

Albertian Institute of Science & Technology, Kalamassery

Research Publications – Electrical & Electronics Engineering

Author	Title	Journal	Year	Category
Dr. Ani Harish	Fault Detection and Classification for Wide Area Backup Protection of Power Transmission Lines Using Weighted Extreme Learning Machine	IEEE Access, SCIE	2022	International
Dr. Ani Harish	Speed regulation of PMSM drive in electric vehicle applications with sliding mode controller based on Harris Hawks optimization,	Elsevier e-prime, Scopus	2024	International
Dr. Ani Harish	Classification of Power Transmission Line Faults Using an Ensemble Feature Extraction and Classifier Method	International Conference on innovative Communication technology, Scopus	2021	International
Dr. Ani Harish	A Data-Driven Machine Learning Model for Transmission Line Faults Detection and Classification for the Smart Grid	Smart Energy and Advancement in Power Technologies, Scopus	2023	International
Dr. Ani Harish	Evaluation Of Wavelet Transform Based Feature Extraction Techniques For Detection And Classification Of Faults On Transmission Lines Using WAMS Data	Advances in Electrical and Electronic Engineering, ESCI and Scopus	2023	International
Dr. Ani Harish	A Comparative Evaluation of Stacked Auto-Encoder Neural Network and Multi-Layer Extreme Learning Machine for Detection and Classification of Faults on Transmission Lines Using WAMS Data	Energy and AI, Scopus	2023	International
Dr. Linss T Alex	Game Theory for Distributed IoT Task Offloading with Fuzzy Neural Network in Edge Computing	IEEE Transactions on Fuzzy Systems	2022	International
Dr. Linss T Alex	UAV-Enabled Non-Orthogonal Multiple Access Networks for Ground-Air-Ground Communications	IEEE Transactions on Green Communications and Networking	2022	International
Dr. Linss T Alex	Design and Matlab Simulation of Persian Licence Plate Recognition Using Neural Network and Image Filtering for Intelligent Transportation Systems	ASP Transactions on Pattern Recognition and Intelligent Systems	2022	International
Dr. Linss T Alex	Edge-Centric Secure Service Provisioning in IoT-Enabled Maritime Transportation Systems	IEEE Transactions on Intelligent Transportation Systems	2021	International
Dr. Linss T Alex	Intelligent Framework Using IoT-Based WSNs for Wildfire Detection	IEEE Access	2021	International

Merin Antony	Smart Technique for rubber sheet drying mechanism using renewable energy systems	Recent innovations in science and technology	2023	International
Mr.Nobin Paul	Longitudinal acceleration-based guidance law inspired from hawk's attack against a maneuvering target	American Institute of Aeronautics and Astronautics	2022	International
Ms.Nirma Peter	Blue Economy and Marine Renewable Energy Including Generation of Offshore and Wind Energy, Tidal Energy and Wave Energy	Annual Technical Volume of Marine Engineering Division Board of The Institution of Engineers (India).	2021	National
Ms.Nirma Peter	Blue Economy and Marine Renewable Energy	Marine Engineers Review(India)	2020	National
Tiju Baby	Factors influencing Occupational Accidents A Statistical Analysis of Kerala,India	Disaster Advances	2021	National
Tiju Baby	A path model approach to safety compliance and personal factors among electrical workers in India	International Journal of Occupational Safety and Ergonomics (Jose)	2021	International
Tiju Baby	Occupational electrical accidents: Assessing the role of personal and safety climate factors	Safety Science	2021	International