Publication Details:

- Wide power control of high-gain and compact quasi Z-source inverter in remote and sustainable solar water pumping system, PK Gayen, S Das, Sustainable Energy Technologies and Assessments 74, 104173, 2025
- Controller design and performance study of DC-DC bidirectional converter for speed regulation of permanent magnet direct current machine, PK Gayen, S Das, Engineering Review, 2024
- A Review on Various High Gain Non Isolated DC DC Converters for Renewable Energy Interfaced DC Micro Grid Applications, BD Biswamoy Pal, Jit Mondal, Partha Das, Sudip Das Computational Techniques in Modern Engineering Research, 235 245, 2024.
- Chapter-31 Design and Development of Solar Electric Vehicles Charge Monitoring System using IoT, S Das, PK Gayen, M Sasmal, B Dey, A Pandey, B Roy, S Neogi, Computational Techniques in Modern Engineering Research, 283, 2024.
- Chapter-30 A Low-Cost Human Independent Smart Irrigation System, G Roy, D Upadhaya, P Das, S Das, B Pal, B Dey, M Sasmal, I Halder, Computational Techniques in Modern Engineering Research, 271, 2024
- Chapter-27 A Review on Various High Gain Non-Isolated DC-DC Converters for Renewable Energy Interfaced DC Micro Grid Applications, B Pal, J Mondal, P Das, S Das, B Dey, M Sasmal, A Dhar, Computational Techniques in Modern Engineering Research, 235, 2024
- Reforming Indian Power Sector: A Study on Journey towards Competitive Electricity Market, P Das, R Mitra, B Pal, S Das, B Dey, M Sasmal, A Halder, S Rakib, Computational Techniques in Modern Engineering Research, 261, 2024
- Adaptive shoot-through duty ratio control methodology of stand-alone quasi Z-source inverter, PK Gayen, PK Dhara, S Das, A Shrivastav, Engineering Review, 2023
- An Enhanced Ultra-High Gain Quasi Z-source Inverter, P Gayen, S Das, Authorea Preprints, 2023
- Tribrid IoT-based intelligent washing machine, A Dhar, S Das, S Adhikari, PK Gayen, S Pal, AJ Obaid, MR AL-Hameed, AIP Conference Proceedings 2845 (1), 2023
- Quality and leakage detection based water pricing scheme for multi-consumer building with real-time implementation using IoT, S Das, PK Gayen, S Pal, A Nayyar, Multimedia Tools and Applications 82 (17), 26317-26352, 2023
- Improved Preprocessing Strategy under Different Obscure Weather Conditions for Augmenting Automatic License Plate Recognition, S Som, PK Gayen, S Das, Proceedings of Engineering and Technology Innovation 24, 29-40, 2023
- > Portable Cloth Drying Device, BP Sudip Das, Biswarup Niogi, 2023
- A Review on Techniques of Power Transmission Lines Congestion Management in Deregulated Electricity Market, P Das, R Mitra, B Dey, S Das, B Pal, M Sasmal, D Upadhaya, G Roy, Journal of Mines, Metals and Fuels, 394-397, 2023
- New Approach for Reducing Impact of Sand Storm and Subsequent Deposition on Solar Panel in Desert Area, S Das, P Kumar Gayen, D Datta, International Journal of Computing and Digital Systems 12 (1), 687-706, 2022
- Optimization of Microgrid Operation under the Diffusion of Solar and Wind Plant with Special Attention on Environment, P Biswas, S Das, B Pal, P Das, M Sasmal, P Ray, Journal of Physics: Conference Series 2286 (1), 012016, 2022
- Multi sensor based smart medical ring for health monitoring system, B Paul, B Chakraborty, A Dhar, S Adhikari, S Saha, P Biswas, P Das, Journal of Physics: Conference Series 2286 (1), 012004, 2022

- Review on Power System Reliability Indices and Evaluation Techniques, P Das, S Das, P Biswas, P Roy, B Pal, M Sasmal, A Dhar, B Kundu, ..., Journal of Physics: Conference Series 2286 (1), 012023, 2022
- Intensity Based Maximum Power Point Tracking Algorithm for Assisting Energy Management in Solar Application, SD P.Gayen, International Journal of Industrial Electronics and Electrical Engineering ...2022
- An enhanced ultra-high gain active-switched quasi Z-source inverter, PK Gayen, S Das, IEEE Transactions on Circuits and Systems II: Express Briefs 69 (3), 1517-1521, 2021
- Design and development of fire fighting system using hot redundant PLC in COVID situation, S Das, A Dhar, A Das, PK Gayen, B Pal, P Biswas, Journal of Physics: Conference Series 1797 (1), 012049, 2021
- Design and development of IoT based Smart Security System in Covid19 situation, S Das, A Dhar, B Pal, P Biswas, PK Gayen, S Majumder, Journal of Physics: Conference Series 1797 (1), 012048, 2021
- SOLAR PV ARRAY BASED HYBRID WATER PUMPING SYSTEM USING INDUCTION MOTOR DRIVE, S Das, S Chakraborty, P Dey, K Mistri, A Mondal, S Hazra, International Research Journal of Modernization in Engineering Technology, 2021
- INCLUSION OF QUALITY STANDARD IN WATER PRICING POLICY, PK Gayen, S Das, PalArch's Journal of Archaeology of Egypt/Egyptology 17 (7), 13433-13454, 2020
- Development of Continuous Solar Health Monitoring and Management System, S Das, PK Gayen, D Datta, Proceedings of Industry Interactive Innovations in Science, Engineering ...2020
- Automatic Movable Drip Irrigation System Using IoT, S Das, A Dhar, PK Gayen, P Biswas, P Saha, P Das, 2nd International Conference on Non-Conventional Energy: Nanotechnology ...2019
- Dermatology referral of inpatients from other disciplines: pattern and impact on managent of patients in a tertiary care hospital, D Pal, P Biswas, S Das, A De, PK Das, A Ansari, N Sharma, J Indian Med Assoc 117, 18-24, 2019
- Design and development of Arduino based automatic soil moisture monitoring system for optimum use of water in agricultural fields, S Das, B Pal, P Das, M Sasmal, P Ghosh International Journal of Engineering Research and Science 3 (5), 15-19, 2017
- Design & Development of Dual Axis Solar Tracking System to Get Optimum Power, Sudip Das, Biswamoy Pal, Milan Sasmal, International Journal of Innovations in Engineering and Technology (IJIET) 6 (4), 2016
- Study The Effect of Modulation Index on Power Quality of Reduced Switch MLI, PM, B Pal, S Das, P Das, M Sasmal, 2015
- Digital simulation of a statcom based on twelve pulse VSC for voltage control application in power system, S Pal, S Dalapati, S Biswas, SS Ghosh, S Das, Indian Journal of Scientific Research 3 (2), 135-144, 2012, Technology and applications
- An APPROACH for AUTOMATIC GENERATION CONTROL by STEPPER MOTOR USING With PIC16F72 MICROCONTROLLER, S Das, S Mal, S Pal, D Das, Real Time Power System and Sub Synchronous Inter Harmonics, M Sasmal, B Pal, S Das, P Das, International Journal of Advanced Engineering, Management and Science.
- Design & Analysis of off-Grid 2kW PV Array System, S Das, A Pramanick, D Debnath, S Chakraborty, A Datta, T Roy, KM Sayef, International Journal of Engineering Research & Technology (IJERT), Articles 1–36.