

List of Project related to EV

1. Design of Semi-Actively Controlled Battery-Supercapacitor Hybrid Energy Storage System (2022)
2. Design and Development of Battery Management System (BMS) and Controller Area Network (CAN) Protocol for Hybrid Energy Storage System (HESS) (2022)
3. Design & development of Unified Diagnostics Services over CAN for BMS (2022)
4. Design the test setup for single cell of li-ion battery using Arduino (2022)
5. Battery Test System for 3S Li-Ion Batteries (2022)
6. Development of control Strategy for Power Source Selection in HEV Two-Wheeler (2022)
7. Battery Thermal Management for Li-ion Battery Pack (2022)
8. NVH performance analysis and noise reduction of electric motor for automotive application (2020)
9. Battery thermal management system based on PCM with addition of nanoparticles (2022)
10. SOC Measurement of battery pack using Simulink (2022)
11. Cell balancing study using Simulink (2022)
12. Design of Battery Cooling System for Lithium-Ion Battery (2022)
13. Thermal Behavior Analysis of Lithium Ion Cells Used in Electric & Hybrid Electric Vehicles (2022)
14. Concept Design of Electric Axle for 5T Commercial Vehicles Based on QDCF (2022)
15. Simulation & FMEA of EV Inverter as part of Functional Safety (2022)
16. Development of sensor fusion algorithm for obstacle detection in smart electric mini tractor (2022)
17. Retro-fitment of IC Engine based 2-wheeler to a Hybrid Electric 2-wheeler and Implementation of Rule Based Energy Management Strategy (2021)
18. Development of Two-Wheeler HEV - Motor Generator Integration and Battery Pack Design and Assembly (2021)
19. Battery aging analysis and battery life improvement (2021)
20. Development of Optimized Energy Management Strategy for Hybrid Electric Vehicle (2021)
21. Development of Energy Management strategy for Hybrid Electric Two-Wheeler (2021)
22. Sensor Fusion and Path Planning Algorithm Development for Smart Electric Mini Tractor (2021)
23. Design and Simulation of Hybrid Electric Mini Tractor (2021)
24. Design of Modular Architecture for EV and HEV for Passenger Cars (2021)
25. Development of Electric Mini Tractor (2020)
26. Design and optimization of powertrain for small electric vehicle using simulation tool (2019)
27. Development of simulation model for electrification of conventional mini bus (2019)
28. Aerodynamic analysis of electric vehicle to reduce drag (2019)
29. Design of a concept Electric Mini Tractor for mild ploughing application (2019)
30. Impact of wheel-housing on aerodynamic drag and effect on energy consumption on an electric bus body (2019)
31. Design and optimization of Wheel chair (2016)
32. Development, Analysis and Testing of An Electric Vehicle Roll Cage (2016)