



**WEBINAR  
ON  
OPTIMIZING DESIGN,  
TESTING, AND  
MAINTENANCE OF  
CONVENTIONAL AND  
NON-CONVENTIONAL  
TRANSFORMERS IN THE  
AGE OF EMERGING  
ENERGY RESOURCES**



**11 July, 2025**

**(2:00 PM to 5:00 PM)**

**Organised**

**by**

**1250 MVA Short Circuit Testing Station**

**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 TESTING 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, solar and wind applications 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:

ksk@cpri.in,  
saumitra@cpri.in,  
[yugal@cpri.in](mailto:yugal@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

Additional Director (Unit Head)

sumbul@cpri.in / stds@cpri.in

Ph: 0755-2586682

M: 9425021493

Programme Co-ordinators

Shri Yugal Agrawal, Joint Director

Divisional Head(Station-1)

Email- yugal@cpri.in M:9425372907

Shri Saumitra Pathak, Joint Director

Test Co-ordinator(Station-1)

Email- saumitra@cpri.in

M:9425301471

Organising Committee

Shri Diptiranjana Sahoo

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: 10th July 2025

The fee is inclusive of GST



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

Shri K. Sharath kumar

ksk@cpri.in

M: 7725004662

Shri Diptiranjana Sahoo

dsahoo@cpri.in,

M: 7999392621/ 9589552972

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/1qgWmq3E7pGTZApgM-eLNjyKVCWOOr2pFdQuF4g\\_L3iA/edit](https://docs.google.com/forms/d/1qgWmq3E7pGTZApgM-eLNjyKVCWOOr2pFdQuF4g_L3iA/edit)

Online Payment Details

Click on the link for payment

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

Bank Name Indian Overseas Bank

IFS Code IOBA0002171

Swift Code No. IOBAINBBQ39

GST

Registration

No.

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