



SENGUNTHAR ENGINEERING COLLEGE
(AUTONOMOUS)
NAAC Accredited with 'A' Grade,
(Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai)
Recognized Under Section 2(f) & 12(B) of the UGC Act, 1956
TIRUCHENGODE- 637 205



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

ACADEMIC YEAR: 2024-2025

FACULTY PUBLICATIONS

S.No.	Name of the Faculty	Title	Details
1.	Dr.C.Aarthi Prof & Head / ECE	An Analysis power system fault classifier using neural network	PREGLAD ELECKTROTECHNICZNY JULY 2024 ISSN: 0037-2097
2.	Dr.C.Aarthi Prof & Head / ECE	Secured Cyber-Internet Security in Intrusion Detection with Machine Learning Techniques	International Journal of Computational and Experimental OCTOBER 2024 ISSN: 2149-9144
3.	Mrs.D.Ramya AP / ECE	A Complete Review on DC-to-DC Converter Topologies for Energy Sustainable Electro-mobility under Environmentally Heterogeneous Power Conditions	Journal of Environmental Nanotechnology SEPTEMBER 2024
4.	Mr.P.Sivasankaran AP / ECE	Hybrid deep models for parallel feature extraction and enhanced emotion state classification	Scientific reports October 2024 ISSN 2045-2322



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5.	Dr.C.Aarthi Prof & Head / ECE	Classification of tomato leaf disease using Transductive Long Short-Term Memory with an attention mechanism	Frontiers in Plant Science January 2025
6.	Mr.P.Sivasankaran AP / ECE	Optimized deep learning models for stress-based stroke prediction from EEG signals	Discover Applied Sciences May 2025
7.	Dr.C.Aarthi Prof & Head / ECE	Multi-Joint Symmetric Optimization Approach for Unmanned Aerial Vehicle Assisted Edge Computing Resources in Internet of Things-Based Smart Cities	Symmetry ISSN: 2073-8994
8.	Dr.C.Aarthi Prof & Head / ECE	HoneyFed Adaptive Deception With Federated Learning Strategy for Next-Generation Robust MANET Security	Concurrency and Computation: Practice and Experience

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