

Webinar

On

“Smart Energy Meter Testing as per International Standard”

Date: 25th August, 2025 (Monday)

Time: 2:00 PM to 5:30 PM



Organised by
Energy Meter Testing Laboratory
Central Power Research Institute
Bhopal-462023

website: www.cpri.in

“Smart Energy Meter Testing as per International Standard”

Program Overview:

As the world shifts toward smarter energy solutions, **smart meters** have emerged as a crucial technology for modernizing how we consume and manage energy. These advanced devices are not only transforming the way we interact with energy but are also helping utility companies improve efficiency and sustainability.

International standards play an important role in global trading. For electricity metering, standards are developed by IEC Technical Committee 13: Equipment for electrical energy measurement, tariff and load control. These are used by manufacturers, utilities, metering service providers, regulators and legal metrology bodies.

The IEC standard covers all metering equipment for all applications. At present, more than 30 standards and technical reports are available. These are used as they stand, or are adapted by many regions and countries worldwide. Some parts of the world standards developed by ANSI/EN are used as alternatives to IEC standards

IEC cover the most important aspects of metering and provide a sound basis for specifications, type approvals and acceptance testing. Infrastructures and installation conditions may vary from country to country, some mechanical aspects – such as meter size and connection arrangements – are left to national standards. The standards have recently been rearranged in the IEC 6205X series, to facilitate their use and maintenance; all revised and new publications are published as part of this series.

Program Objective:

The aim of the webinar is to provide platform to exchange engineering knowledge, experiences and information on international standards for energy meter testing.

Program Profile:

The program will cover:

- International Standard Review
- Design modification and Testing requirements as per International Standard
- Manufacturer's point of view

Methodology:

Lectures through power point presentation, discussion and case studies.

Who may Attend:

Engineers involved in modern grid, Utility engineers, Manufacturer of Energy meters, Academicians and students.

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Sl.No.	Institutions	Fee per person per day (in INR)
1.	State Power utilities / Government agencies up to 5 participants:	₹750 + GST 18%
	Group discount for nomination of:	
	a) More than 5 participants up to 10 participants.	₹ 650 + GST 18%
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2.	Private Sector up to 5 participants.	₹1,000 + GST 18%
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	b) More than 10 participants up to 30 participants.	₹600 + GST 18%
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6.	Charges for foreign delegates	₹1,500 + GST 18%

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Link for attending the webinar will be shared one day prior to webinar.

Patron: Smt. Sumbul Munshi, Additional Director (Unit Head) STDS, CPRI Bhopal

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Organizing Committee:

Mrs. Deepa Warudkar	Dr. Priyamvada Chandel	Mr. Shyam Agarwal
Mr. Gyan Prakash Nirmal	Mr. Pulipati Venkata Sai Krishna	
Mr. Rajesh Kumar Sharma	Mr. Aaditya Raj	

Program Co-Ordinator:

Mrs. Deepa Warudkar, Joint Director (Mob: 9425370622, Email: warudkar@cpri.in)

Contact:

Mr. Shyam Agarwal, Engineering Officer (Mob:7060257755, Email: sagarwal@cpri.in)

Mr. Gyan Prakash Nirmal, Engineering Officer (Mob: 9451113612, Email: gyanpn@cpri.in)

Mr. Pulipati Venkata Sai Krishna, Engineering Officer (Mob: 9494563960, Email: pvskrishna@cpri.in)

email :stdsemtl@cpri.in