



Contents :

Artificial Neural Network-Based Prediction and Mapping of Elephant Corridors in West Bengal Using Geospatial and Environmental Variables	01-06
Study on Charged Particle Distribution According to Dielectric Thickness Variation in a DBD Cell Using 2D Simulation	07-10
An Overview of ECG Arrhythmia Classification Methods	11-27
Dynamic Simulation of Induction Motor Under Variable Load Condition and Fault Conditions	28-34
Adaptive Control Strategies and MRAC-Based Battery Management Systems	35-44
The Influence of Human Resources on Supply Chain Optimization in Sustainable Road Construction Projects	45-53
Screen Time and Child Development: An Ayurvedic Perspective	54-59
Swarm Knowledge Exchange: An Edge-Assisted Semantic Communication Framework for Resource-Constrained Multi-Robot Systems	60-68
Development of a Home Energy Management System Using Fuzzy Logic and a Genetic Algorithm	69-73
Self-Healing AI-Enhanced Web Applications: A Runtime Observability and Recovery Framework	74-77
Additive versus Multiplicative Neuron Surrogates for Predicting the Structural Response of Steel Roof Trusses	78-82
Computational Modelling of Drug-Likeness, Absorption, Distribution, Metabolism and Putative Biological Targets of Ethyl Esters 4-Chlorethoxy (Aryl Phosphoryl) Acetic Acids	83-94
Sustainable Post-Covid-19 Public Space in The Prambanan Temple Area, Central Java: A Social Design Practice Approach	95-104
Librivexa: An Intelligent Knowledge Discovery Platform Integrating Book Recommendations, Conversational Assistance and QR-Based Resource Access	105-111
QRISKSENTRA: A Real-Time QR Code Safety and Risk Detection System	112-124