



Webinar on

“Testing and Analysis of Transmission Line Equipments and Accessories”

02nd February, 2024, Friday

Organized by:



**Central Power Research Institute
Regional Testing Laboratory
Noida – 201309, India**

PROFILE

Central Power Research Institute (CPRI) set up in 1960 by the Government of India, functions as a National organization for applied research in power sector and also serves as an independent laboratory for testing and certification of power equipment. CPRI is a member in many bodies governing certification. CPRI also provides consultancy services on various facets of power sector. Modern equipment is available in CPRI laboratories for power system modeling, seismic qualification, short circuit testing, equipment diagnostics materials engineering, and other applications. In addition to having vast field experience, CPRI's officials are knowledgeable in a variety of topics related to the power industry and have real-world expertise in their fields of study.

CPRI continues to define new benchmarks for electrical testing standardization, training and continuing education, including everything from fundamental theoretical knowledge to in-depth, hands-on instruction in electrical equipment. CPRI training programs have enhanced many electrical personnel's career paths by improving technical workers' occupational skills. They have also helped to increase electricity efficiency, plant productivity electrical system reliability, and the overall competitiveness of the Indian industry.

ABOUT REGIONAL TESTING LABORATORY, NOIDA

The Centre has state-of-art facilities for testing of wires and Power Cables, high voltage equipments like current and power transformers insulators and electrical substation equipments/ materials like transformer oil, bushings, windings, lightning arrestors etc.



ABOUT THE PROGRAM

An essential area of electrical power engineering is high voltage (HV) testing, which is crucial for confirming the dependability of power system components. However, HV testing is also crucial for R&D due to the generally empirical nature of high voltage engineering. Consequently, it is crucial for designers and users of high-voltage equipment, especially power lines, transformers and switchgear, to understand the fundamentals of HV testing and the applicable international standards. Engineers of all skill levels, from those just starting out in the field to recent graduates and entry-level apprentices, will benefit from this course, which is designed to help them get a deeper understanding of this crucial subject. It is the aim of the tutorials to transfer the know-how and the state-of-the-art of HV testing to all who are related to HV generation, transmission and distribution.

SPEAKERS AND TOPICS

Experts from CPRI will deliver lectures in this program which broadly covers the following topics:

- ◆ Type, routine and special tests on Transformers
- ◆ Dielectric tests on Switchgears
- ◆ Dielectric Power Factor and Partial discharge measurement test on power cables
- ◆ Testing of Flame Retardance Low Smoke Halogen Cables

WHO SHOULD ATTEND

The tutorial program is open to all concerned in the field of electrical engineering in general. However, the program will be useful to the personnel involved in the following areas of work :

Electrical equipment manufacturers / quality assurance engineers

Electrical utility engineers involved in testing, inspection, operation and maintenance

Teaching faculty, Research scholars and students

Technical consultants / contractors involved in transmission / distribution network, installation/ preparation of specifications

VENUE AND DATE

In Virtual Forum from RTL Noida

Date: 02nd Feb., 2024, 02.00PM Friday

REGISTRATION FEE

The fee for delegates are as follows:

MODE OF TUTORIAL

The tutorial will be conducted on virtual forum.

LAST DATE FOR REGISTRATION:

25th Jan., 2024

Sr.	Institutions	Fee per person (Rs.) Inclusive of GST
1.	State Power utilities / Government agencies	
a)	Up to 5 participants	885/-
b)	6 participants up to 10 participants	767/-
c)	11 participants up to 30 participants	708/-
2.	Private Sector	
a)	Up to 5 participants	1180/-
b)	6 participants up to 10 participants	885/-
c)	11 participants up to 30 participants	708/-
3.	Educational Institutions	
a)	Students	590/-
b)	Faculty Members	590/-
c)	Lump sum amount if the participation more than 10 up to 50 people per batch	8850/-

For more Information, please contact the program coordinator:

Chairman

Sh. M.K. Jaiswal, Joint Director

Program Coordinator

Dr. Neha Adhikari
Engineering Officer Gr. 4
+91 9916688228
nehaadhikari@cpri.in

Sh. Satish Kumar
Engineering Officer Gr. 3
9993156853
satishkumar@cpri.in

Organizing Committee

Sh. Gangeshwar Singh
Engineering Officer Gr.1

Sh. Netram Meena
Engineering Officer Gr.1

Sh. Amit Tamrakar
Engineering Assistant Gr.1