Department of Electronics & Communication - Faculty Publications

2024

Sl.No.	Title	Name of Faculty	Conference/Journal	DOI
1	Development of an Iteration-Based Design Algorithm for High-Frequency Transformer Incorporated in Solid State Transformer	Dr. Shajmon K John	*1st International Conference on Trends in Engineering Systems and Technologies (ICTEST) 2024.*	10.1109/ICTEST60614.2024.10576098
2	Development of Iterative Algorithm for High-Frequency Transformer Used in Solid State Transformers and Its Validation via Finite Element Analysis	Dr. Shajmon K John	*IEEJ Journal of Industry Applications, Vol. 13.*	10.1541/ieejjia.24002562
3	An Iteration-Based Design Algorithm for High-Frequency Transformer in SSTs and Its Validation by Finite Element Analysis	Dr. Shajmon K John	*Journal of Engineering and Applied Science (Springer Berlin Heidelberg), Vol. 71*	10.1186/s44147-024-00474-y
4	Design and Functionality of an Agrobot	Nivea Kesav	*IEEE Conference Proceedings.*	10.1109/ICITIIT61487.2024.10580854.
5	Coronary Vessel Segmentation in X-ray Using U-Net	Dhanya S & Anjali SV	*ICCIS 2023, Lecture Notes in Networks and Systems, vol 969, Springer, Singapore*	10.1007/978-981-97-2082-8_5
6	Fish Feed Dispenser Using Drone and IoT-Based Water Quality Monitoring System in Sea Cage Aquaculture	Anjali SV & Dhanya S	*AIP Conf. Proc. 3031, 020002 (2024*	10.1063/5.0195250
7	Maximizing Wireless Connectivity Using Arrays of Microstrip Patch Antenna for WLAN Application	Prathibha Sudhakaran	*IRJET, Vol. 11, Issue 06, June 2024.*	
8	An End-to-End Deep Learning Approach for an Indian English Repository	Prathibha Sudhakaran	*Journal of Theoretical and Applied Information Technology, Vol. 102, No. 3, 15th February 2024.*	