



DESIGN OF EV USING MATLAB

TOWARDS FUTURE

MENTOR:-

Dr.Moupuri Satish kumar reddy
Battery Management systems engineer,
NexiGO Energy

THEME:

This program is designed in such a way that it covers all the basic components involved in designing an electric vehicle and models it in MATLAB/Simulink.

TOPICS:-

- To model the vehicle dynamics in MATLAB
- To design and simulate the basic converters for EV
- To design and simulate the Inverter
- To understand the Motor principle and how to select a motor for an EV
- To model Electric Vehicle Battery in MATLAB
- To understand SoC (State of Charge)
- Battery Management System with MATLAB.

Date : 17-03-2023

Timings: 09:30am – 01:00 pm

ANY QUERIES CONTACT:-

6305187577- S.MUNASIA

9177917213 - K.V.NAGA SAI