

# Automobile & Electric Vehicles - Task 2

This report explains EV powertrain architecture, motor types, inverter operation, Battery Management System (BMS), and basic range calculation. Sections Included:

- EV Powertrain Architecture
- Electric Motor Types (PMSM, Induction, BLDC)
- Inverter and Motor Controller
- Battery Management System (BMS)
- Range Calculation Example

