

## Registration Form

Short Term Training Programme  
on

**“Measurement, Trouble shooting and  
Quality Testing of Electrical  
Equipments”**

28th May, 2018 to 1st June, 2018

Name: \_\_\_\_\_

Designation: \_\_\_\_\_

Organization: \_\_\_\_\_

Address: \_\_\_\_\_

Date of birth: \_\_\_\_\_

Experience: \_\_\_\_yrs

Email: \_\_\_\_\_

Mobile: \_\_\_\_\_

Demand Draft (DD) No.: \_\_\_\_\_

Dated: \_\_\_\_\_

Drawn on (Bank): \_\_\_\_\_

Rs \_\_\_\_\_

Accommodation required

Yes /No

Date

Signature of applicant

### SPONSORSHIP CERTIFICATE

Shri/Smt. \_\_\_\_\_  
has been officially deputed for the above mentioned short term training programme going to be conducted at L. D. College of Engineering, Ahmedabad from 28/05/2018 to 1/6/2018.

Signature of sponsoring authority with office seal

### HOW TO APPLY:

The complete application must be forwarded through competent sponsoring authority alongwith Demand Draft in favour of “Principal, L. D. College of Engineering, Ahmedabad” payable at Ahmedabad addressed to “The Head of Electrical Engineering Department”

L. D. College of Engineering, Block – 2  
Ahmedabad-380015

Phone: 09825727721, 09428218822.

E-mail: sttpldce@gmail.com

### IMPORTANT DATES:

Last date (submission of application): 22-5-2018

Date of intimation of selection: 25-5-2018

**NUMBER OF CANDIDATES:** 40 (Maximum)

### FEES:

Research Scholar / PG Students – Rs. 2000/-

Academician – Rs. 2000/-

Professionals – Rs. 2000/-

Fees for the STTP shall be accepted only through Demand Draft in favour of “Principal, L. D. College of Engineering, Ahmedabad” payable at Ahmedabad with application form. Application form will not be considered without Demand Draft. Cheque / Cash will not be accepted. No TA/DA will be paid to any participant.

### ACCOMMODATION:

Limited accommodation is available which will be provided at nominal cost on first come first served basis.

### VENUE:

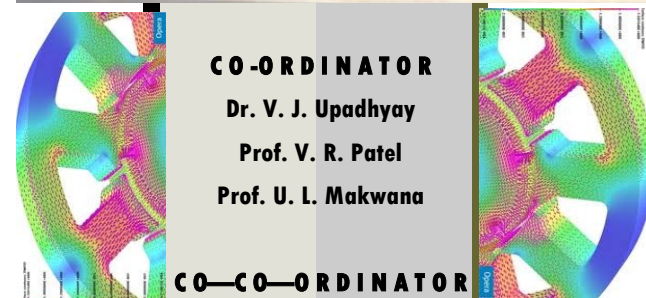
Electrical Engineering Department,  
L. D. College of Engineering,  
Ahmedabad-380015



Electrical Engineering Department  
L. D. COLLEGE OF ENGINEERING  
Organizes

Short Term Training Program  
28/05/2018 TO 1/6/2018

**Measurement,  
Trouble Shooting and  
Quality Testing of  
Electrical Equipments**



### CO-ORDINATOR

Dr. V. J. Upadhyay

Prof. V. R. Patel

Prof. U. L. Makwana

### CO-CO-ORDINATOR

Dr. C. D. Upadhyay

Prof. M. G. Patel

Prof. G. B. Buch

## L.D. COLLEGE OF ENGINEERING

It is a premier engineering college in Gujarat State set with the objectives of imparting higher education in various fields of engineering. The institute is affiliated to Gujarat Technological University and Administrated by Department of Technical education, Gujarat State. Sheth Shri Kasturbhai Lalbhai established institute in 1948 with generous donation. It is situated adjacent to Gujarat University and at nucleus of various national level institutes like PRL, ATIRA, ISRO, IIM etc. The campus consists of buildings for various departments, offices, hostels and library with 64,565 sq. meter builtup area. The institute made a modest start with 75 students for undergraduate programs in 1948, post graduate programs in 1954. At present institute runs 14 undergraduate, 17-post graduate and 4 part-time programmes.



### ELECTRICAL ENGINEERING DEPARTMENT:

It is one of the oldest and most reputed departments of the institute. The department is well equipped with the state-of-the-art laboratories containing wide range of the latest and the most standard instruments and equipments for not only betterment of the students but also for efficacious utilization in testing arena. The department always aims at multi-skill development of the students under guidance of the Head of the Department Prof. Dr. M. C. Chudasama and sincere efforts of faculty members. The department has grabbed many remarkable testing/consultancy projects in the field of electrical machines, HV cables, panel testing etc.. It does organize the Industrial Visits to different industries regularly for the practical exposure to the students.

## OBJECTIVES OF THE TRAINING

In our routine life, we used to carry out measurements and testing of various samples. In Electrical System, we measure various electrical signals and parameters — voltage, current, power, energy, resistance, capacitance and inductance. It is also important to know the standards with the daily electrical appliances and their common maintenance. The testing equipments, though costly, are required to be operated in instructive manner. BIS, IEC and IS marks confirms the quality of the electrical appliances. The training aims to understand the term measurement, basic methods of measurements and about the role of the various instruments in an electrical measuring systems.



→ To the point approach and development for the faculties and PG students for Electrical measurement and trouble shooting.

- Main aspects of the Electrical Parameters measurement especially Resistances and Capacitances, etc.
- Trouble shooting of electrical equipments at domestic and Industrial Level
- Fundamentals of Error and Calibrations.
- Standards of IEC and BIS for Quality testing of the tubelights, fans, motors, motor pump sets and switches—ELCB, MCCB, RCCB, etc.
- Cable testing and Earthing testing as per standards.
- Harmonics Measurement and issues of Power Qualities.

## COURSE CONTENT

Need of study for the measurement and trouble shooting, measurement of Insulation resistance, Conductor resistance, trouble shooting of home appliances, testing of motors, LED lights, fans, cables, Earthing and insulations.

## EXPERTS

- Lectures will be conducted by experts from Reputed Institutes CERC and Industries ERDA, EQDC, etc.
- An Industrial Visit is planned to get actual exposure of Quality Testing of home appliances
- Laboratories will be based on HV, MV and LV testing with high quality standard equipments

### Patron

**Prof. Dr. G. P. Vadodaria**  
Principal  
L. D. College of Engineering  
Navrangpura, Ahmedabad

### Mentor

**Prof. Dr. M. C. Chudasama**  
Head of the Department  
Electrical Engineering Department  
L. D. College of Engineering  
Navrangpur, Ahmedabad

