



RV Educational Institutions[®]
RV College of Engineering[®]

Autonomous
Institution Affiliated
to Visvesvaraya
Technological
University, Belagavi

Approved by AICTE,
New Delhi, Accredited
By NAAC, Bengaluru
And NBA, New Delhi

Go, change the world

Industry Certified Internship

Center of Excellence in e-Mobility

Internship Modules for Undergraduate / Postgraduate students

- M1. Super capacitors – Futuristic energy storage devices for e-vehicles
- M2. Battery Management System (BMS): Active and Passive Cell Balancing, State-of-Charge Estimation
- M3. Power Converters for Charging station
- M4. Design and Simulation of Synchronous Reluctance Motor for Traction Application
- M5. EMI EMC Issues in Electric Vehicles
- M6. FPGA implementation of communication protocols for E-vehicles
- M7. Simulation of basic E-vehicle model using MatLab Simulink
- M8. Develop & Simulation of Communication protocols in Electric Vehicles using LabVIEW / Matlab Simulink / NS2
- M9. Simulation of Advanced driving assistance system (ADAS) using wireless sensors in Electric Vehicles
- M10. IoT based battery monitoring system
- M11. A Smart System to avoid congestion at the Charging Pool
- M12. Reimagining the vehicle parking spaces to suit solar charging
- M13. Design and Analysis of e-Vehicle Dynamic System Model
- M14. Design of Thermal Management system for Batteries in e-Vehicles
- M15. Electricity generation system from a renewable energy source for a self-sustained Fuel Cell Vehicle (Floating PV solar power stations)
- M16. Renewable energy powered electrolyzer system to generate hydrogen gas for a self-sustained Fuel Cell Vehicle
- M17. Development of a simple fuel cell system powered by an electrolyzer
- M18. Integration of a self-sustained fuel cell with an indigenous vehicle
- M19. Design of Eco friendly Metal air Battery Technology for sustainable e-mobility systems
- M20. Design and simulation of Motor controller for e-Vehicles
- M21. A Business Process Model for the Reverse Logistics of Used Electric Vehicle Batteries
- M22. Cost-effective supply chain for electric vehicle battery remanufacturing
- M23. Digital Closed Loop Supply Chain Network Design for Electric Vehicles
- M24. Market segmentation of electric two wheelers in Indian context
- M25. Comparative study of charging infrastructure in India and rest of the world

For Further Information Contact:

Dr. Dinesh M N
Associate Professor,
Electrical and Electronics Engineering
Email ID: dineshmn@rvce.edu.in