



## राष्ट्रीय सम्मेलन

विद्युत, इलेक्ट्रॉनिक, चिकित्सा, रक्षा, ऑटोमोटिव एवं स्मार्ट मीटरिंग उपकरणों के लिए ईएमआई-ईएमसी परीक्षण, अनुपालन एवं उभरती चुनौतियाँ

## NATIONAL CONFERENCE ON

**EMI-EMC TESTING, COMPLIANCE AND EMERGING  
CHALLENGES FOR ELECTRICAL, ELECTRONIC, MEDICAL,  
DEFENCE, AUTOMOTIVE AND SMART METERING EQUIPMENT**

### DATE

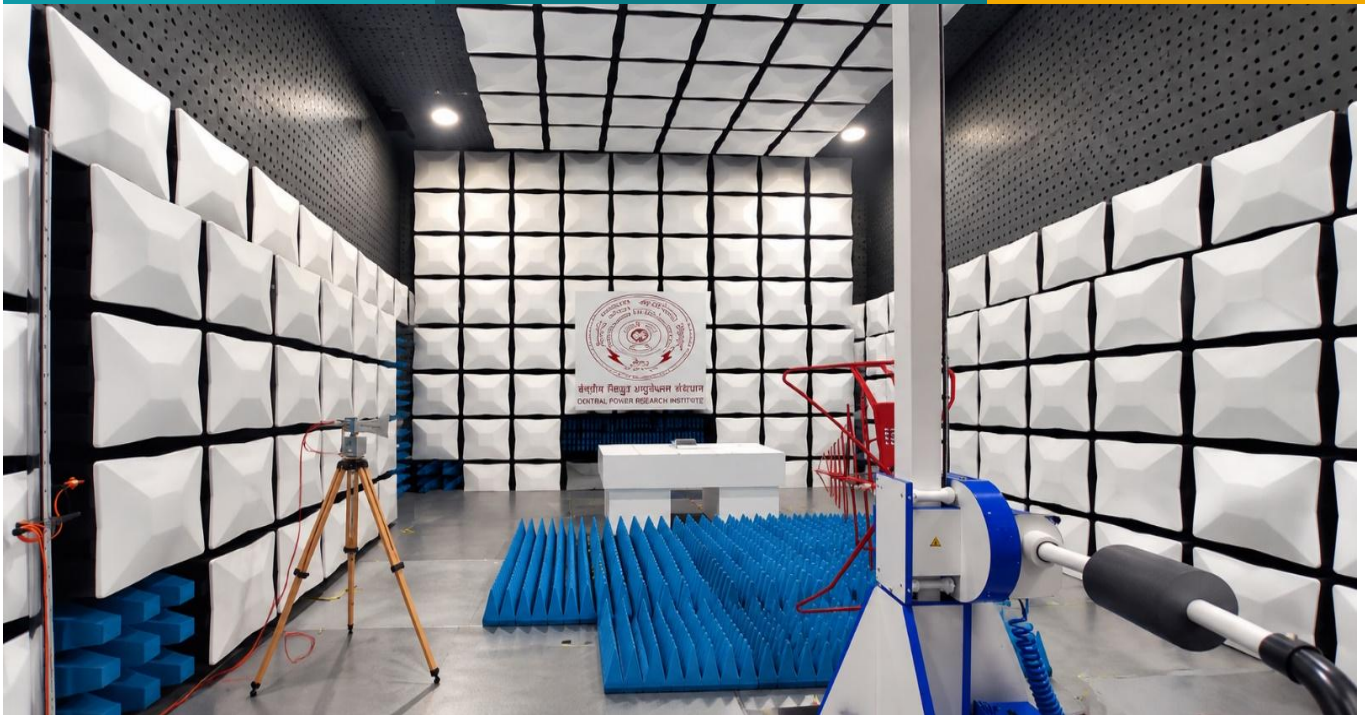
**4th December 2026**

### VENUE

**Hotel Courtyard by Marriott,  
Bhopal (M.P.)**

### MODE

**Physical Mode Only**



### ORGANIZED BY

**CENTRAL POWER RESEARCH INSTITUTE (CPRI)  
SWITCHGEAR TESTING & DEVELOPMENT STATION (STDs)  
ENERGY METER TESTING LABORATORY (EMTL)**

*Autonomous Body under Ministry of Power, Government of India*

Govindpura, Bhopal – 462 023, Madhya Pradesh, India | [www.cpri.res.in](http://www.cpri.res.in)

## About CPRI

Established in 1960 by the Government of India, the Central Power Research Institute (CPRI) serves as the apex national body for applied research in electrical power engineering and functions as an internationally recognized independent testing and certification authority for power apparatus. Certified under ISO/IEC 17025:2017, test reports issued by CPRI are accepted by utilities and regulatory institutions globally. Headquartered in Bengaluru, major regional specialized units operate at Bhopal (STDS), Hyderabad (UHVRL), Nagpur, Noida, Kolkata, Guwahati, Nashik, and Raipur.

### HOST LABORATORY

## Organizing Division: EMTL, STDS Bhopal

The Switchgear Testing & Development Station (STDS) at Govindpura, Bhopal, is globally renowned for high-power short-circuit testing (1500 MVA and 100 MVA stations).

The EMI/EMC Test Laboratory provides comprehensive testing and evaluation facilities for assessing the electromagnetic interference (EMI) emissions and electromagnetic compatibility (EMC) performance of a diverse range of electrical, electronic and emerging technology products. The laboratory caters to low-voltage switchgear, industrial, scientific and medical (ISM) equipment, electrical and electronic equipment, defence electronics, automotive systems, smart meters and smart metering equipment, along with other equipment incorporating electronic and communication technologies.

The laboratory is equipped to perform a wide range of emission and immunity tests, including conducted and radiated emissions, electrostatic discharge (ESD), electrical fast transient/burst (EFT/Burst), surge immunity, conducted immunity and radiated immunity, as applicable to the equipment under test.

Testing and evaluation are carried out in accordance with the relevant National and International Standards, IEC standards, CISPR requirements and applicable product-specific EMC standards, supporting manufacturers, utilities, system integrators and other stakeholders in achieving regulatory compliance, product reliability, interoperability and electromagnetic compatibility.

### OVERVIEW

## About the Conference

The power utilities, industries, automotives segment, defense sector and healthcare sectors are rapidly deploying advanced electronic infrastructure, smart metering systems under RDSS, wide-bandgap power converters, and high-frequency communication devices to make modern systems more automated and controllable. There are various technological, electromagnetic, and compliance challenges that are required to be taken care of while designing and installing such mission-critical equipment. Electromagnetic Compatibility (EMC) is key to the trouble-free operation of any electrical, electronic, medical, and smart metering system, while mitigation of Electromagnetic Interference (EMI) plays an important role that is to be taken care of from the design stage itself to ensure equipment reliability, consumer safety, and grid resilience. This face-to-face conference is organized to discuss the emerging challenges in EMI-EMC testing and regulatory compliance for the benefit of all stakeholders including Power Utilities, Smart Meter & AMI Manufacturers, Medical Device Developers, Switchgear & Power Electronics Manufacturers, Testing Laboratories, and R&D Institutions with the aim of sharing the emerging trends, standards, and mitigation technologies available in the market. The conference aims to provide platform for exchange of knowledge, recent developments, practical experiences and innovative approaches in the field of Electromagnetic Interference (EMI) and Electromagnetic Compatibility (EMC) testing.

### Who should attend

- Power Utilities
- Smart Meter & AMI Manufacturers
- Automotive Industries
- Medical Device Developers
- Switchgear & Power Electronics Manufacturers
- Testing Laboratories and R&D Institutions

### CONTRIBUTE

## Call for Technical Papers

Central Power Research Institute (CPRI) invites technical papers from researchers, academicians, manufacturers, utilities, testing laboratories, consultants, professionals and industry experts. Authors are encouraged to submit papers addressing practical EMC testing challenges, emerging technologies, standards and compliance requirements, particularly those relevant to the Indian Low Voltage Switchgears, Industrial, Scientific, Medical Equipment, EV, Defense and other related to electrical and electronic industry. Soft copy of full-length accepted paper in pdf to be submitted strictly as per the following format: Paper size: A4, No. of pages: 6-8 including tables & figures, Column: Double with 0.5inch spacing between columns, Font: Arial, single spacing. It is mandatory for one of the authors to register and present the paper for inclusion in the Conference e-proceedings. **Author registration will be free of cost.**

### BEST PAPER AWARD & JOURNAL PUBLICATION

**The first, second and third papers will be awarded** during the concluding session by technical committee.

The best papers selected by the technical committee will be considered for publication in **“Power Research – A Journal of CPRI”**.

## THEMES

### Conference Topics

Topics include, but are not limited to:

|                                                                                               |                                                                                            |
|-----------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|
| Radiated and conducted emission testing                                                       | Radiated and conducted immunity testing                                                    |
| EMI/EMC testing methodologies and compliance requirements                                     | EMC Requirements for Medical Devices: Standards, Test Methods and Compliance Strategies    |
| EMI/EMC testing of smart meters and smart metering equipment                                  | Radiated and Conducted Emissions in Automotive Electronic Systems – Testing and Mitigation |
| EMI/EMC in smart grids, AMI, SCADA, RTUs and IEDs                                             | EMI/EMC testing of LV switchgear and control gear                                          |
| CISPR, IEC and other international standards and their implementation                         | Measurement uncertainty and EMC test laboratory practices                                  |
| Semi-anechoic chamber design, validation and field uniformity                                 | Antenna calibration, test instrumentation and measurement techniques                       |
| EMI/EMC Testing and Compliance Challenges in Defense Electronics and Mission-Critical Systems | Emerging trends, regulatory developments and future challenges in EMI/EMC                  |

## MARK YOUR CALENDAR

### Important Dates

| PAPER SUBMISSION DEADLINE | ACCEPTANCE CONFIRMATION | CONFERENCE DATE |
|---------------------------|-------------------------|-----------------|
| 15 Nov 2026               | 20 Nov 2026             | 4 Dec 2026      |

All updates pertaining to this conference will be posted on the CPRI website only ([www.cpri.res.in](http://www.cpri.res.in)). Please visit the website for regular updates.

## PARTICIPATE

### Registration Fee & Discounts

| Sl. No. | Category                                                                                                                                       | Fee per Participants (inclusive of 18% GST) |
|---------|------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|
| 1       | General registration for manufacturers                                                                                                         | Rs. 11,800                                  |
| 1a      | General – for 3 participants (10% Group Discount)                                                                                              | Rs. 10,620                                  |
| 1b      | General – for 4 or more participants (20% Group Discount)                                                                                      | Rs. 9,440                                   |
| 2       | Faculty members from educational institutions (30% Discount)                                                                                   | Rs. 8,260                                   |
| 3       | Students of educational institutions (50% Discount)                                                                                            | Rs. 5,900                                   |
| 4       | Officials from State Govt. / Central Govt. / Public Sector Units / Power utilities / R & D Institutes/Govt testing laboratories (30% Discount) | Rs. 8,260                                   |
| 5       | Foreign Delegates                                                                                                                              | USD 300                                     |

### How to register

- Fill in the registration form separately for each participant and send it with the payment acknowledgment to the conference coordinators. The registration fee shall be paid online through the CPRI web portal in advance. The official portal link for making the payment is: <https://payment.cpri.res.in>
- Online Payment Instructions:** On the payment portal, select the regular payment option, select Unit as "Central Power Research Institute, STDS, Bhopal", select Division & Laboratory as "Energy Meter Test Laboratory". Select Purpose of payment at Sl. No. 4: "Seminar/Webinar/Training/Conference"; all other information as appropriate may be provided in respective fields.
- Or register online: <https://forms.gle/NxN7ueufPoZxyNzw7>

## Event Sponsorship Opportunities

Sponsorship opportunities are available for this event. Details of sponsorship amounts and privileges are below.

| Category        | Amount                | Benefits                                                                                                                                         |
|-----------------|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Diamond</b>  | <b>Rs. 5,00,000/-</b> | Participation for 8 delegates; company logo at conference venue and conference e-proceedings and two-page write-up in conference e-proceedings.  |
| <b>Platinum</b> | <b>Rs. 3,00,000/-</b> | Participation for 6 delegates; company logo at conference venue and conference e-proceedings and one-page write-up in conference e-proceedings.  |
| <b>Gold</b>     | <b>Rs. 2,00,000/-</b> | Participation for 4 delegates; company logo at conference venue and conference e-proceedings and half-page write-up in conference e-proceedings. |
| <b>Silver</b>   | <b>Rs. 1,00,000/-</b> | Participation for 2 delegates; company logo at conference venue, and company logo in conference e-proceedings.                                   |
| <b>Startup*</b> | <b>Rs. 50,000/-</b>   | Participation for 2 delegates; company logo at conference venue and company logo in conference e-proceedings.                                    |

\*Startups must submit documentary proof of registration during the last three years.

### VENUE

## Hotel Courtyard by Marriott Bhopal

DB City Mall, Zone-I, Bhopal – 462 011, Madhya Pradesh

*Non-residential conference. 5-star buffet lunch and tea/refreshment breaks included in the delegate fee.*

### PEOPLE

## Conference Committee

### CONFERENCE PATRON

**Dr. J. Sreedevi**

Director General, CPRI

### CONFERENCE CHAIR

**Dr. Venkateswara Rao Mushini**

Director & Group Head

**Sumbul Munshi**

Additional Director & Unit Head, CPRI Bhopal

### TECHNICAL COMMITTEE

**Sanjay Baisakhiya**

Program Director, SAMEER-  
Chennai

**Dr. D. C .Pande**

President of IETE, Ex DRDO LRDE

**Shiva S. Rai**

Sc. G, LRDE, DRDO

**Abhijit B. Mulay**

Deputy Director, ARAI

**Kumar Lohith**

Technical Director, Bosch.

**Dr. Udaya Kumar**

Professor and Chairman of Electrical Engineering  
Department, IISC

**Dr. R. Lenin**

Senior Member – IEEE, IEEE –  
EMC Society

**Lt Cdr Vijay Chandrasekar (Retd.)**

ETS Lindgren

**Leena. H. Roy**

Joint Director, CPRI

**Dr. Priyamvada Chandel**

Joint Director, CPRI

**Shyam Agarwal**

Engineering Officer, CPRI

**Gyan Prakash Nirmal**

Engineering Officer, CPRI

**P.V. Sai Krishna**

Engineering Officer, CPRI

## ORGANIZING COMMITTEE

|                                                    |                                                         |                                                           |
|----------------------------------------------------|---------------------------------------------------------|-----------------------------------------------------------|
| <b>Dr. Arun Kumar Datta</b><br>Additional Director | <b>Sarita Dongre</b><br>Joint Director                  | <b>Himangshu Roy</b><br>Joint Director                    |
| <b>Deepa J. Warudkar</b><br>Joint Director         | <b>Saumitra Pathak</b><br>Joint Director                | <b>Rajendra Singh</b><br>Engineering Officer              |
| <b>Arvind Pandey</b><br>Engineering Officer        | <b>Diptiranjana Sahoo</b><br>Engineering Officer        | <b>Sunil O. Koche</b><br>Engineering Officer              |
| <b>Vipul Sharma</b><br>Engineering Officer         | <b>Rajkumar Malapati</b><br>Engineering Officer         | <b>Prashant N. Deollikar</b><br>Engineering Officer       |
| <b>Manoj Hirani</b><br>Engineering Officer         | <b>Prabakaran. T</b><br>Engineering Officer             | <b>K. Sharath Kumar</b><br>Engineering Officer            |
| <b>Guguloth Veeranna</b><br>Engineering Officer    | <b>Dr. Rajakumar Sakile</b><br>Engineering Officer      | <b>Dr. Nikhil Janardhan Bodele</b><br>Engineering Officer |
| <b>Jan Rao Gajbhiye</b><br>Engineering Officer     | <b>Sanjaya Kumar Acharya</b><br>Senior Accounts Officer | <b>Dr. K. H. Satish</b><br>Administrative Officer         |

## CONFERENCE CONVENER

|                                                         |                                                             |
|---------------------------------------------------------|-------------------------------------------------------------|
| <b>Leena H. Roy</b><br>Joint Director & HoD, EMTL, CPRI | <b>Dr. Priyamvada Chandel</b><br>Joint Director, EMTL, CPRI |
|---------------------------------------------------------|-------------------------------------------------------------|

## GET IN TOUCH

### Contact the Coordinators

For any query regarding registration, paper submission and sponsorship:

|                                                                                   |                                                                                       |                                                                                        |
|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|
| <b>Shyam Agarwal</b><br>Engineering Officer<br>✉ sagarwal@cpri.in<br>☎ 7060257755 | <b>Gyan Prakash Nirmal</b><br>Engineering Officer<br>✉ gyanpn@cpri.in<br>☎ 9140667915 | <b>P.V. Sai Krishna</b><br>Engineering Officer<br>✉ pvsrkishna@cpri.in<br>☎ 9494563960 |
|-----------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------|

## VENUE



[View Location Details](#)

**Hotel Courtyard by Marriott Bhopal**, DB City Mall, Zone-I,  
Bhopal - 462 011, Madhya Pradesh.

**Hospitality:** Non-residential conference. 5-star buffet lunch &  
tea/refreshment breaks included in delegate fee.

## केन्द्रीय विद्युत अनुसंधान संस्थान CENTRAL POWER RESEARCH INSTITUTE स्विचगियर परीक्षण एवं विकास केंद्र SWITCHGEAR TESTING & DEVELOPMENT STATION

(विद्युत मंत्रालय, भारत सरकार / Ministry of Power, Government of India)  
गोविंदपुरा, भोपाल / Govindpura, Bhopal - 462 023 | मध्य प्रदेश / Madhya Pradesh