS	Susmita Biswas, Chandan K. Ghosh, Soumen Banerjee, Santimoy Mandal and Durbadal Mandal	Journal of Electromagnetic Waves and Applications	2020	ISSN 15693937, 09205071	https://www.tandfonline.com/journals/tewa20	https://www.tandfonline.com/doi/abs/10.1080/09205071.2020.1736647
29	Reduction of the Mutual Coupling in Patch Antenna Arrays Based on Dollar Shaped Electrical Resonator	Mandal S., Ghosh C.K.	International Conference on Communication, Devices and Computing		ISSN 1876-1100	https://link.springer.com/conference/iccdc	https://link.springer.com/chapter/10.1007/978-981-15-0829-5_7



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30	A Report Based on the Analysis of Metrics and Measures on Quality Software Assurance	Santosh Kumar Singh, Vikas Rao Vadi, Rajesh Kumar Tiwari	Trinity Journal of Management, IT & Media (TJMIM)	2020	ISSN: 2320-6470	https://acspublisher.com/journals/index.php/tjmim/index	https://acspublisher.com/journals/index.php/tjmim/article/view/1238
31	Security On IoT: A Review	Ritesh Kumar Thakur, Rajesh Kumar Tiwari	Int. J. of Electronics Engineering and Applications	2020	ISSN-2321-3477	https://ijeea.in/	https://web.archive.org/web/20210710124024id_/http://www.ijeea.in/wp-content/uploads/2021/06/05-Volume-8-Issue-2-ritesh-et-al..pdf
32	Human age estimation using machine learning techniques	Rajesh Kumar Tiwari	International Journal of Electronics Engineering and Applications	2020	ISSN-2321-3477	https://ijeea.in/	
33	Multimodal Discourse Analysis of Two Digital Advertising Images	Rani Saladri, Mousumi Dash, Smita Dash	Journal of PSYCHOLOGY AND EDUCATION	2020	ISSN:00333077	http://psychologyandeducation.net/pae/index.php/pae/about	http://psychologyandeducation.net/pae/index.php/pae/article/view/378
34	Design Analysis of Offshore Petroleum Platforms	Bangshidhar Goswami, Vikram Sharma, Gyan Shankar Sharma, Sanatan Prasad, Tridib Kumar Pathak	International Journal of Landscape Planning and Architecture	2019	ISSN: 2456-5091	https://architecture.journalspub.info/index.php?journal=JLPA&page=index	https://architecture.journalspub.info/index.php?journal=JLPA&page=article&op=view&path%5B%5D=537
35	Applying geo-encryption and attribute based encryption to implement secure access control in the cloud	Abu Salim, Sachin Tripathi, Rajesh Kumar Tiwari	International Journal of Computer Networks & Communications (IJCNC)	2019	ISSN 0974 - 9322	https://airccse.org/journal/jcnc.html	https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3459330

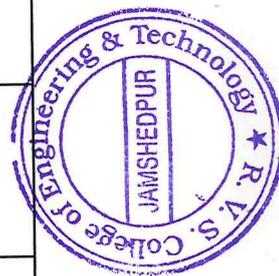


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36	Different image steganography techniques: an overview	Arbind Tiwary, AK Gupta, Rajesh Kumar Tiwari	International Journal of Computer Engineering and Applications,	2019	ISSN 2321-3469	www.jicea.com	https://www.researchgate.net/profile/Arbind-Tiwary/publication/331802107_DIFFERENT_IMAGE_STEGANOGRAPHY_TECHNIQUES_AN_OVERVIEW/links/5c8cb35292851c1df9447128/DIFFERENT-IMAGE-STEGANOGRAPHY-TECHNIQUES-AN-OVERVIEW.pdf
37	Suppression of Higher Order Modes of a Two Element Microstrip Array Using Open-ended Stubs	Susmita Biswas, Chandan K. Ghosh, Santimoy Mandal, Goffar A. Sarkar, Soumen Banerjee and Durbadal Mandal	Progress In Electromagnetics Research Letters	2019	ISSN 19376480	10.2528/PIERL18112108	https://www.jpier.org/pier/pier.php?paper=18112108
38	Polymer Composites Based Modern Sensors for Various Applications	Bangshidhar Goswami, Prakash Kumar, Shalini Kumari, Rakesh Kumar, Anand Mohan, Deepak Kumar, Sushanta Mohanty	INTERNATIONAL JOURNAL OF NANOBIO TECHNOLOGY	2019	ISSN: 2456-0111	https://materials.journalspub.info/index.php?journal=IJNB&page=index	https://materials.journalspub.info/index.php/info/index.php?journal=IJNB&page=article&op=view&path%5B%5D=574



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39	Nanocomposite Based Sensors and Its Potential in Modern Sectors	Bangshidhar Goswami, Prakash Kumar, Shalini Kumari, Rakesh Kumar, Anand Mohan, Deepak Kumar, Sushanta Mohanty	INTERNATIONAL JOURNAL OF NANOBIO TECHNOLOGY	2019	ISSN: 2456-0112	https://materials.journalspub.info/index.php?journal=IJNB&page=index	https://materials.journalspub.info/index.php?journal=IJNB&page=article&op=view&path%5B%5D=575&path%5B%5D=0
40	Forefronts in waste management and leather degradation of tanning industries	Bangshidhar Goswami, Jeeban Kumar, Prakash Kumar, Rakesh Kumar, Shalini Kumari, Anand Mohan, Deepak Kumar, Shusant Mohanty	International Journal of Green Chemistry	2019	ISSN: 2582-5925	https://chemical.journalspub.info/index.php?journal=IJGC&page=abstract	
41	Forefronts in degradation of wood	Bangshidhar Goswami, Prakash Kumar, Rakesh Kumar, Shalini Kumari, Anand Mohan, Deepak Kumar, Shusant Mohanty	International Journal of Green Chemistry	2019	ISSN: 2582-5926	https://chemical.journalspub.info/index.php?journal=IJGC&page=abstract	https://chemical.journalspub.info/index.php?journal=IJGC&page=article&op=view&path%5B%5D=793
42	Properties in Materials for Car Frame Structure	Bangshidhar Goswami, Sanatan Prasad, Gyan Shankar Sharma, Jeevan Kumar, Satyendra Prasad Singh	International Journal of Manufacturing and Materials Processing	2019	ISSN: 2582-5046	https://mechanical.journalspub.info/index.php?journal=IJMS&page=index	https://mechanical.journalspub.info/index.php?journal=IJMS&page=article&op=view&path%5B%5D=979



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43	Cloud Computing Security Using Steganography	Santosh Kumar Singh, PK Manjhi, RK Tiwari	Journal of Emerging Technologies and Innovative Research (JETIR)	2019	ISSN-2349-5162	www.jetir.org	https://www.researchgate.net/profile/Santosh-Singh-8/publication/342638808_Cloud_Computing_Security_Using_Steganography/links/5efdf7ff299bf18816fa7360/Cloud-Computing-Security-Using-Steganography.pdf
44	Tempered glass and fragment sizes - The frangibility	B. Goswami, J. Kumar, P. Kumar, R. Kumar, S. Kumari, A. Mohan, D. Kumar, S. Mohanty	International Journal of Fracture and Damage Mechanics	2019	Journal DOI: 10.37628/IJFDM	http://mechanical.journalspub.info/index.php?journal=IJFM&page=article&op=view&path%5B%5D=928	https://mechanical.journalspub.info/index.php?journal=IJFM&page=article&op=view&path%5B%5D=928
45	Forefronts in Wear of Tires, Remnant Usage and Friction Surfacing	Bangshidhar Goswami, SK Prasad, J Kumar, P Kumar, R Kumar, S Kumari, A Mohan, D Kumar, S Mohanty	International Journal of Fracture and Damage Mechanics	2019	Journal DOI: 10.37628/IJFDM	http://materials.journalspub.info/index.php?journal=IJNB&page=article&op=view&path%5B%5D=575	https://journalspub.info/mechanical/index.php?journal=IJFM&page=article&op=view&path%5B%5D=927
46	Hard Facing Spelt Forever Remains	Bangshidhar Goswami, Kumari Shipra Suman, Sonali Nag, Atul Kumar, Amit Kumar Sinha, Abhishek Kumar, Bijay Kumar Singh, Sanatan Prasad, Gyan Shankar Sharma, Tridib Kumar Pathak	International Journal of Electro Mechanical and Mechanical Behaviour	2019	Journal DOI: 10.37628/IJEMMB	https://mechanical.journalspub.info/index.php?journal=JEMMB&page=index	https://mechanical.journalspub.info/index.php?journal=JEMMB&page=article&op=view&path%5B%5D=95

