



GAYATRI VIDYA PARISHAD COLLEGE FOR DEGREE AND PG COURSES (A)

(Approved by AICTE & Affiliated to Andhra University)

Engineering and Technology Program

Department of Mechanical Engineering

(Accredited by NBA, NAAC, ISO 9001:2015)

Schedule of Lectures for the Online Three Day Workshop on **ELECTRIC VEHICLES**, Aug 10th – 12th 2020

DAY	TIME	TOPIC
DAY 1 Monday 10-08-2020	10:00 AM – 10:15AM	Inaugural Session
	10:15 AM – 11:00AM	e-Mobility Challenges & Solutions Using Altair Hyperworks & Optimization of e-Vehicle Chassis Frame
	11:00 AM – 11:45AM	Torsion, Bending and Normal Mode Analysis of Chassis & Crash Analysis of Full Car Model
DAY 2 Tuesday 11-08-2020	10:00 AM – 10:45AM	Battery Thermal Analysis
	11:00 AM – 11:45AM	Noise analysis of Half Car Model & Multiphysics Simulation
DAY 3 Wednesday 12-08-2020	10:00 AM – 10:45AM	Electric Motor Design and Analysis Using FLUX
	11:00 AM – 11:45AM	Vibro Acoustic Analysis using FLUX and Optistruct