



**WEBINAR ON  
BEST PRACTICES IN DESIGN,  
TESTING AND MAINTENANCE OF  
TRANSFORMER FOR  
CONVENTIONAL AND  
NON-CONVENTIONAL ENERGY  
SOURCES**

**6th December, 2024  
(2:00 PM to 5:00 PM)**



**Organised by  
1250 MVA Short Circuit Station  
(Station-1)  
CPRI, STDS Bhopal  
<https://www.cpri.res.in>**

## **CPRI 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 equipments. CPRI is the one of the largest independent Third party Testing & Certification Service provider of the world in the field of Electrical Equipments and in Electrical Power Engineering.

### **ABOUT 1250 MVA SHORT CIRCUIT LABORATORY (STATION-1)**

1250 MVA short circuit laboratory (station-1) at CPRI Bhopal mainly caters short circuit testing of high and medium voltage switchgear and controlgear, Transformers and other allied equipments. The 1250MVA short circuit laboratory (station-1) is duly accredited by NABL as per ISO/IEC 17025: 2017, recognized by BIS, ASTA Intertek and also member of STL.



## **OBJECTIVE**

This webinar would dwell upon all the aspects of transformers viz. basic specifications operating conditions guaranteed technical particulars, design philosophy, material & components, key manufacturing processes, quality checks, routine/type testing, investigation & diagnostics etc with focus on quality and latest trends in the field of Automation in Design & manufacturing process.



## CALL FOR PAPERS

This webinar is envisaged to provide a common platform for all concerned to share their experiences. CPRI invites papers for the aspects pertaining to Transformers mentioned below.

- Automation in Design & Manufacturing process.
- Latest improvements in materials
- Testing, quality assurances and reliability
- Erection, Commissioning, Site Testing
- Condition Monitoring and Diagnostics
- Special Transformers for HVDC Transmission, Traction, Arc furnaces, etc
- Field failure Investigation & related remedial measures
- Transformer protection
- Best practices for maintenance of Transformer

The topics are indicative but not limiting.



## WHO SHOULD ATTEND

Engineers / Professionals working in the field of Design, Engineering, Standardization, Manufacturers of Transformers, Procurement, Installation, Commissioning, Testing, Operation & Maintenance, Utilities & Discoms and Laboratories involved in testing, Academicians and students from Educational / Technical / Research Institutes.

The webinar will be conducted in virtual / online mode.

## AUTHOR GUIDELINES

Authors are requested to send the paper/presentation to the following Email ids:

dsahoo@cpri.in,  
yugal@cpri.in,  
takkher@cpri.in

Slides per presentation are limited to 15 due to constraint of time.

Authors are also requested to send their bio-data, details of the speaker along with the paper.

E-certificate will be provided after completion of webinar.





## Committee

### Chairman

Ms. Sumbul Munshi

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### Programme Co-Ordinators

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### Organising Committee

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Shri K. Sharath Kumar

Shri Arpit Singh

Shri Jan Rao Gajbhiye

Shri Devi Prasad Mourya

Shri Sanjaya Kumar Acharya

Shri Radhakrishnan B

## FEE STRUCTURE:

### 1.State Power utilities/ Government agencies

(a) Upto 5 participants Rs. 885/-

(b) More than 5 participants upto  
10 participants Rs. 767/-

(c) More than 10 participants upto  
30 participants Rs. 708/-

### 2. Private Sector

(a) Up to 5 participants Rs. 1180/-

(b) More than 5 participants upto  
10 participants Rs. 885/-

(c) More than 10 participants upto  
30 participants Rs. 708/-

### 3.Educational institutions

(a) Students Rs. 590/-

(b) Faculty members Rs. 590/-

(c) lump sum amount if the  
participation is more than 10  
people up to 50 people per batch  
for academic institutes only Rs.  
8850/-

**Last Day of Registration: 5th  
December 2024**

**The fee is inclusive of GST**



**For any query regarding  
registration and payment Details  
may please contact to:**

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**Link of webinar will be sent on your  
email before one day of Webinar.**

**Use the below link for registration:**

<https://docs.google.com/forms/d/1bA10Nyxk4pZUSVHt0hQbgk4wnX0FAptknFP90ub6BmE/edit>

**Online Payment Details**

**Click on the link for payment**

<https://payment.cpri.res.in/pmt/pmt034.php>

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