

## **Resource Person**

Dr. Sankar Peddapati, NIT-Andhra Pradesh

Dr.M.Jaya Bharata Reddy, NIT-Tiruchirapalli.

Dr.Y.S.Kishore Babu, JNTU, Narsaraopeta

C.Surya Trinadh, Sense Semiconductor & IT Solutions Pvt.Ltd

Dr.Ramesh Babu Darla, Panasonic Electric works,  
Bangalore

## **Registration Fee:**

Registration Fee - Free

FDP Registration link

<https://tinyurl.com/LBRCEEE>

## **Target Audience:**

The program is open to faculty members, M. Tech students and Research Scholars of Engineering colleges working in the concerned/allied areas of Engineering.

## **ImportantDate:**

Last date of receiving applications for participation is 10<sup>th</sup> April, 2026.

Duration of the Programme:

**13<sup>th</sup> to 18<sup>th</sup> April 2026**

## **Certificate Criteria:**

- All eligible Participants will be given e-certificates.
- Attendance is mandatory.

## **For more details contact:**

Dr.G.Nageswara Rao - 9247876900.

Mr.P.Deepak Reddy - 9963797545.

## **Committee Members**

### **ChiefPatrons**

Sri. L. Jaya Prakash Reddy,

Honorary Chairman

Sri. L. R. N. K. Prasad Reddy,

Chairman

Sri. L. Vijaya Kumar Reddy,

Vice-Chairman

### **Patrons**

Sri G. Srinivasa Reddy, President

Dr. K. Appa Rao, Principal

Dr. B. Ramesh Reddy, Vice-Principal

### **Convener**

Dr. P. Sobha Rani, Professor & HOD

### **Coordinators**

Dr.G.Nageswara Rao - 9247876900

Mr.P.Deepak Reddy - 9963797545



## **Five Day Faculty Development Program on Electric Vehicles for Sustainable Future 13<sup>th</sup> to 18<sup>th</sup> April 2026 (Hybrid Mode)**



### **Organized by**

**Department of ELECTRICAL & ELECTRONICS  
ENGINEERING**

**LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING**

**(Autonomous)**



Accredited by NAAC & NBA (ASE, CE, CSE, IT, ECE, EEE & ME)

ISO 21001:2018 Certified Institution

Approved by AICTE, NewDelhi and Affiliated to JNTUK,  
Kakinada

L.B. REDDY NAGAR, MYLAVARAM, KRISHNA DIST., A.P.-  
521230

## About the Institute:

LBRCE was founded through Lakireddy Bali Reddy charitable trust in 1998 which stands for quality technical education that is exemplified by the continuous strides taken towards excellence in the last two decades. LBRCE started with an intake of 180 and is reached to the current intake of 1524. UGC has accorded Autonomous Status in the year 2010. LBRCE has been accredited by NAAC with Grade 'A' and NBA (ASE, CE, CSE, IT, ECE, EEE & MECH) under Tier-I. The College has also been awarded 2(f) and 12(B) status, apart from the recognition as a 'College with Potential for Excellence (CPE)' status from the UGC. Our institute has pride to have large pool of well-qualified and experienced faculty.

## About the Department:

The Department of Electrical and Electronics Engineering offers an undergraduate program in Electrical & Electronics Engineering and a Post-graduate program in the specialization of Power Electronics & Electrical Drives. The Department has well qualified faculty and good laboratory facilities. EEE Department is recognized as research centre by JNTUK, Kakinada. Department has licensed software:

MATLAB(7.0),MATLAB(R2016a),PSCAD/EMTDC , LABVIEW, ETAP, MULTISIM, ANSYS, Xilinx and DIGSILENT. The department regularly conducts Guest Lectures / Seminars / Workshops / Technical paper contests for the benefit of both faculty and student community.

## About the Program:

The Faculty Development Program aims to provide students and professionals with insights into the latest technological advancements transforming in the field of electrical vehicles. It focuses on the standards, topologies, architecture, and commercialized design considerations of an electric vehicle. It covers challenges on integration of electric vehicle to grid /grid to electric vehicles and plug-in electric vehicle

## Objectives of the Training Program:

The main goal of this faculty development program is to help Faculty, M.Tech Students and Research Scholars with cutting knowledge of Electric Vehicle technologies including, battery management, Power Electronics, Charging Infrastructure. This program will foster research skills and hands-on expertise in e-mobility.

## Topics to be covered:

- Emerging Trends in Electric Vehicle Applications.
- Battery Management systems
- Electric vehicle charging Infrastructure
- Modelling and simulation of hybrid electric vehicle
- Advanced electric drive techniques in electric vehicle
- Engineering Design Workflow for Electric Vehicles using Solid Works

## Expected Outcomes:

- Interoperability of Charging Infrastructure:
- Grid Integration and Stability
- Accelerated Public Charging Rollout
- Inspiration for research, innovation, and start-up opportunities in EVs and smart power systems.