

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

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 enlistment 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
2022-23								
DSP based portable ECG monitoring system.	Dr. Surekha K S	E&TC	Computer Integrated Manufacturing System	2023	1006-5911	https://cims-journal.com/	https://cims-journal.com/index.php/CN/article/view/885	Yes
IOT-HML: A hybrid machine learning technique for IoT enabled industrial monitoring and control system	Prabhakar N. Kota(Ext.), Ashok S. Chandak(Ext.), Dr. B. P. Patil	E&TC	Concurrency and Computation: Practice and Experience	2022	1532-0634	https://onlineibrary.wiley.com/	https://onlineibrary.wiley.com/doi/10.1002/cpe.7458	Yes
Accelerating AI-based battery management system's SOC & SOH on FPGA	Satyashil D. Nagarale(Ext.), Dr. B. P. Patil	E&TC	Applied Computational Intelligence and Soft Computing	2023	1687-9724	https://www.hindawi.com/	https://www.hindawi.com/journals/acisc/2023/2060808/	Yes
A Novel Approach For Grounding Resistance Estimation.	Meghna Bhosale (Ext.), Dr. Parashuram B. Karandikar, Vispi Karkaria (Ext.), Neelima R. Kulkarni (Ext.).	E&TC	Indonesian Journal of Electrical Engineering and Computer Science.	2022	2502-4752	https://ijeecs.iaescore.com/	https://ijeecs.iaescore.com/index.php/IJECS/article/view/28007	Yes
Performance Analysis of a Novel Optimal Antenna Selection Algorithm for Large MIMO.	Dr. Rajashree Suryawanshi, P. Kavipriya (Ext.), Dr. B. P. Patil.	E&TC	International Journal of Swarm Intelligence Research.	2022	1947- 9271	https://www.igi-global.com/	https://www.igi-global.com/article/performance-analysis-of-a-novel-optimal-antenna-selection-algorithm-for-large-mimo/302618	Yes
Design of an Optimal Fractional Complex Order PID Controller for Buck Converter	Dr.Preeti Warriar, Dr. Pritesh Shah (Ext.)	E&TC	Journal of Robotics and Control (JRC)	2023	2715-5072	https://journal.umy.ac.id/	https://journal.umy.ac.id/index.php/jrc/article/view/17446	Yes
Road Segmentation in High-Resolution Images Using Deep Residual Networks	Ms. Dhanashri Patil, Dr. Sangita Jadhav.	E&TC	Engineering, Technology & Applied Science Research	2022	2241-4487	https://etasr.com/	https://etasr.com/index.php/ETASR/article/view/5247	Yes
Cyber Security Threats in IoT. A Review	Ms. Pragati Rana Dr. B. P. Patil	E&TC	Journal of High Speed Network	2023	0926-6801	https://content.iopress.com/	https://content.iopress.com/articles/journal-of-high-speed-networks/hs222042	Yes
Cyber Security Threats Detection And Protection Using Machine Learning Techniques in IoT.	Ms. Pragati Rana Dr. B. P. Patil	E&TC	Journal of Theoretical and Applied Information Technology	2023	1992-8645	https://www.iatit.org/	https://www.iatit.org/volumes/Vol101No7/SVVol101No7.pdf	Yes
Hybrid Meta-Heuristic Algorithms Based Optimal Antenna Selection for Large Scale MIMO in LTE Network	Rajashree A. Patil, P. Kavipriya, and Dr B. P. Patil	E&TC	Journal of Interconnection Networks	2022	1793-6713	https://www.worldscientific.com/	https://www.worldscientific.com/doi/epdf/10.1142/S0219265921500262	Yes
Oscillating flow heat transfer: a comprehensive review	Dr J D Patil	Mechanical	Energy Sources, Part A: Recovery, Utilization, and Environmental Effects	2022	1556-7036	https://www.scopus.com/sourceid/4500151514	https://www.tandfonline.com/doi/abs/10.1080/15567036.2022.2113932#:~:text=Oscillating%20flow%20heat%20exchanger%20performance,terms%20of%20performance%20indicators%20viz	Yes
Ungraded Tire Performance Analysis for Indian Road Conditions	Dr RB Gurav , Dr Pritee Purohit	Mechanical	Materials Today: Proceedings	2023	2214-7853	https://www.scopus.com/sourceid/21100370037	https://www.sciencedirect.com/science/article/abs/pii/S2214785323025701	Yes
Investigations on tube in tube metal foam heat exchanger	Dr R B Gurav	Mechanical	Materials Today: Proceedings	2023	2214-7853	https://www.scopus.com/sourceid/21100370037	https://www.sciencedirect.com/science/article/abs/pii/S2214785322059090	Yes
Implementing Combinative Distance Base Assessment (CODAS) for Selection of Natural Fibre for Long Lasting Composites	Sanjay Gaikwad	Mechanical	Materials Science Forum	2023	1662-9752	https://www.scopus.com/sourceid/28700	https://ouci.dntb.gov.ua/en/works/loEPGVW7/	Yes
Experimental investigation of rectangular mini channel array as an effective tool for energy efficient cooling of electronic gadgets	Dr J D Patil	Mechanical	Energy Sources, Part A: Recovery, Utilization, and Environmental Effects	2023	1556-7036	https://www.scopus.com/sourceid/4500151514	https://www.tandfonline.com/doi/abs/10.1080/15567036.2023.2194254	Yes
Comprehensive review of environmental factors influencing the performance of photovoltaic panels: Concern over emissions at various phases throughout the lifecycle	Dr Luxmikant D. Jathar Dr UV Awasarmol	Mechanical	Environmental Pollution	2023	0269-7491	https://www.scopus.com/sourceid/23916	https://www.sciencedirect.com/science/article/abs/pii/S0269749123004761	Yes
A comprehensive study of research and development in concentrating solar cookers (CSCs): Design considerations, recent advancements, and economics	Dr Luxmikant D. Jathar	Mechanical	Solar Energy	2022	0038-092X	https://www.scopus.com/sourceid/13333	https://www.sciencedirect.com/science/article/abs/pii/S0038092X22006545	Yes
Synthesis of new suspension mechanisms for two-wheeler vehicles	PV Dorlikar	Mechanical	Materials Today: Proceedings	2023	2214-7853	https://www.scopus.com/sourceid/21100370037	https://www.sciencedirect.com/science/article/abs/pii/S2214785322072157	Yes
Best shot selection using Convolutional Neural Networks	Dr.Sagar Rane Anant Kaulage	Computer	International Journal of Next-Generation Computing	2022	0976-5034	https://ijngc.perpetualinnovation.net	https://ijngc.perpetualinnovation.net/index.php/ijngc/article/view/576	Yes

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A Novel Digital Mark CP-ABE Access Control Scheme for Public Secure Efficient Cloud Storage Technique	Dr. Sagar Rane Prof. Sita Yadav	Computer	International Journal of Intelligent System & Application In Engineering (IISAE)	2023	2147-6799	https://www.ijsae.org	https://www.ijsae.org/index.php/IISAE/article/view/2536	Yes
An Optimization Of Network Paths In Congested SDN Using Genetic Algorithm	Prof. M B Lonare M Shyamala Devi	Computer	International Journal of Next-Generation Computing	2022	0976-5034	https://ijnc.perpetualinnovation.net	https://ijnc.perpetualinnovation.net/index.php/ijnc/article/view/805	Yes
Predicting The Behavior Of Online Buying Insurance Intention With The Association Of Technological Acceptance Model	Prof. M B Lonare, Prof. Asha Sathe, Prof. P R Sonawane, Prof. Kuldeep Hule	Computer	Journal of Data Acquisition & Processing	2023	1004-9037	https://sjiicyl.cn	https://sjiicyl.cn/article/view-2023/pdf/107.pdf	Yes
Performance Analysis of Existing Storage and processing Systems	Prof. Sushama Shirke	Computer	Computer integrated Manufacturing Systems	2023	1006-5911	http://www.cims-journal.cn/EN/1006-5911/home.shtml	http://www.cims-journal.cn/EN/1006-5911/home.shtml	Yes
Automated virtual Attendance Using Image Recognition Techniques	Prof. Sushama Shirke	Computer	Computer integrated Manufacturing Systems	2023	1006-5911	http://www.cims-journal.cn/EN/1006-5911/home.shtml	http://www.cims-journal.cn/EN/1006-5911/home.shtml	Yes
Web Interface for Distributed Transaction System	Prof. Rushali Patil	Computer	Computer integrated Manufacturing Systems	2023	1006-5912	http://www.cims-journal.cn/EN/1006-5911/home.shtml	http://www.cims-journal.cn/EN/1006-5911/home.shtml	Yes
Deep Learning Model for Abstractive Automatic Text Summarization in Hindi	Prof. Rushali Patil	Computer	Computer integrated Manufacturing Systems	2023	1006-5913	http://www.cims-journal.cn/EN/1006-5911/home.shtml	http://www.cims-journal.cn/EN/1006-5911/home.shtml	Yes
A Comparative Analysis of Deep Learning Based Vehicle Detection Approaches	Prof Nikita Singhal	Computer	International Journal of Next-Generation Computing	2023	0976-5034	https://ijnc.perpetualinnovation.net	https://ijnc.perpetualinnovation.net/index.php/ijnc/article/view/976	Yes
Group Activity Recognition Based on Interaction Contextual Information in Videos Using Machine Learning	Smita Kulkarni (External), Dr. Sangeeta Jadhav	Information Technology	International Journal of Next-Generation Computing (IJNGC)	2022	0976-5034	https://ijnc.perpetualinnovation.net/index.php/ijnc	https://ijnc.perpetualinnovation.net/index.php/ijnc/issue/view/41	Yes
Prediction of Market Trends using Machine learning	Prof. Gajanan Walunjkar, Prof. Yuvraj Gholap, Dr. Rahul Desai, R Sankalp Shukla (External)	Information Technology	International Journal of Next-Generation Computing (IJNGC)	2022	0976-5034	https://ijnc.perpetualinnovation.net/index.php/ijnc	https://ijnc.perpetualinnovation.net/index.php/ijnc/issue/view/41	Yes
In-depth analysis of dynamic degree load balancing technique in public cloud for heterogeneous cloudlets	Aparna Shashikant Joshi, Shyamala Devi Munisamy (External)	Information Technology	Indonesian Journal of Electrical Engineering and Computer Science	2022	2502-4752	https://ijeecs.iaescore.com/index.php/IJECS/index	http://doi.org/10.11591/ijeecs.v27.i2.pp1119-1126	Yes
Sarcasm Detection with and without #Sarcasm: Data Science Approach	Prof. Rupali Amit Bagate	Information Technology	International journal of information science and management	2022	2008-8302	https://ijism.isc.ac/	https://ijism.isc.ac/article_698419_e19a565e765e53c527107990b9c63ce6.pdf	Yes
Sarcasm Detection on tweets: Ensemble approach	Rupali Amit Bagate, R Suguna (External)	Information Technology	International Journal of Next generation and computing	2022	1793-671	https://ijnc.perpetualinnovation.net/index.php/ijnc	https://doi.org/10.47164/ijnc.v13i3.801	Yes
Movie Recommendation Using Clustering and Nearest Neighbour	Rupali Bagate, Aparna Joshi, Shilpa Pawar, Yogita Hambir, Sharayu Lokhande	Information Technology	International Journal of Next generation and computing	2022	1793-671	https://ijnc.perpetualinnovation.net/index.php/ijnc	https://doi.org/10.47164/ijnc.v13i3.845	Yes
Constraint and Descriptor Based Image Retrieval through Sketches with Data Retrieval using Reversible Data Hiding	Dipika Birari, Dilendra Hiran (External), Vaibhav Narawade (External)	Information Technology	International Journal of Intelligent System & Application In Engineering	2022	2147-6799	https://ijisae.org/index.php/IISAE	https://ijisae.org/index.php/IISAE/article/view/2308	Yes
Behavior of Dynamic Routing Protocol for Disaster Area Scenario	Gajanan Madhavrao Walunjkar, Dr. V. Srinivasa Rao (External)	Information Technology	International Journal of Next-Generation Computing,	2022	0976-5034	https://ijnc.perpetualinnovation.net/index.php/ijnc	https://doi.org/10.47164/ijnc.v13i4.534	yes
Sarcasm Detection on Text for Political Domain - An Explainable Approach	Rupali Amit Bagate, Ramadass Suguna (External)	Information Technology	International Journal on Recent and Innovation Trends in Computing and Communication	2022	2321-8169	https://ijritcc.org/index.php/ijritcc	https://doi.org/10.17762/ijritcc.v10i2s.5942	Yes
2D Face Emotion Recognition and Prediction Using Labelled Selective Transfer Machine and CNN Transfer Learning Techniques for Unbalanced Datasets	Dipti Pandit (External), Sangeeta jadhav	Information Technology	International Journal of Intelligent Systems and Applications in Engineering	2023	2147-6799	https://ijisae.org/index.php/IISAE	https://ijisae.org/index.php/IISAE/article/view/2226	Yes
Lane detection techniques for self-driving vehicle: comprehensive review	Ashwini Sapkal	Information Technology	Multimedia Tools and Applications	2023	1573-7721	https://link.springer.com/journal/11042	https://doi.org/10.1007/s11042-023-14446-6	Yes
Assessment of diabetic retinopathy progression using CNN from ocular thermal images	Roshani Raut, Ashwini Sapkal, Vaishali Ingale, Pradnya Borkar, Parul Bhanarkar	Information Technology	Soft Computing	2023	1433-7479 1432-7643	https://link.springer.com/journal/500	DOI:10.1007/s00500-023-08238-1	Yes

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Fibre Cement Boards, An Alternative To Brick Walls	Prof. Rushikesh Patil, Prof. Mridula Chandola, Dr Swati Kulkarni	ASGE	AIP	2023	0094-243X	https://pubs.aip.org/aip/acp	https://pubs.aip.org/aip/acp/article-abstract/2782/1/020064/2896642/Fibre-cement-boards-an-alternative-to-brick-walls?redirectedFrom=fulltext	Yes
Review on Structural Strength Assessment of Existing Bridges	Dr Swati Kulkarni	ASGE	International Journal of Bridge Engineering	2023	2241-7443	https://www.iibe.net/	https://www.iibe.net/issues/volumes/item/download/371_75093ee6f6b9d2c9d1b8fb1b39d9c905	Yes
Artificial cells is now not an unrealistic goal -A state-of-the-art-review	Dr Seema Tiwari, Dr Sonali Bhosle	ASGE	Europian Chemical Bulletin.	2023	2063-5346	https://www.eurchembull.com/	https://www.eurchembull.com/archives/volume-12/issue-10/9877	Yes
Water Level Monitoring and Analysis using IoT-Based System	Dr Seema Tiwari	ASGE	Chinese Journal of Geotechnical Engineering	2023	1000-4548	http://www.cgejournal.com/	http://www.cgejournal.com/	Yes
On graphic elementary lifts of graphic matroids	Dr Ganesh Mundhe	ASGE	Discrete Mathematics	2023	0012-365X	https://www.sciencedirect.com/journal/discrete-mathematics	https://www.sciencedirect.com/science/article/abs/pii/S0012365X22002205	Yes
On Conditional Connectivity of the Cartesian Product of Cycles	Dr Ganesh Mundhe	ASGE	Discussions Mathematicae Graph Theory	2023	2083-5892	https://www.dmg.uz.zgora.pl/index.php	https://www.dmg.uz.zgora.pl/publish/search_display_author.php?B3A381F22838A4073358	Yes
A new approach to share a secret message using stirling transform	Vithal Digambarao Hivrale	ASGE	AIP Conference Proceedings	2023	0094-243x	https://pubs.aip.org/aip/acp	https://pubs.aip.org/aip/acp/article-abstract/2782/1/020084/2896593/A-new-approach-to-share-a-secret-message-using?redirectedFrom=PDF	Yes
2021-22								
Multiscale BSBL Compressed Sensing Based ECG Signal Compression with Encoding For Telemedicine	Dr. K. S. Surekha Dr. B. P. Patil, Ranjeet Kumar(Ext.), Davinder Pal Sharma(Ext.).	E&TC	Biomedical Engineering: Applications, Basis and Communications (World Scientific)	2021	1016-2372	https://www.worldscientific.com/	https://www.worldscientific.com/doi/abs/10.4015/51016237221500344	Yes
Statistical Analysis of Electrode-Electrolyte-separator to Improve Effectiveness Of	Vispi Karkaria (Ext.), K Pradeep (Ext.), T Rohith Kumar (Ext.), Dr.P B Karandikar Farrokh Mistree (Ext.), Janet K Allen (Ext.).	E&TC	Turkish Journal of Computer and Mathematics Education	2021	1309-4653	https://www.researchgate.net/	https://turcomat.org/index.php/turkbilmat/article/view/10482	Yes
Car Pollution Monitoring System Using IOT.	Dr. Renuka Bhandari, Sneha Choudhary, Shubhangini Pandey, Sarini Khasnavis.	E&TC	GIS Science Journal	2021	1869-9391	https://gisscience.net/	https://drive.google.com/file/d/1BN_RiW5iW3i0if5e9yYlDUDAAt39v-XQ/view	Yes
Optimal Fractional PID Controller for Buck Converter Using Cohort Intelligent Algorithm	Mrs. Preeti Warriar Mr. Pritesh Shah (Ext.)	E&TC	Applied System Innovation. 2021	2021	2571-5577	https://www.mdpi.com/	https://www.mdpi.com/2571-5577/4/3/50	Yes
Exhaust Heat Recovery System using Organic Rankine Cycle (ORC) Technology: A Comprehensive Investigation	R B Gurav	Mechanical	International Journal of Mechanical Engineering	2021	0974-5823	https://www.scopus.com/sourceid/21101016918#tabs=2	https://www.kalaharijournals.com/ijmespecialissue2021-1-1.php	Yes
Text Region Identification in Indian Street Scene Images Using Stroke Width Transform and Support Vector Machine	Dr. Jayadevan R	Computer	Springer Nature Computer Science	2021	2661-8907	https://link.springer.com/journal/42979	https://link.springer.com/article/10.1007/s42979-021-00745-y	Yes
Comparative Study of Machine Learning and Deep Learning Algorithm for Face Recognition	Prof. Nikita Singhal Prof. V Y Ganganwar	Computer	Jordanian Journal of Computers and Information Technology (JJCIT)	2021	2413-9351	https://jjcit.org/	https://jjcit.org/paper/142/COMPARATIVE-STUDY-OF-MACHINE-LEARNING-AND-DEEP-LEARNING-ALGORITHM-FOR-FACE-RECOGNITION	Yes
Automated Subjective Answer Evaluation System	Prof. Sharayu Lokhande, Udit Chaudhary, Akash Singh, Pranay Gaikwad, Himanshu Guleria, Prof Shilpa Pawar.	Computer	Journal of Algebric Statics	2021	1309-3452	https://publishoa.com/index.php/journal	https://www.publishoa.com/index.php/journal/article/view/7227612	Yes
Sensor based vehicle detection and classification - a systematic review	Prof. Nikita Singhal	Computer	International Journal of Engineering Systems Modelling and Simulation	2021	1755-9758	https://www.inderscience.com/	https://www.inderscience.com/info/inarticle.php?articleid=122731	Yes
Blockchain Driven Secure and Efficient Logging for Cloud Forensics	Prof. Sagar Rane	Computer	International Journal of Computing and Digital Systems	2021	2210-142X	https://journal.uob.edu.bh/	https://journal.uob.edu.bh/handle/123456789/4308	Yes
Enhancement of cloud performance metrics using dynamic degree memory balanced allocation algorithm.	Prof. Aparna Joshi	Information Technology	Indonesian Journal of Electrical Engineering and Computer Science	2021	1697-1707	http://doi.org/10.11591/ijeecs.v23.i3.pp1697-1707	https://ijeecs.iaescore.com/index.php/IJECS/index	Yes
Sarcasm Detection of Tweets without #Sarcasm Data Science	Prof. Rupali Bagate	Information Technology	Indonesian Journal of Electrical Engineering and Computer Science	2021	2502-4760	http://doi.org/10.11591/ijeecs.v23.i2.pp993-1001	https://ijeecs.iaescore.com/index.php/IJECS/index	Yes
Machine Learning Model for Group Activity Recognition Based on Discriminative Interaction Contextual Relationship	Dr (Mrs.) Sangeeta Jadhav	Information Technology	Hindawi Mathematical Problems in Engineering	2021	1024-123X	https://www.hindawi.com/journals/mpe/about/	https://doi.org/10.1155/2021/5596312	Yes
Evaluating the performance of load balancing algorithm for heterogeneous cloudlets using HDDB algorithm	Prof. Aparna Joshi	Information Technology	International Journal of System Assurance Engineering and Management	2021	0975-6809	https://link.springer.com/journal/13198	https://doi.org/10.1007/s13198-022-01641-1	Yes

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Multiclass cyber-attack classification approach based on the	Prof. Sandeep Samleti	Information Technology	International Journal of Modeling, Simulation, and Scientific	2021	1793-9615	https://www.worldscientific.com/worldscinet/jimssc	https://doi.org/10.1142/S179396232250056	Yes
The Grid Connected Roof Top Solar Project in Army Institute of Technology;-A Case Study	Ms M Chandola, Dr Seema Tiwari, Mr Rushikesh Patil	ASGE	Journal of Engg Education Transformations	2021	2394-1707	https://www.journaleet.in/	https://journaleet.in/articles/the-grid-connected-roof-top-solar-project-in-army-institute-of-technology-a-case-study	Yes
Electrodeposited bimetallic micro porous MnCu oxide electrode as a highly stable electro catalyst for oxygen evolution reaction	Mr Sachin B Tanwade, Mr Ramesh Mr J Deokate, Mr Harish S Chavan, Mr Suraj C Bulakhe, Mr Sarfraz Mr H Mujawar, Mr Sawanta Mr S Mali, Mr Chang Kook Hong, Mr Hyunsik Im, Mr Akbar I Inamdar	ASGE	International Journal of Energy Research	2021	1099-114X	https://onlinelibrary.wiley.com/journal/ijer	https://onlinelibrary.wiley.com/doi/abs/10.1002/er.7457	Yes
2020-21								
Automated macula proximity diagnosis for early finding of diabetic macular edema	Sarika Patil (Ext.), B. P. Patil	E&TC	Research On Biomedical Engineering	2020	2446-4740	https://link.springer.com/	https://link.springer.com/article/10.1007/s42600-020-00065-9	Yes
Retinal fundus image enhancement using adaptive CLAHE methods	Sarika Patil (Ext.), B. P. Patil	E&TC	Journal of Seybold Report	2020	1533-9211	https://seiboldreport.org/	https://scholar.google.co.in/scholar?q=Retinal+fundus+image+enhancement+using+adaptive+CLAHE+method&hl=en&as_sdt=0&as_vis=1&oi=scholar	Yes
Process-based modeling of nylon separator super capacitor	Laxman S Godse(Ext.), Vispi N Karkaria (Ext.), Mayank J Bhalerao (Ext.), Dr. P B Karandikar, Neelima R Kulkarni (Ext.).	E&TC	Energy Storage	2020	2578-4862	https://onlinelibrary.wiley.com/	https://onlinelibrary.wiley.com/doi/abs/10.1002/est2.204	Yes
Development of Statistical model for selection of Electrode parameters in manufacturing of ultra-capacitor	Laxman S Godse(Ext.), M J Bhalerao(Ext.), Faiz M Khwaja(Ext.), Neelima R. Kulkarni(Ext.), Dr. Parashuram B Karandikar -	E&TC	Key Engineering Materials	2021	1662-9795	https://www.scientific.net/	https://www.scientific.net/KEM.862.22	Yes
Mitigation of sulfation in lead acid battery towards life time extension using ultra capacitor in hybrid electric vehicle.	Anupama Singh (Ext.), Dr. P B Karandikar, N.R. Kulkarni (Ext.)	E&TC	Journal of Energy Storage	2021	2352-152X	https://www.sciencedirect.com/	https://www.sciencedirect.com/science/article/abs/pii/S2352152X20320429	Yes
Modeling and Optimization of a Jackfruit Seed-Based Supercapacitor Electrode Using Machine Learning	Dr.P B Karandikar, Seema Mathew (Ext.), Neelima R. Kulkarni (Ext.).	E&TC	Chemical Engineering & Technology	2021	0930-7516	https://www.researchgate.net/	https://www.researchgate.net/publication/341687623_Modeling_and_Optimization_of_a_Jackfruit_Seed-Based_Supercapacitor_Electrode_Using_Machine_Learning	Yes
Process based statistical modeling for ball mill machine to improve performance of nylon ultracapacitor	Laxman S Godse(Ext.), Vispi N Karkaria (Ext.), Mayank J Bhalerao (Ext.), Dr. P B Karandikar, Neelima R Kulkarni (Ext.).	E&TC	Journal of The Institution of Engineers (India)	2021	2250-2114	https://link.springer.com/	https://link.springer.com/article/10.1007/s40031-021-00570-0	Yes
Study Of Parametric Mismatch Of Supercapacitor Materials	Jayavant Suryavanshi (Ext.), Alok Deep (Ext.), R.S.Desai (Ext.), Dr. P.B.Karandikar, R.M. Holmukhe (Ext.).	E&TC	Turkish Journal of Computer and Mathematics Education	2021	1309-4653	https://turcomat.org/	https://turcomat.org/index.php/turkbilmat/article/view/7707	Yes
Design and Implementation of Black Box for Security and Monitoring of Automobile	Purna Singh, Rishabh Tiwari, Rana Sourav, Dr. Renuka Bhandari	E&TC	International Journal on Emerging technologies	2021	0975-8364	https://www.researchtrend.net/	https://www.researchtrend.net/ijet/pdf/Design%20and%20Implementation%20of%20Black%20Box%20for%20Security%20and%20Monitoring%20of%20Automobile%20PREMA%20SINGH%201766124.pdf	Yes
Fractional Order Control of Power Electronic Converters in Industrial Drives and Renewable Energy Systems: A Review	Ms. Preeti Warriar, Pritesh Shah(Ext.),	E&TC	IEEE Access	2021	2169-3536	https://ieeexplore.ieee.org/	https://ieeexplore.ieee.org/document/9402805	Yes
A Novel Modulation Scheme of 8x8 MIMO in Industry 4.0	Dr. Rajashree Suryavanshi, P. Kavyapriya (Ext), Dr. B.P. Patil	E&TC	Journal of Cases on Information Technology	2021	1548-7717	https://www.igi-global.com/	https://www.igi-global.com/article/a-novel-modulation-scheme-of-8x8-mimo-in-industry-40/277653	Yes
Numerical Investigation and Experimental Validation of Shape and position optimization of a static wavy flag for Heat Transfer Enhancement	Swadesh Suman Swati Singh, Vinit Upada, Prof S M Gaikwad	Mech Engg	International Journal of Ambient Energy	2021	2162-8246	https://www.tandfonline.com/journals/taen20	https://www.tandfonline.com/doi/full/10.1080/01430750.2020.1818120	Yes

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Investigation of heat transfer and fluid flow characteristics in straight and zigzag microchannels with water as working medium	Prof S M Gaikwad	Mech Engg	International Journal of Ambient Energy	2021	2162-8246	https://www.tandfonline.com/journals/taen20	https://www.tandfonline.com/doi/full/10.1080/01430750.2021.1924858	Yes
Portable water cooling system using desert cooler	Dr P M Purohit S H Reddy N S Nair R Bandale	Mech Engg	International Journal of Mechanical and Production Engineering Research and Development	2021	2249-6890	https://journals.indexcopernicus.com/search/details?id=45150	https://www.tjprc.org/view_paper.php?id=13614	Yes
Tribological behaviour of uncoated steel and fluorocarbon coated steel under dry and lubricated sliding conditions	Akash Bodbhale Prof R B Patil	Mech Engg	Material Today Proceedings	2020	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://www.sciencedirect.com/science/article/abs/pii/S2214785320367444	Yes
Design Study of an Electric Motorcycle Chassis Obtained using Topology Optimization	Mohammad Irfan Ahmad Pankaj Dorlikar	Mech Engg	IOP Conf. Series: Materials Science and Engineering	2020	1757-8981	https://iopscience.iop.org/	https://iopscience.iop.org/article/10.1088/1757-898X/1128/1/012013	Yes
Optimal Selection of Steering Mechanism for Electric Vehicle	S A Katait, Prof P V Dorlikar	Mech Engg	SAE Technical Papers	2020	0148-7191	https://www.sae.org/publications	https://www.sae.org/publications/technical-papers/content/2020-28-0446/	Yes
Virtual design analysis of the sleeping structure	Narendra B Kulkarni Dr S M Sansgiri	Mech Engg	Journal of Physics: Conference Series	2020	1742-6596	https://iopscience.iop.org/	https://iopscience.iop.org/article/10.1088/1742-6596/1706/1/012205	Yes
Merge Maneuver by Autonomous Vehicle using Reinforcement Learning in Dense Traffic	Dr. S. R. Dhore	Computer	Journal of information and Computational Science	2020	1548-7741	https://joics.org/	https://drive.google.com/file/d/1srVG0bXIEmA3h9-x9Fkfe6yU7RrxVva/view?pli=1	Yes
Devanagari Text Detection from Natural Scene Images	Dr Jayadevan R	Computer	International Journal of Computer Vision and Image Processing	2020	2155-6997	https://www.igi-global.com/journal/international-journal-computer-vision-image/1181	https://www.igi-global.com/article/devanagari-text-detection-from-natural-scene-images/258253	Yes
Recognition of Devanagari Scene Text Using Auto-encoder CNN	Dr Jayadevan R	Computer	Electronic Letters on Computer Vision and Image Analysis	2021	1577-5097	https://elcvia.cvc.uab.cat/	https://elcvia.cvc.uab.cat/article/view/v20-n1-Sannakk	Yes
Applying Various Machine Learning Techniques for the Classification of Web Services	Prof Yogita Hambir	Computer	Journal of Critical Reviews	2020	2394-5125	https://www.icreview.com/index.php	https://www.icreview.com/paper.php?slug=applying-various-machine-learning-techniques-for-the-classification-of-web-services-a-survey	Yes
Facilitating Secure and Efficient Health Information Exchange using Blockchain	Prof Sagar Rane	Computer	International Journal of Solid State Technology -	2020	00381- 11X	https://solidstatetechnology.us/index.php/JSS/T/	https://solidstatetechnology.us/index.php/JSS/T/article/view/2098	Yes
Apparel Recommendation System using NLP and Deep Learning	Prof. Anup Kadam Prof Sagar Rane	Computer	Pensee Journal	2021	0031-4773	https://ores.su/en/journals/pensee/	https://ores.su/en/journals/pensee/	Yes
Approaching Image Manipulation Detection using YoloV5	Prof Asha Sathe	Computer	Journal of Information and Computational Science	2021	1548-7741	https://joics.org/vol-11-issue-4-2021/	https://drive.google.com/file/d/1Vze13pqyrkPisZQ1LzF7QP9tharwx9/view	Yes
Development of speech recognition model for specially abled individuals	Prof Praveen Hore Prof. Anup Kadam	Computer	Journal of Information and Computational Science	2021	1548-7741	https://joics.org/VOL-11-ISSUE-5-2021/	https://drive.google.com/file/d/1p6o7ZM1g6DB8np9g7NULZWrInivWToc/view	Yes
A Review on Exploring Clustering Algorithms for Partial Object Classification Problems Through Spatial Data Analysis Using Grid DBSCAN Technique	Prof. A.N. Kaulage	Computer	International Journal of Future Generation Communication and Networking	2021	2233-7857	http://sersc.org/	http://sersc.org/journals/index.php/IJFGCN/article/view/35568	Yes
Exploring Clustering Algorithms for Partial Object Classification Problems Through Spatial Data Analysis Using Grid DBSCAN Technique	Prof. A.N. Kaulage	Computer	Turkish Journal of Computer and Mathematics Education	2021	3048-4855	https://turcomat.org/index.php/turkbilmat	https://turcomat.org/index.php/turkbilmat/article/view/6442	Yes
Disaster Relief management using Reinforcement Learning based Routing	Prof. G M Walunjkar	Information Technology	International Journal of Business Data Communication and Networking	2021	1548-0631	https://dl.acm.org/journal/ijbdcn-igi	https://dl.acm.org/doi/abs/10.4018/IJBDCN.2021010102	Yes
Biomedical application of carbon nanotubes (CNTs) in vulnerable parts of the body and its toxicity study: A state-of-the-art-review	Dr Seema Tiwari	ASGE	Materials Today: Proceedings	2020	2214-7853	https://www.sciencedirect.com/journal/materials-today-proceedings	https://www.sciencedirect.com/science/article/abs/pii/S2214785321009925	Yes
Connectivity of single-element coextensions of a binary matroid	Dr Ganesh Mundhe	ASGE	Journal of Combinatorial Mathematics and Combinatorial Computing	2020	0835-3026	https://combinatorialpress.com/cmcc/	https://www.researchgate.net/publication/329413665_Connectivity_of_single-element_coextensions_of_a_binary_matroid	Yes
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Performance Analysis of 8 X 8 MU-MIMO in Uplink of LTE-A	Mrs. R. Suryawanshi Dr. B. P. Patil Dr. P. Kavipriya	E&TC	International Journal on Emerging Technologies	2019	2249- 3255	https://www.researchtrend.net/	https://www.researchtrend.net/ijet/pdf/Performance%20Analysis%20of%208%20x%208%20MIMO%20in%20Uplink%20of%20LTE%20A%20RAJASHREE%20A%20PATIL.pdf	Yes
Wireless Power Transfer through Inductive Coupling for AIMDs	Dr. B.P. Patil	E&TC	International Journal of Innovative Technology and Exploring Engineering	2019	2278-3075	https://www.ijitee.org/	https://www.ijitee.org/wp-content/uploads/papers/v8i11/k12580981119.pdf	Yes
GWO Based Optimal Channel Estimation Technique for Large Scale MIMO in LTE Network	Ms. Rajashree Suryawanshi Dr. B. P. Patil Dr. P. Kavipriya	E&TC	International Journal of Innovative Technology and Exploring Engineering	2019	2278-3075	https://www.ijitee.org/	https://www.ijitee.org/wp-content/uploads/papers/v8i12/L37331081219.pdf	Yes

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Design and Implementation of Robust Navigation System Platform for Autonomous Mobile Robot	Deepak Kr Yadav, Mr. Bharat Prasad Dixit, Mr. Pankaj Yadav, Dr. Gajanan R Patil, Mr. Jayesh Jain	E&TC	International Journal of Engineering and Advanced Technology (IJEAT)	2019	2249 – 8958	https://www.ijeat.org	https://www.ijeat.org/portfolio-item/b2373129219/	Yes
A Wavelet Based Hybrid Threshold Transform Method for Speech Intelligibility and quality in noisy Speech Patterns of English Language	Dr. Harjeet Kaur Ms. Sharda Patil	E&TC	International Journal of Wireless Personal Communications	2020	0929-6212	https://link.springer.com/	https://link.springer.com/article/10.1007/s11277-020-07093-9	Yes
GPU Accelerated bilateral filter for denoising knee MR Image	Dr. S. D. Oza	E&TC	International Journal of Scientific Research in Computer Science & Engg.	2020	2212-4047	https://www.eurekaselect.com	https://www.eurekaselect.com/article/97647	Yes
Optimization of Battery – Ultra capacitor For Electrically Operated Vehicle For Urban Driving Cycle In India	Mr. Vishnu Kokate, Mr. RM Holmukhe, Dr. PB Karandikar, Mr. DS Bankar, Ms. P. Apraj	E&TC	International Journal of Scientific & Technology Research	2020	2277-8616	http://www.iistr.org/	http://www.iistr.org/final-print/mar2020/Optimization-Of-Battery-Ultracapacitor-For-Electrically-Operated-Vehicle-For-Urban-Driving-Cycle-In-India.pdf	Yes
Life Improvement of Lead Acid Battery using dc-dc Converter for HEV	Anupama Singh Dr P B Karandikar, Neelima R Kulkarni	E&TC	Annual Technical Volume of Electrical Engineering Division Board	2020	2277-8616	https://www.ieindia.org/webui/IEI-Publication.aspx#springer-journals	https://www.ieindia.org/webui/IEI-Publication.aspx#springer-journals	Yes
Design & Implementation of Black Box for Security and Monitoring of Automobiles	Dr. Renuka Bhandari Ms. Prema Singh Mr. Rishab Tiwari Mr. Sourav Rana	E&TC	International Journal of Emerging Technologies	2020	0975-8364	https://www.researchtrend.net/	https://www.researchtrend.net/ijet/pdf/Design%20and%20Implementation%20of%20Black%20Box%20for%20Security%20and%20Monitoring%20of%20Automobile%20PREMA%20SINGH%201766124.pdf	Yes
Applications of Ultra Capacitor In Indian Vehicles	Mr. Vishnu Kokate, Mr. RM Holmukhe, Dr. PB Karandikar, Mr. Saurabh, Ms. Nidhi Yadav	E&TC	International Journal of Scientific & Technology Research	2020	2277-8616	https://mail.iistr.org/	https://mail.iistr.org/final-print/apr2020/Applications-Of-Ultra-Capacitor-in-Indian-Vehicles.pdf	Yes
IoT based Animal Monitoring System	Ms. Shriya Nagrath Dr. Surekha KS Ms. Sadhika Ms. Preeti Kumari	E&TC	Test Engineering & Management	2020	0193-4120	http://testmagazine.biz/	http://testmagazine.biz/index.php/testmagazine/article/view/11935	Yes
Secure Radio Frequency Transmission for Paperless Voting System	Dr. Renuka Bhandari, Ms. Ananya Tiwari, Mr. Anshu Banerjee	E&TC	International Journal of Innovative Technology and Exploring Engineering	2020	2278-3075	https://www.iitjee.org/	https://www.iitjee.org/wp-content/uploads/papers/v9i7/GS626059720.pdf	Yes
A Review on AI based predictive Battery Management System for E-Mobility	Satyashil D. Nagarale, B P Patil	E&TC	Test Engineering and Management	2020	0193-4120	http://www.testmagazine.biz/index.php/testmagazine	http://www.testmagazine.biz/index.php/testmagazine/issue/view/9	Yes
A Novel Architecture for Multi-Bit Shift and Rotate Operation	Mrs. Sushma Patil Mr. Avinash Patil	E&TC	Journal of Mechanism of Continua and Mathematical Science	2020	2454-7190	https://www.journalmcs.org/	https://www.journalmcs.org/special_issue/a-novel-architecture-for-multi-bit-shift-and-rotate-operation/	Yes
Square Operation Implementation on Reconfigurable Hardware Logic to Attain High Speed, Area Optimization and Low Power Consumption	Mrs. Sushma Patil Mr. Avinash Patil	E&TC	Journal of Mechanism of Continua and Mathematical Science	2020	2454-7190	https://www.journalmcs.org/	https://www.journalmcs.org/special_issue/square-operation-implementation-on-reconfigurable-hardware-logic-to-attain-high-speed-area-optimization-and-low-power-consumption/	Yes
Detection of Small Red Lesions in Retinal Fundus Images Using AC-CLAHF, Gabor Filter and One Class SVM Authors	Dr. B P Patil	E&TC	Test Engineering & Management	2020	0193-4120	https://testmagazine.biz/	https://testmagazine.biz/index.php/testmagazine/article/view/3956	Yes
CFD Analysis of Diesel Autorickshaw Exhaust System	Dr S M Sangsiri, Monil Yadav	Mech Engg	IOP Conf. Series: Journal of Physics: Conf. Series	2019	1742-6596	https://iopscience.iop.org/journal/1742-6596	https://iopscience.iop.org/article/10.1088/1742-6596/1240/1/012022	Yes
Development and Validation of Nusselt Number Correlations for Mixed Convection in an Arc-Shape Cavity	RB Gurav	Mech Engg	International Journal of Engineering and Advanced Technology (IJEAT)	2019	2249- 8958	https://www.ijeat.org/	https://www.ijeat.org/portfolio-item/a9646109119/	Yes
Heat transfer enhancement in motor-bike silencer using delta Wing vortex generator	Dr PM Purohit, RB Gurav	Mech Engg	International Journal of Mechanical and Production Engineering Research and Development (IJMPERD)	2020	2249-6890	https://www.tjprc.org/international-journals-2/	https://www.tjprc.org/data/publishpapers/2-67-1585718536-abs89IJMPERDAPR202089.pdf	Yes
Implicit Aspect Extraction for Sentiment Analysis: A Survey of Recent Approaches	Prof Vaishali Ganganwar	Computer	Procedia Computer Science 2019	2020	1877- 0509	https://www.journals.elsevier.com/procedia-computer-science	https://doi.org/10.1016/j.procs.2020.01.010	Yes
Video Object Detection through Traditional and Deep Learning Methods	Prof Sita Yadav	Computer	International Journal of Engineering and Advanced Technology (IJEAT)	2020	2249 – 8958	https://www.ijeat.org/	https://www.ijeat.org/wp-content/uploads/papers/v9i4/D6833049420.pdf	Yes

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Facilitating Secure and Efficient Health Information Exchange using Blockchain	Prof Sagar Rane	Computer	International Journal of Solid State Technology	2020	2207- 6360	https://www.solidstatetechnology.us/	https://www.solidstatetechnology.us/index.php/JSST/article/view/2098	Yes
Performance Evaluation of Routing Protocols in Large Size Disaster Scenario	Prof. G M Walunjkar	Information Technology	International Journal of Recent Technology and Engineering (IJRTE)	2019	2277-3878	https://www.ijrte.org/portfolio-item/b389078219/	https://www.ijrte.org/portfolio-item/b389078219/	Yes
Performance analysis of routing protocols in MANET	Prof. G M Walunjkar	Information Technology	Indonesian Journal of Electrical Engineering and Computer Science	2020	2502-4752	https://jiecsc.iaescor.com/index.php/IJEECS/article/view/17389	http://doi.org/10.11591/ijeeecs.v17.i2.pp1047-1052	Yes
Dynamic Degree Balanced with CPU Based VM Allocation Policy for Load balancing	Prof. Aparna Joshi	Information Technology	Journal of Information and Optimization Science (Taylor & Francis)	2020	2169-0103	https://www.tandfonline.com/doi/abs/10.1080/02522667.2020.1724618	https://www.tandfonline.com/doi/abs/10.1080/02522667.2020.1724618	yes
Assessment of feature selection for student academic performance through machine learning classification	Prof Rupali Bagate & Prof. Aparna Joshi	Information Technology	Journal of Statistics and Management Systems (Taylor & Francis)	2019	0972-0510, 2169-0014	https://www.tandfonline.com/doi/abs/10.1080/09720510.2019.1609729	https://doi.org/10.1080/09720510.2019.1609729	Yes
Terpolymeric Nanocomposites of Silver for Wound Healing Applications	Dr Seema Tiwari	ASGE	International Journal of Innovative Technology and Exploring Engineering	2020	2278-3075	https://www.ijitee.org/	https://www.ijitee.org/wp-content/uploads/papers/v9i6/L37701081219.pdf	Yes
Hand Sanitizer: Effectiveness & Characterization	Dr Seema Tiwari	ASGE	International Journal of Engineering Research & Technology	2020	2278-0181	https://www.ijert.org/	https://www.ijert.org/hand-sanitizer-effectiveness-characterization	Yes
Magnetically driven poly(sulfur/oil) composite as an efficient oil adsorbent. Part-I: Synthesis, characterization and preliminary oil removal study	Dr Seema Tiwari	ASGE	Environmental Nanotechnology, Monitoring & Management	2020	2215-1532	https://www.sciencedirect.com/journal/environmental-nanotechnology-monitoring-and-management	https://www.sciencedirect.com/science/article/abs/pii/S2215153220300106	Yes
Extrapolation of data by mathematical calculation for removal of fluoride ,Arsenic,lead by nonconventional adsorbents	Dr Seema Tiwari	ASGE	Journal of Engineering Sciences	2020	0377-9254	https://jespublication.com/archives.php	https://jespublication.com/upload/2020-110537.pdf	Yes
Regenerative Shock Absorber: Research Review.	Dr Seema Tiwari	ASGE	International Journal Of Engineering Research & Technology.	2020	2278-0181	https://www.ijert.org/	https://www.ijert.org/research/regenerative-shock-absorber-research-review-IJERTV9IS050299.pdf	Yes
On n-connected splitting matroids	Dr Ganesh Mundhe	ASGE	AKCE International Journal of Graphs and Combinatorics	2019	0972-8600	https://www.tandfonline.com/toc/uakc20/current	https://www.sciencedirect.com/science/article/pii/S0972860017301494	Yes
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Effect of number of turns and medium between coils on the Wireless Power Transfer efficiency on AIMD's	Dr. B P Patil Deepali Newaskar, Kunal Sharma Tarun Baghmar Mahesh Ku. Rajput	E&TC	Biomedical Engineering: Applications, Basis and Communications (BME)	2019	1016-2372	https://www.worldscientific.com/	https://www.worldscientific.com/doi/abs/10.4015/S1016237219500169?journalCode=bme	Yes
Hybrid Technique For ECG Signal Compression Using Parallel And Cascade Method	Dr. Surekha KS Dr. B P Patil	E&TC	International Journal Biomedical Engg. Appl , Basics & Communication,	2019	1016 - 2372	https://www.worldscientific.com/	https://www.worldscientific.com/doi/abs/10.4015/S1016237219500224	Yes
Fast Denoising Filter For MRI using Parallel Approach	Dr. S D Oza	E&TC	Indonesian Journal of Electrical Engg & Informatics	2018	2089-3272	https://www.researchgate.net/publication/330354449_Fast_Denoising_Filter_for_MRI_using_Parallel_Approach	https://www.ijeei.org/login.html	Yes
Spectral Efficient Blind Channel Estimation Techniques for MIMO-OFDM Communications	Dr. Renuka Bhandari	E&TC	Elsevier's Journal of Advanced Research in Dynamical and Control Systems	2018	1943-023X	https://link.springer.com/	https://link.springer.com/article/10.1007/s11277-018-6077-7	Yes
Novel Spectral Efficient Technique for MIMO-OFDM Channel Estimation With Reference to PAPR and BER Analysis	Dr. Renuka Bhandari Dr (Mrs.) Sangeeta Jadhav	E&TC	Wireless Personal Communication Springer Journal	2019	1572-834X	https://link.springer.com/	https://link.springer.com/article/10.1007/s11277-018-6077-7	Yes
Insight on Blind Channel Estimation of MIMO- OSTBC using Higher Order Statistics with Kalman Filter (HOS-KF)	Dr. Renuka Bhandari Dr (Mrs.) Sangeeta Jadhav	E&TC	Helix the scientific explorer Journal,	2018	2319 – 5592	http://helix.dnars.in/	http://helix.dnars.in/wp-content/uploads/2018/08/3431-3437.pdf	Yes
Spectral and Power Efficient Blind Channel Estimation Technique for MIMO-OFDM Communications	Dr. Renuka Bhandari	E&TC	Elsevier's Journal of Advanced Research in Dynamical and Control Systems	2018	1943-023X	http://www.jardcs.org/	http://www.jardcs.org/abstract.php?archivaid=5401	Yes
Performance Evaluation on Large MIMO	Ms. Rajashree Suryawanshi B P Patil	E&TC	Wireless Personal Communication	2018	0929-6212	https://link.springer.com/	https://link.springer.com/article/10.1007/s11277-018-6053-2	Yes
ECG Signal Compression using Parallel and Cascade Method for QRS Complex	Dr. Surekha KS Dr. B P Patil	E&TC	Indian Journal of Science and Technology	2018	0974-5645	https://indist.org/	https://indist.org/articles/ecg-signal-compression-using-parallel-and-cascade-method-for-qrs-complex	Yes
Effect of Chromium addition on properties of sinter-forged Fe-Cu-C alloy steel	Prof VR Kulkarni	Mechanical	International Journal of Modern Physics	2018	1793- 6578	https://www.worldscientific.com/worldscinet/ijmpb	https://www.worldscientific.com/doi/10.1142/S0217979218400404	Yes
Leaf disease diagnosis using online and batch back-propagation	Prof. Ashwini Sapkal	Information Technology	International Journal of Computer Sciences and Engineering	2018	2347-2693	https://www.ijcseonline.org/	https://www.ijcseonline.org/pub_paper/55-IJCSE-03904.pdf	Yes

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Graphic and Cographic Γ -Extensions of Binary Matroids	Dr. Ganesh Mundhe	ASGE	Discussiones Mathematicae Graph Theory	2018	1234-3099	https://www.dmgmt.uz.zgora.pl/index.php	https://www.dmgmt.uz.zgora.pl/publish/search_display_author.php?B88F6E0FD41448F023E5A	Yes
On k-Connected Γ -Extensions of Binary Matroids	Dr. Ganesh Mundhe	ASGE	Lobachevskii J Math	2018	1818-9962	https://link.springer.com/journal/12202	https://link.springer.com/article/10.1134/S1995080218090226	Yes
Wavelets As Minimizers Of Uncertainty From The Kinematical Group	Mr Ashok Kumar Singh	ASGE	International Journal of Applied Engineering Research	2018	0973-4562	https://www.ripublication.com/ijaer.htm	https://ripublication.com/ijaer.htm	Yes



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