



NANDHA COLLEGE OF TECHNOLOGY, ERODE – 52

Department of Electrical and Electronics Engineering

Academic Year 2022-23

Faculty Publication List

S.No.	Faculty Name	Title of the Paper Published	Name of the Journal
1	Mr.S.Saravanan	The high-efficiency supercapacitor electrodes influencing laser-induced nanomaterials with co-doped Nitrogen and Phosphorous	Materials Today: Proceedings
2	Mr.P.Balamurugan	A Certain Investigations on Energy Efficient Techniques on Wireless Sensor Networks over Smart Grid	Journal of Machine and Computing
3	Mr.S.Saravanan	The Intelligent Remote Control of Switchgear System using 4G Modem	International Research Journal of Education and Technology
4	Mrs.P.Hemalatha	Assessment of Soil Moisturization and Farm Weeding Techniques using Agricultural Robots	International Research Journal of Education and Technology
5	Mrs.S.Hemasilviavinothinini	Energy Meter with Automatic Electricity Bill Generation and Monitoring System	International Research Journal of Education and Technology
6	Mr.P.Balamurugan	Online Monitoring of Transformer Status Using Wi-Fi Technology	International Research Journal of Education and Technology

7	Dr.J.Kumaresan	Modeling, validation and simulation of electric vehicles using MATLAB	AIP Conference Proceedings
8	Mrs.P.Hemalatha	Robotic Vehicle with Metal Detection	International Research Journal of Education and Technology
9	Dr.J.Kumaresan	Power Transformer Monitoring and Controlling using IoT	International Research Journal of Education and Technology

Book Publications by the Faculty

S.No	Name of the Faculty	Title of the Book/Book Chapter	Publisher Name	Year of Publication	ISBN Number
1	Dr.J.Kumaresan	Controlling of flux and Torque Vector controlled Induction Motor using Kalman Filter	Integrated Publications, New Delhi	2023	978-93-95118-20-0