

INTRODUCTION

Electricity is one of the most important commodity. Life seems impossible without electricity. Power system deals with the generation, transmission, distribution and utilization of electrical energy. Power Electronics deals with the processing and control of electrical power from an electrical source into the form and quality suitable for a particular electrical load. Power System and Power Electronics are very important courses in the curriculum of Electrical Engineering and Electrical & Electronics Engineering. Every Engineer in the area of Electrical Engineering needs to have a detailed exposure to Power system and Power Electronics.

OBJECTIVE OF THE PROGRAM

The main objective of this Five-Day Online Faculty Development Program is to enhance the knowledge of participants in the area of Power Electronics and Power Systems

TOPICS TO BE COVERED

- Island Detection in Integrated Power System using Power Electronics Converters .
- Recent Advances in Thermal Power Stations
- Power electronic converters
- Power Converters in hybrid electric vehicle (PHEV) systems
- Modeling & Control of Electrical Systems
- Automatic Generation Control of Power Systems

ELIGIBILITY

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

RESOURCE PERSON

1. Dr.I.Satish Kumar, NIT, Warangal
2. Dr. K.Harinadha Reddy, LBRCE, Mylavaram
3. Mr.B.Siva Prasad, ADE, NTPS, Vijayawada
4. Dr. Ch.Ravi Kumar, ANU, Guntur
5. Dr Bhaskara Rao Ravada, IIT, Bombay

REGISTRATION PARTICULARS

Application in the prescribed format duly sponsored by the Head of the Institution should reach the coordinators on or before **08.11.2021**. The soft copy of registration form (scanned copy) can also be sent to the coordinator.

#No registration fee

*Certificate will be issued at the end of the program to all the participants

Registration Link: <https://tinyurl.com/2cvjesmy>

ABOUT MYLAVARAM

It is situated at a distance of 40 km. from Vijayawada and is well connected by rail and road to various places in the country. Participants can reach to Mylavaram by boarding buses run by APSRTC towards Tiruvuru, Kothagudem & Bhadrachalam, city bus services (with number 350).

LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING (AUTONOMOUS)
MYLAVARAM – 521 230
Department OF Electrical and Electronics Engineering
Five-Day Online Faculty Development Program on
“Recent Advances in Power Electronics and Power Systems”
9th – 13th Nov, 2021

REGISTRATION FORM

1. Name of the participant: _____

2. Designation: _____

3. Educational Qualification: _____

4. Name of the Institute: _____

5. Whether the institute has AICTE recognition (Yes/No): _____

6. Professional Experience: _____

7. Areas of Interest: _____

8. Address for Communication: _____

9. Phone: _____

10. Email: _____

11. Accommodation Assistance

Required : YES NO

Declaration

The information provided is true to the best of my knowledge. If selected, I agree to abide by the rules and regulations of the course.

Place:

Date:

Signature of the Applicant

SPONSORSHIP CERTIFICATE

Mr. /Mrs. /Ms. -----, is an employee of our Institute/organization and is hereby sponsored to participate in **Five-Day Online Faculty Development Program on “Recent Advances in Power Electronics and Power Systems,”** conducted by EEED of Lakireddy Bali Reddy College of Engineering (Autonomous), Mylavaram.

Place:

Date:

**Signature of Head of Institution
(With seal)**

Note: Brochure & registration form can also be downloaded from college website.

<http://www.lbrce.ac.in>

IMPORTANT INFORMATION

Last date of receiving applications for participation is November, 8th 2021

**Duration of the FDP: Five days
(9th-13th Nov, 2021)**

Address for Correspondence:

**Dr. G.Nageswara Rao, Professor,
Mr. J.V.Pavan Chand, Sr. Asst. Prof.**
Department of EEE
Lakireddy Bali Reddy College of
Engineering (Autonomous)
Mylavaram- 521 230, Krishna (Dt) A.P.
E-mail: pavanchand217@gmail.com
Mobile: 9848295236,

ABOUT THE INSTITUTE

The LBR College of Engineering (LBRCE) is located at Mylavaram, and is spread over 56 acres of sprawling lush green landscape spotted with orchids and grooves. LBRCE received Autonomous status from the academic year 2010-11. Institution certified by **ISO 9001:2015** and Accredited by **NAAC with ‘B++’** Grade. EEE, ECE, CSE, IT and MECH undergraduate programmes are accredited by **NBA** under TIRE-I. LBRCE has a profound focus on research and has **7 advanced labs** in various Departments and 4 departments (EEE, ECE, CSE, and MECH) are recognized as **Research Centers of excellence** by JNTUK, Kakinada. The place is a hub of leading power plants like NTPS, LANCO Power and Industries like APHMEI, HPCL and Bharath Petroleum.

LBRCE has sophisticated infrastructure, supported by a dedicated team of well qualified and experienced faculty. LBRCE offers B.Tech Courses in CSE, CSE(AIDS), CSE(AIML), Civil, ECE, EEE, IT MECH, Aerospace Engineering and P.G. programmes: M.B.A., & M.Tech Courses in EEE, ECE, CSE and Mech. All laboratories are equipped with state of the art facilities backed by advanced computer systems with latest software. The library has over **55,200** books spanning **14,200** titles. It subscribes over **110** National journals and **55** Technical and general magazines. A digital library is a part of this facility with over **6506** VCD collections produced from IITs, 4EKALAVYA and SONET. The students have access to **1160 Mbps** dedicated internet line and also to DELNET to supplement their classrooms teaching.

ABOUT EEE 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 & 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 (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.

**Five-Day Online Faculty Development
Program on
“Recent Advances in Power Electronics and
Power Systems”
9th-13th Nov 2021**



Chief Patrons

**Er. Lakireddy Bali Reddy, Chairman
Sri L.Jaya Prakash Reddy, Co-Chairman
Sri L.R.N.K Prasad Reddy, Vice Chairman**

Patrons

**Sri G. Srinivasa Reddy, President, LBRCE
Dr. K.Appa Rao, Principal
Dr. K.Harinadha Reddy, Vice-Principal**

Convener

Dr. J.Siva Vara Prasad, Prof. & HOD of EEE

Coordinators

**Dr. G.Nageswara Rao, Professor,
Mr. J.V.Pavan Chand, Sr. Asst. Prof.**

Organized by

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MYLAVARAM-521230
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