Basic Information :

Name :	Mohamed Abdallah Mahmoud Shaheen
Title :	Lecturers

Education:

Certificate	Major	University	Year
PhD			2025
Masters			2020
Bachelor			2016

Teaching Experience:

Name Of Organization	Position	From Date	To Date
FUE	Lecturer	05/02/2017	Current

Researches / Publications :

Physics-informed reinforcement learning for supercapacitor parameter estimation across charging and discharging intervals
A chaos game optimization algorithm-based optimal control strategy for performance enhancement of offshore wind farms
Various Control Techniques for Converter-Based DC Power Transmission in Offshore Wind Systems: A Comprehensive Review
Enhanced transient search optimization algorithm-based optimal reactive power dispatch including electric vehicles
Solution of Probabilistic Optimal Power Flow Incorporating Renewable Energy Uncertainty Using a Novel Circle Search Algorithm
A PEMFC model optimization using the enhanced bald eagle algorithm
Probabilistic Optimal Power Flow Solution Using a Novel Hybrid Metaheuristic and Machine Learning Algorithm
Precise modeling of PEM fuel cell using a novel Enhanced Transient Search Optimization algorithm
Precise modeling of PEM fuel cell using improved chaotic MayFly optimization algorithm
A novel hybrid GWO-PSO optimization technique for optimal reactive power dispatch problem solution
Solving of Optimal Power Flow Problem Including Renewable Energy Resources Using HEAP Optimization Algorithm
OPF of Modern Power Systems Comprising Renewable Energy Sources Using Improved CHGS Optimization Algorithm
Proton Exchange Membrane Fuel Cells Modeling Using Chaos Game Optimization Technique
Optimal Power Flow of Power Networks with Penetration of Renewable Energy Sources By Harris hawks Optimization Method
Optimal Power Flow of Power Systems Using Hybrid Firefly and Particle Swarm Optimization Technique
Optimal Power Flow of Power Systems Including Distributed Generation Units Using Sunflower Optimization Algorithm

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