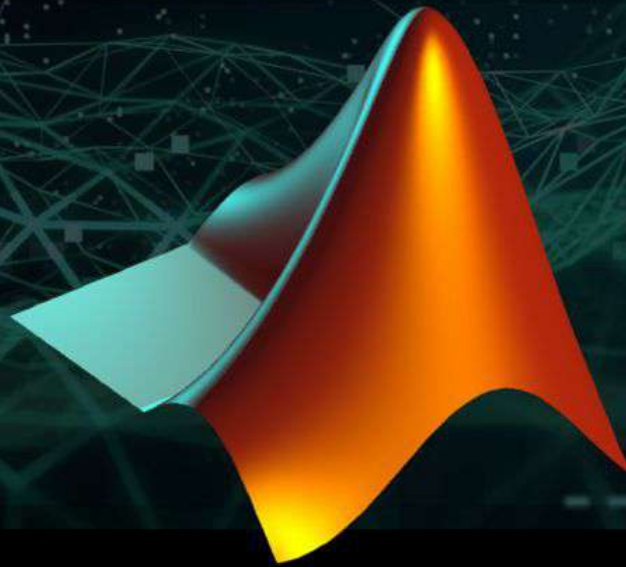


PRESENTS A WORKSHOP ON

ELECTRICAL VEHICLE DEVELOPMENT USING MODEL BASED DESIGN

IN ASSOCIATION WITH DEPT. OF ELECTRICAL AND ELECTRONICS ENGINEERING
SIR M. VISVESVARAYA INSTITUTE OF TECHNOLOGY, BENGALURU



ON 18TH AUGUST FROM 10AM TO 4PM
(OPEN FOR ALL FACULTY MEMBERS)

VENUE: ROOM EE006, ELECTRICAL BLOCK

AGENDA:

10:30 AM - 12:30 PM

- INTRODUCTION TO MODEL-BASED DESIGN
- DIFFERENT MODELING APPROACHES:
 - INTRODUCTION TO SIMULINK
 - INTRODUCTION TO SIMSCAPE
- MODELLING POWER ELECTRONIC CIRCUITS
- ELECTRICAL VEHICLE ARCHITECTURE INTRODUCTION

2:00 PM - 4:30 PM

- MODELLING ELECTRIC MOTOR
- MODELLING AND TUNING CONTROLLER
- BATTERY MODELLING AND BATTERY MANAGEMENT SYSTEM(BMS)
- VEHICLE MODELLING AND SIMULATION

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