



IJEI

The peer-reviewed International Journal

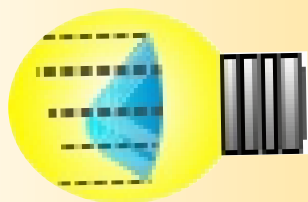
Research in Science & Technology

e-ISSN: 2278-7461

Volume : 14 Issue : 5

p-ISSN: 2319-6491

Contents :



IJEI

The peer-reviewed International Journal

Research in Science & Technology

Big Data and Artificial Intelligence Implementation for Sustainable HSE Practices in FMCG	01-07
Digital Twin Technology in Water Treatment: Real-Time Process Optimization and Environmental Impact Reduction	08-15
The Role of Robotics in Sustainable Manufacturing: Waste Reduction and Process Optimization	16-23
Effectiveness of Palm Oil Waste Cooling Media to Increase Surface Hardness of AISISAE 1020 Steel Under Pack Carburizing Quenching	24-27
An overview of the development of hydraulic mounting systems for internal combustion engines	28-33
Interaction of Antimalarial Drug (Artemisinin) With Bovine Serum Albumin Using Uv-Visible Spectroscopic Technique	34-37
Advancing circular organic agriculture: integrating waste-to-resource systems for sustainable farming	38-42
Optimizing smart grid performance using machine learning and IoT technologies	43-47
Study on the Production of High-Manganese Steel Powder by Mechanical Milling Method	48-52
Enhancing volleyball skills development for first- and second-year students at Thai Nguyen University of Technology	53-57
Enhancing soccer performance through targeted training programs for university students: A case study at Thai Nguyen University of Technology	58-62
Integrating pickleball into the physical education curriculum at Thai Nguyen University of Technology: Enhancing physical and cognitive skills for first-year engineering students	63-67
Overview Study on Laser Surface Hardening Technology and Its Applications	68-75
Domain Decoders	76-80
Dynamic Fraud Monitoring In Transaction Streams	81-86