

HarithaTechLogix



## Certificate of Appreciation

This is to certify that

**KISTUMGARI PRATHYUSHA**

has successfully completed the course requirements for the Six Days competency Development programme on "**Electric and Hybrid Vehicle Engineering**" held from 21<sup>st</sup> to 26<sup>th</sup> June 2021 organized by G. Narayanamma Institute of Technology and Science, Hyderabad & Haritha Techlogix, Tiruppur, Tamilnadu.

### Resource Person



**Mr. Prasanthkumar Palani**  
Senior Automotive Homologation Engineer  
Haritha Techlogix, Tamilnadu.

Dr. N. Malla Reddy

HOD EEE, GNITS & Program Co-ordinator

### Topics Covered

- Basic Components & architecture
- Selection of Electric Motors and Drives
- Motor control Technology for Traction Applications
- Power Electronics Technology for EV Applications
- Batteries & Battery Management Systems for Electric & Hybrid Vehicle Application
- Understanding EV Charging Technology
- Testing, Regulations, and standards for EV Applications
- Powertrain sizing Hands-on calculations
- Introduction to Modeling and simulation of Electric and hybrid Vehicles

Certificate ID: FBUOMW-CE000029

Dr. K. Ramesh Reddy  
Principal, GNITS, Hyderabad