

**HIGH VOLTAGE TESTING TECHNIQUES FOR TRANSFORMERS,  
SWITCHGEAR & INSULATORS**

**DURATION - 5 DAYS**

**COURSE : T 18 G**

Aim/Objective	: a) The participants will know about generation of power frequency high voltage and its measurement.  b) The Course will enable the participants to conduct partial discharge test.
Course Contents	: Generation of power frequency high voltage - Impulse voltage - Measurement of high voltage - Partial discharge test - High voltage power apparatus.
Methodology	: Theoretical and practical demonstration.
Eligibility	: Electrical Engineers/Technical persons experienced in relevant fields.
Course Fee	: Rs. 4,000/- per participant.
Intake	: 10
Venue	: NTH, Ghaziabad

## **TESTING AND EVALUATION OF LUMINARIES**

### **& DOMESTIC APPLIANCES**

**DURATION - 2 DAYS**

**COURSE : T 19 G**

Aim/Objective	:	a) The participants will know about different types of luminaries and equipments as per specification.  b) The Course will enable the participants to test Luminaires & Domestic appliances.
Course Contents	:	Construction of different types of Luminaries - Test methods and requirements of specification - Practical Training.
Methodology	:	Theoretical and practical demonstration.
Eligibility	:	Engineers & Laboratory Scientists.
Course Fee	:	Rs. 1,500/- per participant.
Intake	:	10
Venue	:	NTH, Ghaziabad

## **ACCURACY, MEASUREMENT & CALIBRATION OF ENERGY METER**

**DURATION - 2 DAYS**

**COURSE : T 20 G**

- Aim/Objective : a) The participants will know about Dynamometer type Energy Meter & Zera Meter Testing Bench.
- b) The Course will enable the participants to measure the accuracy of Energy Meter.
- Course Contents : Principles of Dynamometer type Energy Meter - Description of Zera Meter Testing Bench - Method of measurement of accuracy - Practical training and Group Discussion.
- Methodology : Theoretical and practical demonstration and Workshop.
- Eligibility : Engineers & Laboratory Scientists.
- Course Fee : Rs. 1,500/- per participant.
- Intake : 10
- Venue : NTH, Ghaziabad

**TESTING & EVALUATION OF CABLES**

**UPTO 11,000 VOLTS GRADE**

**DURATION - 2 DAYS**

**COURSE : T 21 G**

- Aim/Objective : a) The participants will know about different types of Cables.  
b) The Course will enable the participants to test Cables.
- Course Contents : Types & Construction of cables - Test methods & requirements - Practical training and Group Discussion.
- Methodology : Theoretical, Practical & Workshop.
- Eligibility : Engineers & Laboratory Scientists.
- Course Fee : Rs. 1,500/- per participant.
- Intake : 10
- Venue : NTH, Ghaziabad