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| 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 |
| Design and Simulation of 100 KW Photovoltaic Grid Connected System Using Boost Convertor and MPPT Technique  | Parwinder Singh | Electrical engineering | International Journal of Scientific Research & Engineering Trends  | 2023-2024 | 2395-566 | <https://ijsret.com/> | <https://ijsret.com/wp-content/uploads/2024/03/IJSRET_V10_issue2_273.pdf> | YES |
| Regionallizes control of microgrid using matlab/simulink | Baljit kaur | Electrical engineering | International Journal of Scientific Research and Engineering Development | 2023-2024 | 2581-7175 | <https://www.ijsred.com/> | <https://ijsred.com/volume6/issue4/IJSRED-V6I4P123.pdf> | YES |
| Fault location for transmission lines based artificial neural network | Kamaljeet Singh | Electrical engineering | Journal of Emerging Technologies and Innovative Research | 2023-2024 | 2349-5162 | <https://www.jetir.org/>  | <https://www.jetir.org/papers/JETIR2307019.pdf> | YES |
| Neutral network based fault detection in pv system enhancing performance with pelican optimization algorithm | Kamaljeet Singh | Electrical engineering | Journal of Emerging Technologies and Innovative Research | 2022-2023 | 2349-5162 | [https://www.jittr.com](https://www.google.com/aclk?sa=l&ai=DChcSEwjVrJa46sKLAxUQxjwCHZ4BH4YYABABGgJzZg&ae=2&aspm=1&co=1&ase=5&gclid=CjwKCAiA8Lu9BhA8EiwAag16b5zk5gAngrGvAewDiii2BwACkFTyoUqQ-oMngFeIV0UZadWG_7aC-RoC7AkQAvD_BwE&sig=AOD64_2akStUT9d25609pZqSh3sZd99oCw&q&adurl&ved=2ahUKEwic1Y-46sKLAxV-xzgGHVKvJL8Q0Qx6BAgJEAE) | <https://www.jetir.org/papers/JETIR2306646.pdf> | YES |
| Prediction of Predicting the Monthly Electricity Charges of Households | Baljit kaur | Electrical engineering | International Journal of scientific Reasearh and Engineering Development | 2022-2023 | 2581-7175 | <https://www.ijsred.com/> | <https://ijsred.com/volume6/issue1/IJSRED-V6I1P107.pdf> | YES |
| Prediction of Excitation Current in a Synchronous Motor Using Machine Learning | Baljit kaur | Electrical engineering | International Journal of scientific Reasearh and Engineering Development | 2022-2023 | 2581-7175 | <https://www.ijsred.com/> | https://ijsred.com/volume6/issue1/IJSRED-V6I1P106.pdf | YES |
| A Review: Load Flow Analysis by using IEEE 9 Bus system and three machines | Ankush Sood | Electrical engineering | International Conference on Recent Innovations in Science, Engineering, and Technology | 2022-2023 | 2349-5162 | [hhttps://www.ijsred.com/](https://www.ijsred.com/) | <https://www.jetir.org/papers/JETIR2210408.pdf> | YES |
| A Detailed Investigation and Testing of Grid Voltage Oriented Sliding Mode Control for DFIG  | Baljit kaur | Electrical engineering | International Journal of Trend in Scientific Research and Development | 2020-2021 | 2456-6470 | <https://www.ijsred.com/> | <https://www.ijtsrd.com/papers/ijtsrd38368.pdf> | YES |
| Design and Control of Micro grid Fed by Renewable Energy Generating Sources | Baljit kaur | Electrical engineering | International Journal of Trend in Scientific Research and Development | 2020-2021 | 2456-6470 | <https://www.ijtsrd.com/> | <https://www.ijtsrd.com/papers/ijtsrd38240.pdf> | YES |
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