

Title	Page Number
Cover	
ENGINEERING (MISCELLANEOUS)	
Intelligent Adaptive PID Control for Ship Motion Using Radial Basis Function Artificial Neural Networks	1-13
A Hybrid Intelligent Control Design for Improving the Quality of Petroleum Products	14-26
Artificial Neural Network Control of DC-DC Buck Converters: Improved Transient Response and Robustness under Variable Loads	27-36
Epileptic Seizure Detection From EEG Using Machine Learning with Explainable AI	37-47
A Systematic Literature Review of Computer-Based Blockchain Enhancements Using AI Techniques as an e-Governance Security	48-57
Context-Aware Hybrid Text Generation Integrating Bidirectional Long Short-Term Memory Sequencing with Semantic Clustering	58-70
A Dual Band Substrate Integrated Waveguide Antenna with DRA for 5G Mobile Application	71-80
MECHANICAL ENGINEERING	
Elimination of Earing Defects in Square Cup Deep Drawing Using an Inverted Die Design for Different Materials	81-90
Towards Digital Twin-Enabled Laser Welding: Opportunities, Challenges, and a Hybrid Framework for Industrial Deployment	91-100
MATERIAL SCIENCE (MISCELLANEOUS)	
DFT+U Study of Fe-Doping Enhanced Random Lasing in ZnO Nanorods: Quantum Confinement and Vacancy Effects	101-113