

ONLINE FACULTY DEVELOPMENT PROGRAMME (FDP)
ON
HYBRID VEHICLES AND BATTERY MANAGEMENT SYSTEM
(7th - 16th MARCH, 2022) Organized By
E & ICT Academy & Department of Electrical Engineering, NIT Warangal
In Association With
Department of Electrical & Electronics Engineering,
Shri Vishnu Engineering College for Women, Bhimavaram
(Sponsored by the Ministry of Electronics and Information Technology (MeitY), GOI)
PROGRAM SCHEDULE

DATE	Session 1 (11.00AM to 01.00PM)		Session 2 (2.00 PM to 4.00 PM)
07-03-2022 (MON)	INAUGURAL (10.00 AM to 10.45 AM)	“Introduction to Electric Vehicles, Hybrid Electric Vehicles and HEV Drive Trains” Dr. V. S. K.V. Harish Assistant Professor Department of Electrical Engineering , Netaji Subhas University of Technology	“Power Converter Design of EV Battery Charging” Dr. Rupesh Wandhare, Associate Prof. IITH
08-03-2022 (TUE)	“EV batteries and their health assessment” Dr. Vidya Sagar Yellapu University of Huddersfield, School of Computing and Engineering, University of Huddersfield, UK.		“Isolated/Non isolated DC-DC converters for improving charging infrastructure for Electric vehicles.” Dr. Amrithesh Kumar, Assistant Professor, Electrical Engineering Department, NIT Silchar
09-03-2022 (WED)	"Latest Technologies, Policies, Standards in EV Sector" Dr. V. Sandeep, PhD (IITD), SMIEEE Assistant Professor & HEAD, Department of Electrical Engineering, NIT AP		“Grid connected PV-fed power electronics system for developing sustainable charging infrastructure.” Dr. Amrithesh Kumar Assistant Professor, Electrical Engineering Department, NITSilchar
10-03-2022 (THUR)	“EV batteries and their health assessment” Dr. Vidya Sagar Yellapu University of Huddersfield, School of Computing and Engineering, University of Huddersfield, Huddersfield HD1 3DH, UK. v.yellapu@hud.ac.uk		“EV charging methods and its challenges” Dr. Chinmaya K A Assistant Professor Department of Electrical Engineering Indian Institute of Technology (BHU), Varanasi
11-03-2022 (FRI)	“Converters for Hybrid Vehicles and its switching Techniques” Dr. Srinivas Bhasker Karanki Assistant Professor, IITBBS		“The Role of Artificial Intelligence in Autonomous Vehicles” Dr. V Jegathesan Professor , Karunya University, Coimbatore

<p>12-03-2022 (SAT)</p>	<p>“HEV motor drives and control” Prof. Srikanthan Sridharan Assistant Prof. IIT Madras.</p>	<p>“Battery Management System in EVs and Development in Vehicle to Grid” Dr. V. Sandeep, Ph.D. (IITD), SMIEEE Assistant Professor & HEAD Department of Electrical Engineering, NIT AP.</p>	
<p>13-03-2022 (SUN)</p>	<p>“Power Electronic Converters for Hybrid energy storage systems” Dr. M Udaya Bhasker, Assistant Professor, Electrical Engineering Dept., NITW.</p>	<p>“Hands on Experience D-Space 1104 controller for power electronic converters” Dr. M Udaya Bhasker, Assistant Professor, Electrical Engineering department, NITW.</p>	
<p>14-03-2022 (MON)</p>	<p>“Magnetless Motors and their Control for Electric Vehicles” Dr. A V Ravi Teja, Assistant Prof. IIT Roopar.</p>	<p>“Hybrid Energy storage system for Electric vehicles” Dr. M Kowsalya, Professor, VIT University Vellore</p>	
<p>15-03-2022 (TUE)</p>	<p>“Thermal management of electric vehicle” Mr. PrasanthKumar Palani Chief Technical Consultant Haritha Techlogix</p>	<p>“Thermal management of electric vehicle” Mr. PrasanthKumar Palani Chief Technical Consultant Haritha Techlogix</p>	
<p>16-03-2022 (WED)</p>	<p>“Regenerative braking system in Electric Vehicle's” Mr. PrasanthKumar Palani Chief Technical Consultant Haritha Techlogix</p>	<p>“Safety Technologies in Electric Vehicles” Mr. Prasanth Kumar Palani Chief Technical Consultant Haritha Techlogix</p>	<p>Valedictory (4.15 PM to 5.00 PM)</p>