

Journal Publications

Title of paper	Name of the author/s	Department of the teacher	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	Is it listed in UGC Care list/Scopus/Web of Science/other, mention
An Intrusion Detection System Using a Machine Learning Approach in IOT-based Smart Cities	Liloja, Dr. P Ranjana	AI&DS	Journal of Internet Services and Information Security (JISIS)	2023	2182-2069	https://jis.org/	https://jis.org/wp-content/uploads/2023/01/2023.11.002.pdf	Scopus
Effect of different compost media on plant growth	Dr. Hema Nalini A V	CE	Gradiva review journal	2023	0363-8057	https://gradivareview.com/volume-9-issue-3-2023/	https://drive.google.com/file/d/1PrYN2ZVqhsTect2xIun4MBPIXGbjXw/view?usp=share_link	UGC Care list
Sisal Fibre Reinforced Gypsum Boards As Partition Walls	Yasmin N	CE	Gradiva review journal	2023	0363-8057	https://gradivareview.com/volume-9-issue-3-2023/	https://drive.google.com/file/d/1JwGdAXc8QLJ2xI8jCwWqENLj6U4iBZG/view?usp=share_link	UGC Care list
Accident Blackspot Ranking: An Alternative Approach in the Presence of Limited Data	Sivakumar Balakrishnan & Krishnamurthy Karuppanagounder	CE	Lecture Notes in Civil Engineering	2023	ISBN: 978-981-19-2273-2	https://link.springer.com/book/10.1007/978-981-19-2273-2	https://link.springer.com/book/10.1007/978-981-19-2273-2	Scopus
Ranking of Accident Blackspots Based on Economic Value Using Willingness to Pay Approach	Sivakumar Balakrishnan & Krishnamurthy Karuppanagounder	CE	Lecture Notes in Civil Engineering	2023	ISBN: 978-981-19-3505-3	https://link.springer.com/book/10.1007/978-981-19-3505-3	https://doi.org/10.1007/978-981-19-3505-3_12	Scopus
Network Bases Multiple Intrusion Detection Using Machine Learning	Anish Kumar B	CSE	International Journal of Engineering Research and Technology	2023	2278-0181	https://www.ijert.org/	https://www.ijert.org/network-based-multiple-intrusion-detection-using-machine-learning	SCOPUS
Image Smart Segmentation Analysis Against Diabetic Foot Ulcer Using Internet of Things with Virtual Sensing	Renjith V. Ravi	ECE	Big Data	2023	2167-6461	https://home.liebertpub.com/publications/big-data/611	https://doi.org/10.1089/big.2022.0283	Web of Science and Scopus
Productivity improvement through the development	Vinay Venugopal	ME	International Journal of Productivity and Quality Management	2023	1746-6482	https://www.inderscienceonline.com/journal/ijpqm	https://www.inderscienceonline.com/doi/abs/10.1504/IJPM.2023.130891	Scopus
Flood resistant construction	Mrs. Yasmin	CE	GIS Science Journal	2022	1869-9391	https://gis.science.net/volume-9-issue-6-2022/	https://drive.google.com/file/d/1F84wFvQ9aSBqC9GqoTRZ4uVuuJ8EhK/view?usp=sharing	UGC CARE LIST
Evaluation of Efficacy of Eco Cement as a Soil Stabilizer	Dr. Jeeja Menon	CE	GIS SCIENCE JOURNAL	2022	1869-9391	https://gis.science.net/volume-9-issue-6-2022/	https://drive.google.com/file/d/1Aeumas1XcZmtR3f9kRr8jUXEaDctGD/view?usp=sharing	UGC Care list
Survey on Object Detection Using Deep Reinforcement Learning	Najla Musthafa	CSE	MAT Journal	2022	2583-4819	https://matjournals.co.in/	https://matjournals.co.in/index.php/RTAIA/article/view/1889	UGC Care list
Computational Methods for Predicting the Outcome of Thoracic Transplantation	Dr Raji CG	CSE	Journal of Big Data	2022	2196-1115	https://journalofbigdata.springeropen.com/	https://doi.org/10.1186/s40537-022-00609-z	ESCI
Analysis of the teaching quality on deep learning-based innovative ideological political education platform	Renjith V. Ravi	ECE	Progress in Artificial Intelligence, Springer	2022	2192-6360	https://www.springer.com/journal/13748	https://link.springer.com/article/10.1007/s13748-021-00272-0	Web of Science and Scopus
A State of the Art Technology with Machine Intelligence in Human Emotion Recognition	Renjith V. Ravi	ECE	Journal of Interconnection Networks, World Scientific	2022	1793-6713	https://www.worldscientific.com/worldscinet/join	https://www.worldscientific.com/doi/abs/10.1142/S0219265921410103	Web of Science and Scopus
Development of epoxy-based fiber metal laminate using nanosilica and <i>Abelmoschus esculentus</i> fiber for steam turbine applications	Dr G Ramesh	ME	Biomass Conversion and Biorefinery	2022	2190-6823	https://link.springer.com/	https://doi.org/10.1007/s13399-022-03529-3	SCIE
High-content Al-T6/pineapple fiber/brass mesh reinforcements on nanosilica-toughened epoxy hybrid natural fiber metal laminate composite for aircraft applications	Dr G Ramesh	ME	Biomass Conversion and Biorefinery	2022	2190-6823	https://link.springer.com/	https://doi.org/10.1007/s13399-022-03354-8	SCIE
Fatigue, fracture toughness and DMA of biosilica toughened epoxy with stacked okra fiber and Al 2024-T3 fiber metal laminate composite	Dr G Ramesh	ME	Polymer composite	2022	5737-6709	https://www.wiley.com/en-in	https://doi.org/10.1002/pc.26938	SCIE
Investigation on DMA, Fatigue and Creep Behaviour of Rice Husk Ash Biosilica-Prickly Pear Short Fibre-Reinforced Epoxy Resin Composite	Dr G Ramesh	ME	Silicon	2022	1876-9918	https://link.springer.com/	https://doi.org/10.1007/s12633-022-01981-4	SCIE
Improved Thermal And Mechanical Properties of Boron Nitride Composites Reinforced With Polypropylene Terephthalate	Dr G Ramesh	ME	Journal of Pharmaceutical negative results	2022	0976-9234	https://www.pnjournal.com/index.php/home/about	https://doi.org/10.47750/pnr.2022.13.S10.061	NON-SCI
Independent Double Monophonic Domination Number of a Graph	A. Sadiquali, P. Arul Paul Sudhahar.	DMS	Journal of Advanced Math. Studies., Vol. 15(2022), No.1	2022	ISSN 2065-5851(online) ISSN 2065-3506(Print)	http://journal.fairpartners.ro	https://www.fairpartners.ro/upload_poze_documente/files/volume%2015(2022).%20no.%201/9_Sadiquali.pdf	UGC Care list

Accommodating the Heterogeneity in Traveller's Responsiveness in Safe Route Choice Experiment – Study from India	Sivakumar Balakrishnan & Krishnamurthy Karuppanagounder	CE	European Transport \ Trasporti Europei	2021	ISSN 1825-3997	http://www.istjee.unic.it/content/europea-n-transport-trasporti-europei	https://doi.org/10.48295/ET.2021.81.10	Scopus
Forecasting of Future Academic Records Using Bayesian Network and Data Secured by Block Chain	Afsar P	CSE	Transactions on Innovations in Science and Technology	2021	2456-5075	https://transistonline.com/	https://transistonline.com/downloads/forecasting-of-future-academic-records-using-bayesian-network-and-data-secured-by-blockchain/	SCOPUS
Adaptive optimisation driven deep belief networks for lung cancer detection and severity level classification	Dr. Shanid Malayil	CSE	Critical reviews in biomedical engineering	2021	1943-619X	https://www.begellhouse.com/journals/critical-reviews-in-biomedical-engineering.html	https://pubmed.ncbi.nlm.nih.gov/35381160/#:~:text=Here%2C%20the%20developed%20EHMO%20combines%20and%20high%20specificity%2C%200.958	SCIE
EHMO-Based Deep ResNet for Survival Timeline Prediction of Adenocarcinoma Cancer	Dr. Shanid Malayil	CSE	International Journal of Bio-Inspired Computation	2021	1758-0374	https://www.inderscience.com/jhome.php?icode=ijbic	https://www.inderscienceonline.com/doi/abs/10.1504/IJIBC.2021.118101	SCIE
Big data analytics and augmentative and alternative communication in EFL teaching	Renjith V. Ravi	Electronics and Communication Engineering	International Journal of Speech Technology, Springer, Springer	2021	1572-8110	https://www.springer.com/journal/10772	https://link.springer.com/article/10.1007/s10772-021-09919-8	Scopus
Safeguarding railway communication signals from radiated intentional EMI from a train	Renjith V. Ravi	ECE	International Journal of Information Technology, Springer	2021	2511-2112	https://www.springer.com/journal/41870	https://link.springer.com/article/10.1007/s41870-021-00637-7	Scopus
Reinforced Cuckoo Search based fugitive landfill methane emission estimation	Renjith V. Ravi	ECE	Environmental Technology & Innovation, Elsevier	2021	2352-1864	https://www.sciencedirect.com/journal/environmental-technology-and-innovation	https://www.sciencedirect.com/science/article/abs/pii/S2352186420315078	Web of Science and Scopus
Process optimization using grey relational analysis in dry sliding waer behaviour on SiC/B4C/Talc reinforced Al 6061 hybrid metal matrix composite	Dr G Ramesh	ME	Metalurgical research and technology	2021	2271-3646	https://www.edpsciences.org/en/	https://doi.org/10.1051/meta/2021086	SCIE
Fabrication and Characterization of Hybrid Natural Fibre-Reinforced Sandwich Composite Radar Wave Absorbing Structure for Stealth Radomes	Dr G Ramesh	ME	Transaction on Electrical and Electronic materials	2021	2092-7592	https://link.springer.com/	https://doi.org/10.1007/s42341-021-00299-z	Scopus
Mechanically toughened EMI shielding natural rubber composite in microwave frequency bands	Dr G Ramesh	ME	Plastics, rubber and composites	2021	14658011	https://www.tandfonline.com/	https://doi.org/10.1080/14658011.2021.1890514	SCIE
Investigation of fin geometries impact on thermal efficiency of solar dryer	Dr G Ramesh	ME	Materials Today: Proceedings	2021		https://www.sciencedirect.com/	https://doi.org/10.1016/j.matpr.2021.03.044	Scopus
Experimental evaluation of Salvinia molesta oil biodiesel/diesel blends fuel on combustion, performance and emission analysis of diesel engine	Dr Mubarak M	ME	Fuel	2021	0016-2361	https://www.sciencedirect.com/	https://doi.org/10.1016/j.fuel.2020.119526	SCI
Connected Monophonic Domination in Graphs	A. Sadiquali, P.Arul Paul Sudhahar, V. Lakshmana Gomathi Nayagam.,	DMS	Discrete Mathematics, Algorithms and Applications, Vol: 13, No.03, 2150029 (2021).(Scopus indexed)	2021	ISSN (print): 1793-8309 ISSN (online): 1793-8317	https://www.worldscientific.com/worldscinet/dmaa	https://www.worldscientific.com/doi/10.1142/S1793830921500294	Scopus
Independent Monophonic Sets in Graphs,	A. Sadiquali, P. Arul Paul Sudhahar.,	DMS	Mapana JournalsSciencesVol. 18.No.3	2021	ISSN: 0975-3303 (Print)	https://journals.christuniversity.in/index.php/mapana/issue/archive	https://journals.christuniversity.in/index.php/mapana/article/view/2124	UGC Care list
Estimating the cost of two-wheeler road accident injuries in India using the willingness to pay method	Sivakumar Balakrishnan & Krishnamurthy Karuppanagounder	CE	Australian Journal of Civil Engineering	2020	ISSN: 1448-8353 (Print) ISSN: 2204-2245 (Online)	https://www.tandfonline.com/loi/tcen20	10.1080/14488353.2020.1721951	Scopus
Study on Performance of Polystyrene Concrete Building Blocks	Najeeb M., Ninu Shahla K., Nisthar Ali P. T., Rishana V., Sahil Kamrudheen	CE	International Journal of Innovative Research in Science, Engineering, and Technology	2020	e-ISSN: 2319-8753 p-ISSN: 2320-6710	www.ijirset.com	http://www.ijirset.com/upload/2020/june/129_Polystyrene_NC.PDF	Google scholar
Soil Stabilisation by using Waste Beverage Cans	Noushad K., Muhammed Shad, Nijitha M.K., Nithin.O., Saibaviya	CE	International Journal of Innovative Research in Science, Engineering, and Technology	2020	e-ISSN: 2319-8753 p-ISSN: 2320-6710	www.ijirset.com	http://www.ijirset.com/upload/2020/june/154_SOIL_NC.PDF	Google scholar
Waste Foundry Sand and Rubber Tyre as a Substitute for Aggregates in Concrete	Shahana Sheril, Ashwa Sana	CE	International Journal of Innovative Research in Science, Engineering and Technology	2020	e-ISSN: 2319-8753 p-ISSN: 2320-6710	www.ijirset.com	http://www.ijirset.com/upload/2020/august/142_Waste_NC_NEW.PDF	Google scholar
Cost Comparative Study of Conventional and Cost Effective Construction Materials	Najeeb M., Sahir Sanoob T., Nihala Sherin	CE	International Journal of Innovative Research in Science, Engineering, and Technology	2020	e-ISSN: 2319-8753 p-ISSN: 2320-6710	www.ijirset.com	http://www.ijirset.com/upload/2020/june/133_Cost_NC_NEW.PDF	Google scholar

Behavioral Study of Lego Blocks Having Variety of Qualities Against Conventional Building Blocks	Abdul Raof K. C., Ahmad Ismail, Fathima Fida M., Hisham Muhammed E., Ajmal C. K	CE	International Journal of Innovative Research in Science, Engineering, and Technology	2020	e-ISSN: 2319-8753 p-ISSN: 2320-6710	www.ijirset.com	http://www.ijirset.com/upload/2020/September/85_Lego_NC.PDF	Google scholar
Penetration Response of Soil Reinforced with Pet Bottle Cell	Noushad K., Nashidha P., Ayisha Nourin N.K., Deepthi C., Mubashira K.	CE	International Journal of Innovative Research in Science, Engineering, and Technology	2020	e-ISSN: 2319-8753 p-ISSN: 2320-6710	www.ijirset.com	http://www.ijirset.com/upload/2020/july/20_PENETRATION_NC.PDF	Google scholar
Use of Pulp Black Liquor as an Effective Admixture in Concrete	Asharuddeen Tharammal, Ethisam C. K., Shamsudheen K.P., Shibila K.K., Shibila Jabeen K.K	CE	International Journal of Innovative Research in Science, Engineering, and Technology	2020	e-ISSN: 2319-8753 p-ISSN: 2320-6710	www.ijirset.com	http://www.ijirset.com/upload/2020/july/82_Use%20NC.PDF	Google scholar
Treatment of Textile Waste Water by using Vermifilter and Non-Vermifilter	Farsana C., Raniya K., Shaheer K., Shamla P.	CE	International Journal of Innovative Research in Science, Engineering, and Technology	2020	e-ISSN: 2319-8753 p-ISSN: 2320-6710	www.ijirset.com	http://www.ijirset.com/upload/2020/july/74_Treatment_NC.PDF	Google scholar
Flood Risk Mapping of Korapuzha River Basin using GIS	Rajisha C., Ameer Salman P., Fathima Rini P.K., Mohammed Siyad O., Mufeeda Shirin M.M.	CE	International Journal of Innovative Research in Science, Engineering, and Technology	2020	e-ISSN: 2319-8753 p-ISSN: 2320-6710	www.ijirset.com	http://www.ijirset.com/upload/2020/july/61_Flood_Risk_NC.PDF	Google scholar
Production of Composite Tiles from Sand, Sawdust, and Copper slag by using Portland Cement as a Binder	Riya Pious, Shabna, Shamla, Jaavid Husain C. H., Sadeed Kamil V.P.	CE	International Journal of Innovative Research in Science, Engineering, and Technology	2020	e-ISSN: 2319-8753 p-ISSN: 2320-6710	www.ijirset.com		Google scholar
Experimental Study on Use of Recycled Concrete Aggregate and Copper Slag in Concrete	Mohamed Anees K., Shareen Ashraf, Safina Shani C., Shameem P.	CE	International Journal of Innovative Research in Science, Engineering, and Technology	2020	e-ISSN: 2319-8753 p-ISSN: 2320-6710	www.ijirset.com	http://www.ijirset.com/upload/2020/july/14_Experimental_NC.PDF	Google scholar
CARRIER APP - EARN WHILE TRAVELLING	Anu K P	CSE	International Journal Creative Research Thoughts	2020	2320-2882	https://ijcrt.org/	https://ijcrt.org/papers/UCRT2004512.pdf	SCOPUS
Effective Public Distribution System Using an Android App	Jitha K	CSE	International Journal of Creative Research Thoughts	2020	2320-2882	https://ijcrt.org/	https://ijcrt.org/papers/UCRT2004593.pdf	SCOPUS
E-Saver	Rashida Farsath	CSE	International Journal of Creative Research Thoughts	2020	2320-2882	https://ijcrt.org/	https://www.ijcrt.org/papers/UCRT2006527.pdf	SCOPUS
Automatic diagnosis of diabetic retinopathy with the aid of adaptive average filtering with optimized deep convolutional neural network	Renjith V. Ravi	ECE	International Journal of Imaging Systems and Technology, Wiley	2020	1098-1098	https://onlinelibrary.wiley.com/journal/10981098	https://onlinelibrary.wiley.com/doi/abs/10.1002/ima.22419	Web of Science and Scopus
Enhanced Route Selection (ERS) algorithm for IoT enabled smart waste management system	Renjith V. Ravi	ECE	Environmental Technology & Innovation, Elsevier	2020	2352-1864	https://www.sciencedirect.com/journal/environmental-technology-and-innovation	https://www.sciencedirect.com/science/article/abs/pii/S2352186420314164	Web of Science and Scopus
Optimization algorithms, an effective tool for the design of digital filters; a review	Renjith V. Ravi	ECE	Journal of Ambient Intelligence and Humanized Computing, Springer	2020	1868-5146	https://www.springer.com/journal/12652	https://link.springer.com/article/10.1007/s12652-019-01431-x	Web of Science and Scopus
Mechanical, thermal and fatigue behaviour of surface treated novel Caryota urens fibre reinforced epoxy composite	Dr G Ramesh	ME	Biomass Conversion and Biorefinery	2020	2190-6823	https://link.springer.com/	https://doi.org/10.1007/s13399-020-00938-0	SCIE
Effect of Nanosilica and Weave Geometry on Weld Properties of Friction Stir Welded Nylon 6-6 Thick Plates	Dr G Ramesh	ME	Silicon	2020	1876-9918	https://link.springer.com/	https://doi.org/10.1007/s12633-020-00845-z	SCIE
Thematic issue: energy provision from organic by-products, residues, and wastes in Asia	Dr Mubarak M	ME	Biomass conversion and biorefinery	2020	2190-6823	https://link.springer.com/	https://doi.org/10.1007/s13399-020-00906-8	SCIE
Evaluation of laterite soil stabilised using polymer stack fibers	Jeeja Menon, M.S. Ravikumar	CE	International Journal of Innovative Technology and Exploring Engineering	2019	2278-3075	https://www.ijitee.org/	http://iaeme.com/Home/issue/IJICE?Volume=9&Issue=2	Scopus
Determination and patching of coverage holes in hybrid WSN with energy aware routing	Sreeram S	CSE	International Journal of Scientific Research in Computer Science, Engineering and Information Technology	2019	2456-3307	https://ijsrceit.com/	http://dx.doi.org/10.32628/CSEIT1953159	UGC Care list

Capacity Utilization Based on Contention Window management in Mobile Ad hoc Network	Dr. Abdul Gafur M.	CSE	International Journal of Numerical Modelling: Electronic Networks, Devices and Fields WILEY	2019	1099-1204	https://onlinelibrary.wiley.com/journal/10991204?utm_source=resgate&utm_medium=referral&utm_term=journalhome&utm_content=1099-1204&utm_campaign=RD43W52	https://doi.org/10.1002/inm.2646	SCE
An Efficient Method for Frequent Itemset Mining on Temporal Data	Anish Kumar B	CSE	International Journal of Scientific Research in Computer Science, Engineering and Information Technology	2019	2456-3307	https://doi.org/10.32628/CSEIT1953162	https://ijsrcseit.com/CSEIT1953162	UGC CARE LIST

Predicting Chronic Disease by Monitoring Patients Updating Sensor Information with Big Health Application System	Ismail P K	CSE	International Journal of Scientific Research in Computer Science, Engineering and Information Technology	2019	2456-3307	https://ijsrcseit.com/	https://ijsrcseit.com/CSEIT1953169	UGC Care list
A Methodological Approach for Early Melanoma Detection Using Smartphone Captured Images	Muhammad Shameem	CSE	International Journal of Scientific Research in Computer Science, Engineering and Information Technology	2019	2456-3307	https://ijsrcseit.com/	https://ijsrcseit.com/CSEIT1953160	UGC CARE LIST
Automatic Academic Paper Rating Based on Convolutional Neural Network	Shahad P	CSE	International Journal of Scientific Research in Computer Science, Engineering and Information Technology	2019	2456-3307	https://ijsrcseit.com/	https://ijsrcseit.com/CSEIT1953164	UGC Care list
User Authentication by Keystroke Dynamics Using Machine Learning Algorithms	Kasim K	CSE	International Journal of Scientific Research in Computer Science, Engineering and Information Technology	2019	2456-3307	https://ijsrcseit.com/	https://ijsrcseit.com/CSEIT1953137	UGC CARE LIST
Intelligent Facial Emotion Recognition	Harish Binu K P	CSE	International Journal of Scientific Research in Computer Science, Engineering and Information Technology	2019	2456-3307	https://ijsrcseit.com/	https://ijsrcseit.com/CSEIT1953161	UGC CARE LIST
Analysing Road Accident Criticality using Data mining	Nithin Ramakrishnan	CSE	International Journal of Scientific Research in Computer Science, Engineering and Information Technology	2019	2456-3307	https://ijsrcseit.com/	https://ijsrcseit.com/CSEIT1953138	UGC CARE LIST
Digital watermarking techniques for image security: a review	Renjith V. Ravi	ECE	Journal of Ambient Intelligence and Humanized Computing, Springer	2019	1868-5145	https://www.springer.com/journal/12652	https://link.springer.com/article/10.1007/s12652-019-01500-1	Web of Science and Scopus
A face change of Monophonic Dominating Sets by non-adjacency in Graphs,	A. Sadiquali, P. Arul Paul Sudhahar.,	DMS	Intl. Journal of Inn. Tech. and Exploring Engg., 8.7(2019). (Scopusindexed)	2019	ISSN: 2278-3075	https://www.ijitee.org	https://www.ijitee.org/wp-content/uploads/papers/v8i7/G6360058719.pdf	Scopus
Experimental investigation on performance and emission characteristics of a common rail direct injection engine using tyre pyrolytic biofuel	Dr. Shahir VK	ME	Journal of King Saud University	2018	1018-3647	https://www.sciencedirect.com/	https://doi.org/10.1016/j.ijksues.2018.05.004	UGC Care list