

National Webinar on **ADVANCED METERING INFRASTRUCTURE SYSTEM AND TECHNOLOGIES**

08 June 2023



स्मार्ट ग्रिड अनुसंधान प्रयोगशाला

Smart Grid Research Laboratory

केंद्रीय विद्युत अनुसंधान संस्थान

CENTRAL POWER RESEARCH INSTITUTE

(भारत सरकार की सोसाइटी, विद्युत मंत्रालय / Govt. of India Society, Ministry of Power)

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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 electrical equipment. CPRI also provides consultancy services on various facets of power sector. CPRI has experienced faculty in different subjects of power sector with practical experience in their areas of interest as well as extensive experience in presenting courses/seminars.

About the National Webinar

The Government of India has launched the Revamped Distribution Sector Scheme (RDSS) to strengthen the DISCOM sector. As a part of this scheme, utilities will be implementing an AMI system with prepaid smart meters. To facilitate this, the Central Power Research Institute (CPRI) has been appointed as the testing agency to conduct demonstration testing of AMI solution providers (AMISPs) who will participate in tenders under the RDSS. CPRI has established an AMI test-bed arrangement for AMISPs to showcase the functionalities and features of their AMI system, and a test process and procedures have been developed for this purpose. Successful AMISPs will be empaneled. This National webinar will focus on the Journey of Metering in India, AMI Technologies, HES, MDM, Communication Systems, Smart Meters for AMI System, and testing requirements in an online mode.

Topics Covered

The following topics will be discussed during the National Webinar:

- Metering Journey in India
- Smart meter, HES, MDM, and Communication Systems
- AMI System Functions and Service Level Performance Testing
- Cyber Security

Who should attend?

This National webinar is designed for utility engineers, manufactures, researchers, consultants, system integrators and academia and those who are interested in the topics mentioned above. As the seats are limited, registration will be on first cum first serve basis.

Programme Schedule

The National webinar will be held on **08th June 2023 from 02:00 PM onwards**, through online mode. Details of the registration link and the schedule will be shared to all registered participants.

Please visit <https://cpri.res.in/upcoming-events> for brochure, registration form and updates.

Registration Fees

Prior registration is mandatory for participating in this programme. The details of the participation fee along with applicable discounts are as provided below:

Sl No	Institutions	Fee per person*
1	State Power Utilities / Government agencies	
	Up to 5 participants	Rs. 750 + GST
	6-10 participants	Rs. 650 + GST
	11-30 participants	Rs. 600 + GST
2	Private Sector Organizations	
	Up to 5 participants	Rs. 1000 + GST
	6-10 participants	Rs. 750 + GST
	11-30 participants	Rs. 600 + GST
3	Students of educational institutions	Rs. 500 + GST
4	Faculty Members of educational institutions	Rs. 500 + GST
5	Foreign delegates	Rs. 1500 + GST

* Present GST rate is 18 %.

All the participants will be provided with participation certificate based on the attendance.

Payment Method

Registration fee is accepted only by online payment mode through CPRI web portal, the link for making payment is https://cpri.res.in/online-testing/pay_online

Note: On this payment portal, choose Payment made against as “Advance Payment”, Select Unit as “CRTL, Bengaluru”, division as “Smart Grid Research Laboratory” and mention “New customer” if you do not have CPRI party code. Individuals who are not having TAN or GSTN, may fill TAN and GSTN fields with all 9’s while making payment. All other information as appropriate may be provided in respective fields.

It may please be noted that it may take 3 working days to reflect in CPRI account so kindly arrange to make the payment well in advance. Once the payment is made, bank transaction details may be shared with the programme coordinators.

Smart Grid and Research Laboratory

The laboratory houses advanced facilities for carrying out testing and research in the area of smart Grid which includes Advanced Distribution Automation, Advanced Metering Infrastructure, Interoperability, Communication and Cyber security systems. It includes Smart Grid Test Bed and Technology Demonstration Test Bed for AMI system. These test beds are also useful in performance evaluation of various smart grid components.

The division is providing testing services of Communication Protocol and Security Conformance for Intelligent Electronic Devices (IEDs) / Gateways/ RTUs as per IEC 61850. The IEC test facility is accredited by UCA IUG as Level ‘A’ (Independent Test Lab with certified ISO / IEC 17025: 2017 Quality Systems). The laboratory is accredited as per ISO / IEC 17025: 2017 by NABL and test reports / certificates issued by CPRI are accepted worldwide. The division has also commenced testing of RTUs / FRTUs for communication protocol and security conformance as per IEC 60870-5-101 / 104 and IEC 62351.

The division also provides consultancy services for implementation of Smart Grid and AMI / smart meter implementation, Distribution Automation, SCADA System, Substation automation systems, Cyber security and Communication Systems for various utilities, industries, and other organizations.

Programme Coordinators:

- Dr. Amit Jain, Joint Director & HOD
- Shri Shivakumar V, Joint Director
- Shri Pradish M, Engineering Officer
- Shri Shailesh Kapoor, Engineering Officer
- Shri Shyam Agarwal, Engineering Officer

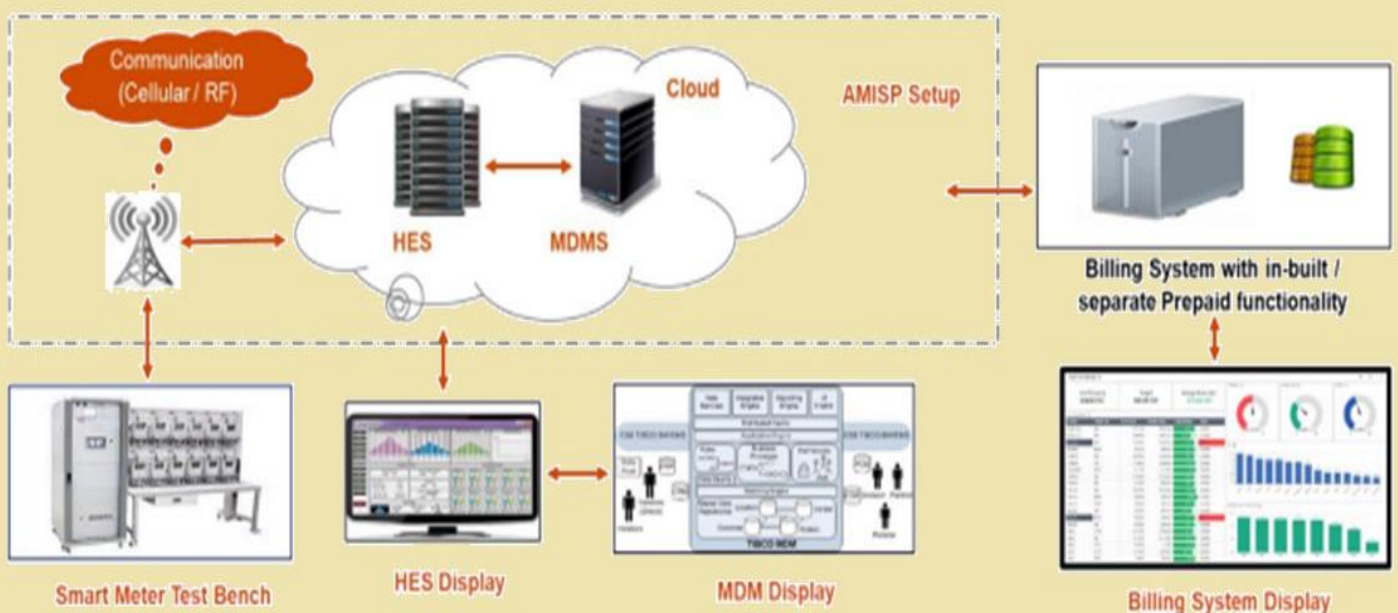
Contacts:

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Shri Shailesh Kapoor
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Mob. 9252894700
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Shri Shyam Agarwal
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The programme schedule will be shared to all registered participants. Hence, the participants are requested to individually send in advance their registrations in the format provided to the programme coordinators. Alternatively, participants can also register through online registration link <https://forms.gle/degYyFd3tNaMeMPy5>





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REGISTRATION FORM

NATIONAL WEBINAR ON ADVANCED METERING INFRASTRUCTURE SYSTEM AND TECHNOLOGIES

08 JUNE, 2023

www.cpri.res.in

Full Name of the Participant: _____

Designation: _____ Nationality _____

Organization: _____

Full address of Organization: _____
(For Correspondence)

_____ PIN Code: _____

Phone (Off.) : _____ Fax: _____

Mobile/Cell: _____ E-mail: _____

Payment details:

Registration fee is to be paid online through CPRI web portal in advance. The link for making the payment is: https://cpri.res.in/online-testing/pay_online

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Payment transaction No./ UTR No.: _____

Bank: _____ Amount: _____ Date: _____

Any other details: _____

The above payment is for _____ No. of participants from our organization.

Date: _____

Signature: _____

Softcopy of completely filled registration forms shall be sent to any of the following programme contacts:

Shri Pradish M
Engineering Officer
pradish@cpri.in
Mob. 9448722416

Shri Shailesh Kapoor
Engineering Officer
skapoor@cpri.in
Mob. 9252894700

Shri Shyam Agarwal
Engineering Officer
sagarwal@cpri.in
Mob. 7060257755

Kindly use separate form for each participant, downloaded / photocopies of this registration form is acceptable. Alternatively, registration can be made on line also

KINDLY VISIT CPRI WEBSITE FOR UPDATES

www.cpri.res.in