

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Details of Publications (2021-2022)

1. A. Sathishkumar, T. Rammohan, S. Sathish Kumar, J. Uma, K. Srujan Raju, Aarti Sangwan, M. Sivachitra and M. Prabu “QoS Constrained Network Coding Technique to Data Transmission Using IoT” Computer Systems Science & Engineering, Vol.No: 43 , Issue No: 2, PP:531-544,ISSN: 2676192,2021(August).
2. C. Maheswari, A. S. Ramya, B. Meenakshi Priya, S. Sudhahar, B. Prabhu Raj, B. Lokesh, G. Ramani “Analysis and optimization on the biodegradable plate making process parameters using RSM-based Box–Behnken Design method” Journal of Material Cycles and Waste Management, Vol.No: 23 , Issue No: 6, PP: 2255-2265,ISSN: 1438-4957,2021(Sep).
3. Ramani G, Jamuna P, Suresh K P, Ajitha A J, Sivaprakash V “Real Time Monitoring of Energy Harvesting fields with battery Management system through smartWeb” International Journal of Mechanical Engineering, Vol.No: 6 , Issue No: 3, PP:1263-1267,ISSN:0974-5823,2021(December).
4. S. Thylashri, N. Manikandaprabu, T. Jayakumar, S. Vijayachitra, G. Kiruthiga “ Effective Techniques for Pedestrian Detection in Smart Autonomous Vehicles” Webology, Vol.No: 18 , PP:1176-1183,ISSN: 1735-188X,2021(September).
5. P.Jamuna, P.Abishek, S.Balakumaran, R. Manikandan, R.Srinithi“Smart Solar Inverter For Farm Shed” International Journal for Science and Advance Research in Technology (IJSART), Vol.No: 8 , Issue No: 3, PP:237-241,ISSN: 2395-1052,2022(March).
6. B.Ramraj, E.Aruna, A.Divya, S.Deepankumar, P.I.Neelakanda Pillai “Energy Efficient Smart Metering System Using IoT and GSM” International Journal for Science and Advance Research in Technology (IJSART), Vol.No: 8 , Issue No: 3, PP:200-205,ISSN: 2395-1052,2022(March).
7. C.Pratheeba, M.Bharanidharan, V.Harishvishnu, R.Kavinkumar, M.Vasimabbas “Smart Wheelchair Using Iot For Physically Challenged People” International Journal for Science and Advance Research in Technology (IJSART), Vol.No: 8 , Issue No: 5, PP:365-367,ISSN: 2395-1052,2022(May).
8. Arun kumar V, Deepak Arvinth A, Dhanabal S, Gokul C, Gokulraja S “Radio Frequency Based Location Data Transmission System in Remote Areas Without Mobile Network Communication” International Journal for Science and Advance Research in Technology (IJSART), Vol.No: 8 , Issue No: 3, PP:313-316,ISSN: 2395-1052,2022(March).
9. T.Jayakumar, G.Dhivya, M.Gobika, A.Kalaikumar, M.Jothishankarraj “ Pic Controller Based Load Response For Wind And Solar Integration To Improve Power System Reliability” International Journal for Science and Advance Research in Technology (IJSART), Vol.No: 8 , Issue No: 3, PP:616-620,ISSN: 2395-1052,2022(March).
10. K.Sathyasree, T.Dhiyanesh, S.Sneka, M.Harini, L.Kavin “Bluetooth Car Control For Physical Challenged Person And Accident Prevention Using Arduino” International Journal for Science and Advance Research in Technology (IJSART), Vol.No: 8 , Issue No: 3, PP:171-176,ISSN: 2395-1052,2022(March).

11. G.Ramani, S.Dinesh Kumar, R.Divyarani, D.Mathivanan, S.Premnath “Smart Travelers App Using Flutter” International Journal for Science and Advance Research in Technology (IJSART), Vol.No: 8 , Issue No: 3, PP:553-556,ISSN: 2395-1052,2022(March).
12. S.Elango , B.Gokul, S.Jayaram, M.Ganesh4 S.Gokul “ Design of Photovoltaic Based Dvr For Power Quality Improvement Using IOT” International Journal for Science and Advance Research in Technology (IJSART), Vol.No: 8 , Issue No: 3, PP:578-584,ISSN: 2395-1052,2022(March).
13. G.Ramani, M.Saminathan, M.Gokul, K.Sarweswaran “Zero-Voltage-Switching Single-Phase Full-Bridge Inverter With Active Power Decoupling” International Journal for Science and Advance Research in Technology (IJSART), Vol.No: 8 , Issue No: 5, PP:529-532,ISSN: 2395-1052,2022(May).
14. Mr.Ravichandran.V, S.Dhineshkumar, K.Harini, A.Praveenkumar, E.Vinothraj “ IoT Enabled Floatable Boat For Robot With Waterbody Quality Monitoring And Chemical Neutralization System” International Journal for Science and Advance Research in Technology (IJSART), Vol.No: 8 , Issue No: 4, PP:200-203,ISSN: 2395-1052,2022(April).
15. Vijayalakshmi R, Arul Prakash S, Sai Ram T, Samuel J, Sarun D “Development of Advanced And Secured ATM Machine Surveillance System” International Journal for Science and Advance Research in Technology (IJSART), Vol.No: 8 , Issue No: 3, PP:629-633,ISSN: 2395-1052,2022(March).
16. B. Karthikprabu, R. Chandraprakash, VP. Navin, P. Sujith “IoT Based Smart Irrigation System For Barren Land” International Journal for Science and Advance Research in Technology (IJSART), Vol.No: 8 , Issue No: 5, PP:117-122,ISSN: 2395-1052,2022(May).
17. P.Jamuna, M.Dheenadhayalan, A.K.Gokul, L.Mohana Sundhar, J.Sowntharraj “ Design And Analysis of Regenerative Braking In Electric Vehicles Using Ann Algorithm” International Journal for Science and Advance Research in Technology (IJSART), Vol.No: 8 , Issue No: 3, PP:232-236,ISSN: 2395-1052,2022(March).
18. M. Prabu, M. Karthikeyan, R. Kaviarasu, M. Mohankumar , A. Sabarinath “Design And Implementation of Electric Vehicle Fast-Charging Station Combined PV Generator And Energy Storage” International Journal for Science and Advance Research in Technology (IJSART), Vol.No: 8 , Issue No: 5, PP:123-128,ISSN: 2395-1052,2022(May).
19. P. Krishnagandhi, S. P. Madhuppranesh, K.Selvakumar, R.R.Pranav Rakul,S.Selvakamaleshwar “Smart Foldable Blind Stick for Visually Impaired Person” International Journal for Science and Advance Research in Technology (IJSART), Vol.No: 8 , Issue No: 5, PP:339-344,ISSN: 2395-1052,2022(May).
20. T.Jayakumar, D.Manicka Vasagam, S.Mousik Shankar, M.Rooban sankar, D.Yuvarajhan “Industrial Transformer Monitoring And Controlling Using IoT” International Journal for Science and Advance Research in Technology (IJSART), Vol.No: 8 , Issue No: 4, PP:214-219,ISSN: 2395-1052,2022(April).
21. C.Pratheeba, S.Manojkumar, M.Megala, S.Poomathi, M.Indhumathi “ Human Life Safety System With Electrical Information By Using IOT” International Journal for Science and Advance Research in Technology (IJSART), Vol.No: 8 , Issue No: 3, PP:560-563,ISSN: 2395-1052,2022(March).

22. M. Prabu, R. Sharmila, C. Manoranjani, E. Poornima “Design And Implementation of Leakage Current Detector In Substation Transformer Bushings” International Journal for Science and Advance Research in Technology (IJSART), Vol.No: 8 , Issue No: 5, PP:275-278,ISSN: 2395-1052,2022(May).
23. S.Prabhakaran, K.Sathish, R.Hari Haran, G.Karthikeyan, R.Yogeshwaran “IoT Integrated Air Quality Monitoring And Controlling Using 2nNaOH Chemical Bank” International Journal for Science and Advance Research in Technology (IJSART), Vol.No: 8 , Issue No: 3, PP:227-231,ISSN: 2395-1052,2022(March).
24. B.Ramraj, M.Hariharan, S.Praveen kumar, M.Sadhasivam, Shibinkoshy “ IoT Based Automatic Vehicle Accident Detection And Rescue System” International Journal for Science and Advance Research in Technology (IJSART), Vol.No: 8 , Issue No: 3, PP:242-247,ISSN: 2395-1052,2022(March).