

## OTHER DETAILS

The FDP is conducted via online mode. Participants are advised to have a Laptop or Desktop with proper internet connectivity. There is **NO REGISTRATION FEE** for the program. Registrations will be on a first come - first serve basis. The E- Certificate will be sent through an email to all the registered participants who have attended atleast 80% attendance & have scored at least 60% marks in the Test.

## ORGANIZING COMMITTEE

**Mr. P.R. Subramanyam**, Associate Professor  
**Dr. P.Thimothy**, Associate Professor  
**Mr. P. Srinivas Reddy**, Associate Professor  
**Mr. N.Satya Kanthi Kiran**, Associate Professor  
**Dr. K. Raja Rao**, Assistant Professor  
**Dr. S. Ravi Teja**, Assistant Professor  
**Dr. Y. Ravikanth**, Assistant Professor  
**Mr. S. Santosh Kumar**, Assistant Professor  
**Mr. D. Appanna**, Assistant Professor  
**Mr. R. Ramakrishna**, Assistant Professor  
**Mr. P. Kameswara Rao**, Assistant Professor  
**Mr. D. Srinivas Rao**, Assistant Professor  
**Mr. M. Balaji**, Assistant Professor  
**Mr. Ch. Polayya**, Assistant Professor  
**Mrs. G. Gnana Deepa**, Assistant Professor  
**Mr. R. Jagadeesh Kumar**, Assistant Professor  
**Mr. M. Gangadhar Rao**, Assistant Professor  
**Mr. N. Santosh Naveen**, Assistant Professor  
**Mrs. S. Roopa**, Assistant Professor  
**Mrs. B. Ushaswini**, Assistant Professor  
**Mr. G. Ravi**, Assistant Professor



## CHIEF PATRONS

**Sri. P. Madhusudhana Rao**  
Chairman  
**Sri. P. Srinivasa Rao**  
Vice-Chairman  
**Sri. K. Sivarama Krishna**  
Secretary

## PATRON

**Dr. V.V.Rama Reddy**  
Principal

## CONVENORS

**Dr. Satish Pujari**  
Professor & Head of the Department

**Dr. K. Shridhar**  
Professor

## CO-ORDINATORS

**Mr. K.Ch. Sekhar**, Professor  
**Mr. M. Daniel Silas Kumar**, Asst. Professor

## ADVISORY COMMITTEE

**Dr. Fei Gao**, Director, French national CNRS research institute, France  
**Dr. Sheldon Williamson**, Ontario Tech university, Canada  
**Mr. Rohit T**, TE Connectivity, Bensheim, Germany.  
**Dr. Giuseppe Buja**, University of Padua, Italy  
**Prof. Ir.Ts.Dr. Sivarao Subramonian**,  
Universiti Teknikal Malaysia Melaka, Malaysia

## FOR MORE DETAILS CONTACT:

**Dr. K. Shridhar**,  
Professor,  
Department of Mechanical Engineering,  
Lendi Institute of Engineering & Technology,  
Jonnada, Vizianagaram - 535005  
Ph: +91-9098907832; +91-6304298910  
[shridhark@lendi.org](mailto:shridhark@lendi.org)



## One Week International Online FDP on TRENDS AND CHALLENGES IN DEVELOPMENT OF ELECTRIC VEHICLES AND HYBRID ELECTRIC VEHICLES (SERIES-2)

**14th - 18th November, 2022**



Organised by

**DEPARTMENT OF MECHANICAL ENGINEERING**

**Lendi Institute of Engineering & Technology**  
An Autonomous Institution  
Approved by AICTE & Permanently affiliated to JNTUK  
Accredited by NAAC with 'A' Grade & NBA  
Jonnada (Village), Denkada (Mandal)  
Vizianagaram District, Andhra Pradesh  
India - 535005  
[www.lendi.org](http://www.lendi.org)



## ABOUT THE INSTITUTE

Lendi Institute of Engineering & Technology is a premiere institute, established in 2008 by a divine body of committed intelligentsia under the aegis of Sai Dhamam Educational Trust of Visakhapatnam to cater to the needs of young graduates of technology. It is on national highway near to both vizag and vizianagaram having a lush green campus with eco-friendly environment. Its vision is to produce globally competent and quality technocrats with human values for the holistic needs of industry and society.

Ours is an Autonomous College which is spread to all directions with a strength of over 2600 students and above 200 faculty. College is accredited by NAAC with "A" Grade, NBA with four branches and permanently affiliated by JNTU Kakinada.

Lendi offers MECH, ECE, EEE, CSE, CSSE & CSIT courses. Efficient and experienced faculty members dedicated in teaching, encouraging students to have practical exposure, individual attention etc have made Lendi famous for its teaching traits. Offering counseling to the identified slow learners, student teacher adoption program, allocation of choice based internships to the students during vacation for the practical exposure, supplying Manuals for lucidity in the practical work are the extensive practices which made LENDI a hallmark for quality engineering education.

## ABOUT THE DEPARTMENT

The Department of Mechanical Engineering has started its journey in the year 2012 and within a short period of 6 years, the department is accredited by NBA, which itself is a feather in the department's cap. The Department has well equipped laboratories and infrastructural facilities. The Department boasts of a high end Simulation laboratory, CNC Laboratory and R&D laboratory.

The Department works for the overall development of the students by inculcating the spirit of self learning. Students are provided with a variety of opportunities and platforms for them to technically grow and by giving them a chance to investigate a broad range of areas; which propels them to learn with zeal and grow.

The faculty are trained to make the students reach their goals. They incline themselves to constantly upgrade their know-how in the field of engineering. The faculty and students have the habit of regularly publishing papers in reputed journals and present them in conferences. They are members of various international organisations which is one platform for them to enhance their latest know-how in the field of engineering.

## ABOUT THE FDP

Electrical Vehicle (EV) is a prominent solution of fuel crises and environmental pollution for global transportation sector. This Faculty Development Programme (FDP) is designed to provide the emerging trends and advancements in Electric Vehicle and its infrastructure development. The Programme will focus on providing theoretical as well practical aspects of Electric Vehicle infrastructure development to the participants and thereby enable them to promote industry and institute collaborations by working on the current research problems. To make the participants to familiarize the concepts the Department organized the series1 between 26th Oct-30th Oct 2022. To cover more concepts series2 is planned. This FDP will provide an excellent opportunity for faculty members and research scholars to have an interaction with nationally and internationally renowned experts in the area of Electric Vehicle.

## CONTENTS OF THE PROGRAM

- Global scenario in development of hybrid electric Vehicles
- Battery Management System for EVs
- Impact of EV Charging on Electrical Infrastructure
- EV charging methods and its challenges
- Case studies and engineering problems
- Current research aspects of EVs.

## RESOURCE PERSONS



**Dr. Giambattista Grusso**  
Professor,  
Milano Technical Institute, Italy

**Mr. Deepak V**  
Design Engineer & Project Manager  
Volvo Electric Trucks, North Carolina, USA



**Dr. Vidya Sagar Y**  
University of Huddersfield,  
England

**Dr. Krishna Kumar Gupta**  
Thapar Institute of Engineering &  
Technology, Patiala



**Dr. Chinmaya K A**  
Indian Institute of Technology (B.H.U.),  
Varanasi

## ELIGIBILITY & REGISTRATION

Faculty members of AICTE approved institutions, Research scholars, PG scholars, participants from the government, the industry can participate in the program.

Please click the link to register  
<https://forms.gle/nSuyZuk4tJzKkZ1S6>



Last Date for Registration - 10th November 2022 SCAN HERE