

**Electrical Engineering Department**  
**Publications (2023-2024)**  
**International Journal**

1. Barnali Kundu, Subhamoy Dey, Souvik Pal, Aniruddha Sengupta, Manoshi Biswas, “Automated Transmission Line Fault Detection using Distance Locator”, American Journal of Advanced Computing, American Journal of Advanced Computing, Volume 2, Issue 1, pp. 1-5. (ISSN NO:2368-1209). <https://doi.org/10.15864/ajac.21014>
2. Barnali Kundu, Dwaipayan Mazumdar, Debmalya Das, Sujoy Ghati, Arnab Dutta, “Design of Two stage Isolated Bidirectional Converter for Plug-in Electric Vehicles”, YMER, July, 2023 (ISSN NO: 0044-0477). DOI: 10.37896/YMER22.07/45
3. Sumangal Bhaumik, Aveek Chattopadhyaya, Titas Bhaumik, Suman Ghosh, Shyamal Roy, Amit Debnath, Pinaki Biswas, "Transient Behavior Analysis of Induction Motor in Grid Connected PV Microgrid Using ETAP and MATLAB", Journal For Basic Sciences, Volume 23, Issue 12, pp. 251-259, December 2023, Impact Factor: 6.1, ISSN NO : 1006-8341. (Scopus Indexed). DOI:10.37896/JBSV23.12/2763.
4. Suparna Biswas, Sayan Roy Chaudhuri, Aveek Chattopadhyaya, Sumedha Bhattacharya, Gautam Kr Das, Sumangal Bhaumik, Titas Bhaumik, “Machine Learning Based ECG Signal Classification”, Journal For Basic Sciences, Volume 24, Issue 1, pp. 367-2377, 22.01.2024, ISSN NO : 1006-8341. DOI:10.37896/JBSV24.1/2832
5. Shyamal Kumar Roy, Aveek Chattopadhyaya, Suman Ghosh, Amit Debnath, “Design of Three Phase Inverter Fed AC Drive”, Technische Sicherheit (Technical Security), Volume 24, Issue 03, pp. 201-211, 20/03/2024, ISSN NO.: 1434-9728. DOI:22.8342.TSJ.2024.V24.3.01308
6. Barnali Kundu, Debasree Saha, Suman Ghosh, Arpan Das “Development of a Photovoltaic-Powered Electrolyzer for Sustainable Green Hydrogen Production”, Technical Security Journal, Vol.24 , issue.4, April, 2024 (ISSN:2191-0073). DOI:22.8342.TSJ.2024.V24.4.01452
7. Mainak Das, Suman Ghosh, Barnali Kundu, Vishal Roy, Arpan Kumar, Akash Das, “Cost Effective Solar Powered Wireless Mobile Charger”, Journal of Basic Science, Vol.24 , issue.5, June, 2024 (ISSN NO: 1006-8341). DOI:10.37896/JBSV24.6/3199

8. Tista Banerjee, Sumangal Bhaumik, Aveek Chattopadhyaya, Titas Bhaumik, Shubham Kar, Surajit Paul, "Parameter Estimation of Three Phase Induction Motor using Gravitational Search Algorithm for DTC", Journal For Basic Sciences, Volume 24, Issue 06, pp. 566-576, 27.06.2024, ISSN NO : 1006-8341. DOI:10.37896/JBSV24.6/3216

10. Debasree Saha, Barnali Kundu, Amit Debnath, Arpan Das, "A REVIEW OF FAULT DIAGNOSIS IN AC MICRO-GRIDS BY MACHINE LEARNING", YMER (Publisher: University of Stockholm) Volume 23, Issue 6, (June) - 2024, p.p. 1215-1230, (SCOPUS indexed), UGC Care -II, ISSN : 0044-0477. DOI: 10.37896/YMER23.06/93