NANDHA COLLEGE OF TECHNOLOGY, ERODE - 52

(Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai)

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

PUBLICATIONS OF FACULTY IN THE ACADEMIC YEAR 2022-23

S.No	Name of the Faculty	Title of the Paper Published	Name of the Journal
1.	Dr. R. Jayanthi	IoT Based Accident Prevention System in a Hilly Region using Ultrasonic Sensors	International Research Journal of Education and Technology
2.	Dr. R. Jayanthi	Empowering Independence: A Smart Glove for Gesture-Based Navigation of Physically Challenged Individuals with Arduino Technology	International Research Journal of Education and Technology
3.	Dr. S. Parthiban	Digital Irrigation Method Using Image Processing Techniques	International Research Journal of Education and Technology
4.	Dr. S. Parthiban	The high-efficiency supercapacitor electrodes influencing laser-induced nanomaterials with co-doped Nitrogen and Phosphorous	Materials Today: Proceedings
5.	Mrs. R.Thamaraiselvi	IoT Based Surveillance Robot for the Industrial Toxic Gas Detection and Monitoring System	International Research Journal of Education and Technology
6.	Mr. P. Vinoth kumar	A Systematic Review On Grided Wireless Charging Station for Electric Vehicle	International Research Journal of Education and Technology
7.	Mr. P. Vinoth kumar	Smart IoT and Assistive Technology for Independent Navigation of the Blind	International Research Journal of Education and Technology
8.	Mr. P. Vinoth kumar	Certain Investigation on Human Emotion Recogition System uisng IoT and Deep Learning-A Healthcare Applications	International Journal of Recent Research and Applied Studies
9.	Mr. D.Baskaran	AgriBot: The Smart Weeding System for Efficient Farming	International Research Journal of Education and Technology
10.	Mr. D.Baskaran	Alternate of Manual Weeding Tools: A Research into an Automatic Weeding Control Strategies Enabled by Embedded Systems	International Journal on Recent and Innovation Trends in Computing and Communication
11.	Mr. D.Baskaran	Smart Agriculture Ploughing tool for Agriculture using Embedded System.	South Asian Journal of Engineering and Technology

12.	Mr. T. Rajkumar	Vehicle to Vehicle Road Mishap Regulating using Visible Light Communication	International Research Journal of Education and Technology
13.	Mrs. K. Poornima	Implementation of Energy Efficient Approximate Multiplier using 4-2 Compressor for Images	International Research Journal of Education and Technology
14.	Mrs. K. Poornima	Design of 32 Bit Low Power and High Speed Square Root Carry Select Adder	International Jourrnal of Recent Research and Applied Studies
15.	Mrs. S. Amsaveni	Portable Low-Cost Ventilator for Controlling Arduino Based on IoT Technique	International Research Journal of Education and Technology
16.	Mrs. D.Gowthami	Smart Animal Health Monitoring System using IoT	International Research Journal of Education and Technology