

Research Publication

| 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 | | |
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| | | | | | | Link to website of the Journal | Link to article / paper / abstract of the article | Is it listed in UGC Care list |
| Performance Assessment of Parabolic Trough Collector Receiver with Al ₂ O ₃ Nanofluid | Milind S. Patil | Mechanical Engineering | Journal of Water and Environmental Nanotechnology | 2022 | Print ISSN: 2476-7204 Online ISSN: 2476-6615 | http://www.jwent.net/ | http://www.jwent.net/article_254983_874fce7d593a341a5be7b22a19c6b64.pdf | SCOPUS |
| Performance Analysis and ANN Modeling of Solar Parabolic trough Collector | Milind S. Patil | Mechanical Engineering | Applied Solar Energy | 2022 | ISSN 0003-701X, | https://www.pleiades.online/en/journal/app-solen/ | https://link.springer.com/article/10.3103/S0003701X22040119 | SCOPUS |
| Investigation of the Impact of Augmented Reality Technology on Interactive Teaching Learning Process | P. P. Kudale | Mechanical Engineering | International Journal of Virtual and Personal Learning Environments | 2022 | Print: ISSN:1947-8518 Online: ISSN:1947-8526 | https://www.igi-global.com/journal/international-journal-virtual-personal-learning/1134 | https://www.igi-global.com/article/investigation-of-the-impact-of-augmented-reality-technology-on-interactive-teaching-learning-process/285594 | SCOPUS |
| Numerical Analysis and ANN Modeling of the Intercooled, Reheat and Regenerative Gas Turbine Cycle | Milind S. Patil | Mechanical | IoT Based Control Networks and Intelligent Systems | 2022 | 10.1007/978-981-19-5845-8_17 | https://link.springer.com/chapter/10.1007/978-981-19-5845-8_17 | https://link.springer.com/chapter/10.1007/978-981-19-5845-8_17 | SCOPUS |
| A review on effects of process parameters in milling challenging materials under nanofluid-based MQL conditions | Dr.S.D.Kalpande | Mechanical | Industrial Lubrication and Tribology | 2022 | 1463-6697 | https://www.emerald.com/insight/publication/issn/0036-8792 | https://www.emerald.com/insight/publication/issn/0036-8792 | SCOPUS |

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| Microstructural study of blended concrete containing multiple admixtures | Dr.V.N.Kanthe | Civil | Journal of Building Pathology and Rehabilitation | 2022 | 2365-3167 | https://link.springer.com/article/10.1007/s41024-022-00246-2 | https://link.springer.com/article/10.1007/s41024-022-00246-2 | SCOPUS |
| Methodology for the Parameter estimation of Diode model for PV cell | Dr. Rahul Agrawal | Electrical Engineering | Mathematical Statistician and Engineering Applications | 2022 | ISSN: 2326-9865 | | | SCOPUS |
| Review on Design and Battery Optimization Techniques in Electrical Vehicle Take-off and Landing Vehicles | Dr. C. D. Mohod, S. V. Shinde & K. R. Pagar | Mechanical Engineering | International Journal of Innovative Research in Science, Engineering and Technology | 2022 | Print: ISSN:2347-6710 Online: ISSN:2319-8753 | -- | | OTHER |
| “Modification of Two Wheeler to Run on LPG Fuel” | S H Kondo | Mechanical Engineering | International Journal of Advance Research and Innovative Ideas in Education | 2022 | Online ISSN: 2395-4396 | -- | | OTHER |
| Design and Analysis of Adjustable Facility for Cattle Transport Vehicles | S S Patil | Mechanical Engineering | International Journal of Advance Research and Innovative Ideas in Education | 2022 | ISSN: 2395-4396 | -- | | OTHER |
| Experimental Investigation of Use of epoxy resin in floor topping | Ajay G Chaudhari, | Civil Engineering | International Journal of Advance Research and Innovative Ideas in Education | 2022 | ISSN: 2395-4396 | http://ijariie.com/ForDetails.aspx?MenuScriptId=216244 | http://ijariie.com/ForDetails.aspx?MenuScriptId=216244 | OTHER |

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| Performance of Different Shapes of Building with Different Positions, Shapes of Outrigger System | Pallavi Padalkar, Sneha S Salkade | Civil Engineering | International Journal of Advanced Research in Science, Communication and Technology (IJARSCT) | 2022 | ISSN: 2581-9429 | https://ijarsct.co.in/Paper2747.pdf | https://ijarsct.co.in/Paper2747.pdf | OTHER |
| Citrus Bio-Enzyme Production and application for waste water treatment | Vishaka V. Pawar | Civil Engineering | International Journal of Advanced Research and innovative Ideas in education | 2022 | ISSN: 2395-4396 | http://ijariie.com/ForDetails.aspx?MenuScriptId=216244 | http://ijariie.com/ForDetails.aspx?MenuScriptId=216244 | OTHER |
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| Potential of Green Hydrogen with its Various Generation Methods | Prof. Sunil More Prof. Nilima BhamarE | Electrical Engineering | IJARSE | 2022 | ISSN 2319-8354 | https://www.ijarse.com/currentissue3.php?id=3301 | https://www.ijarse.com/images/fullpdf/1650014685_N3019.pdf | OTHER |
| Tri-Hybrid Electricity Generation Method by using Microbial Fuel Cell, Solar and Wind Energy | Prof. Sunil More Prof. Nilima BhamarE | Electrical Engineering | IJARSCT | 2022 | ISSN: 2581-9429 | https://ijarsct.co.in/febi2.html | https://ijarsct.co.in/Paper2737.pdf | OTHER |
| A Review on Smart Electrical Vehicle Charging Station | Rajan Patel | Electrical Engineering | IJSREM | 2022 | ISSN: 2582-3930 | -- | | OTHER |

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| Power Quality Analysis of the Educational Institute – Guru Gobind Singh College of Engineering & Research Centre | Bhimrao G. Dabhade, Nikhil Mate | Electrical Engineering | IRJET | 2022 | ISSN: 2395-0056 | -- | | OTHER |
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| Implementation of Reliability Centered Maintenance for Transformer | Nikhil Mate | Electrical Engineering | International research journal of engineering and technology. | 2022 | ISSN: 2395-0056 | -- | | OTHER |
| Design And Development Of Key Port Operated By Side Stand And Footrest Operated By Switch | R S Khandare | Mechanical Engineering | International Journal of Scientific Research in Engineering and Management | 2022 | ISSN: 2582-3930 | -- | | OTHER |
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| Review on Failures, Design and Material Optimization Techniques in Aircraft Landing Gear Mechanism | Keshav R Pagar | Mechanical | "International Journal for Research in Applied Science and Engineering Technology (IJRASET) " | 2022 | ISSN: 2321-9653 | https://doi.org/10.22214/ijraset.2023.49102 | https://doi.org/10.22214/ijraset.2023.49102 | OTHER |
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| Determining properties of lateritic soil using fly ash and coir fibers and optimizing the results | Pallavi A. Padalkar | Civil | International Journal of Research and Analytical Reviews | 2022 | 2349-5138 | https://www.ijrar.org/viewfull.php?&p_id=IJRAR22C1645 | https://www.ijrar.org/viewfull.php?&p_id=IJRAR22C1645 | OTHER |
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| Grape Quality Prediction With Pre-Post Harvesting Using Fusion Deep Learning | Nisha Patil | Computer Engineering | IJFANS International Journal of Food and Nutritional Sciences | 2022 | 2319 1775 | https://www.researchgate.net/publication/367524979_GRAPE_QUALITY_PREDICTION_WITH_PRE-POST_HARVESTING_USING_FUSION_DEEP_LEARNING | https://www.researchgate.net/publication/367524979_GRAPE_QUALITY_PREDICTION_WITH_PRE-POST_HARVESTING_USING_FUSION_DEEP_LEARNING | OTHER |
| Investigation of the Impact of Augmented Reality Technology on Interactive Teaching Learning Process | P P Kudale | Mechanical Engineering | IJVPLE | 2022 | 10.4018/ijvple.285594 | https://www.igi-global.com/article/investigation-of-the-impact-of-augmented-reality-technology-on-interactive-teaching-learning- | https://www.igi-global.com/article/investigation-of-the-impact-of-augmented-reality-technology-on-interactive-teaching-learning- | OTHER |