

Organizer



Virtual Training on

# International and National Standardization for Electrical Engineers

Date: 18<sup>th</sup> – 19<sup>th</sup> January 2022

Timing: 15:00 IST (2 Hours)



**Shyam Kumar**  
Scientist - C  
Bureau of Indian Standards



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Former Director General  
Central Power Research Institute

## Topics to be Covered

**Why Standards?** War on Standards, Main Players, Europe, America, Asia and Oceania, Africa, Public View of Standardization, Innovation Process, Market Access, Regulatory Processes.

**Framework for Standards,** World Trade Organization, United Nations Economic Commission for Europe (UN ECE), United Nations Economic Commission for Africa (UN ECA), United Nations Economic Commission for Latin America and the Caribbean (UN ECLAC), United Nations Economic and Social Commission for Asia and the Pacific (UN ESCAP), European Union General European Commission Regional, United States, China, Europe.

**Standardization Processes:** Principles, Legal Relevance, Development of Standards.

**International Organizations:** International Electro technical Commission (IEC), Organization, Types of Documents, Dresden Agreement, Steps in Standards. International Organization for Standardization (ISO), General, ISO/IEC Joint Technical Committee (JTC 1), International Telecommunication Union (ITU), Organization, CENELEC, General, Organization, CENELEC and CEN Specifics, Strategy, ETSI.

**BIS:** Organization, standardization process, committees, Co-operation with IEC/ ISO.

**IEEE: IEEE-SA:** Standards Development Process, Power and Energy Society, International Coordination, IEC and CENELEC, ISO and CEN, National Organizations.

**Germany:** DKE, DIN VDE, Standards Process, Parallel IEC-CENELEC Process, Organization of DIN/DKE Standards, Adoption of CENELEC Documents VDE Application Guide, VDE Specification Code, The DKE's View of Standardization in the United States. **France** – AFNOR: Structure, Spain – AENOR, History, AENOR, **United Kingdom** – BSI, National Standards Body, Standard Development. **USA** – ANSI, History, US Standardization System, Structure and Management. **Japan** – JSA, Developing Standards Conformity Assessment, Cooperation with International Standardization, Certification.

Standardization Support Organizations: **CIGRE, CIRED Conformity and Certification, General Processes, IEC Process, European Process.**

## Background

Central Board of Irrigation & Power (CBIP) a premier Institution, setup by GOI in 1927 is serving the nation in the disciplines of Power, Renewable Energy and Water Resources Sectors for more than 94 years.

It is an exchange and knowledge bank for dissemination of technical knowledge & professional experience to help Engineers/ Professionals to update their knowledge and gain practical know-how.

## Unique Features of Online Trainings

- Training with high safety of participant's as no travel & travel related cost is involved.
- Expert's Panel discussions within participants.
- Learning and working balance as our sessions are planned for 2 hours per day.
- Well proven online platform with high cyber security.
- Live message chat, live voice chat, polls and quiz.
- Real time engagement.
- E-Certificates to the participants.

## Objective

- To disseminate technical knowledge through various modes, e.g., publication of technical documents, organizing conferences /workshops.
- To provide specialized training to the professionals in the Power, Renewable Energy and Water Resources Sectors.

## Address For Correspondence

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## Sponsorship Opportunity

Platinum Sponsor: Rs. 50,000/-	Gold Sponsor: Rs. 30,000/-	Silver sponsor – Rs. 20,000/-
Free Login for the event: for Platinum Sponsor - up to 10 nos.	Free Login for the event: for Gold Sponsor - up to 5 nos.	Free Login for the event: for Silver Sponsor - up to 3 nos.
Speaking Slot : 10 minutes	-	-
Full visibility & wider publicity: through display of logo on the Brochure for email marketing for the virtual event, on the banner for display during the event, on the websites of CBIP/CIGRE-India.		
Sharing of data of participants: to have a chance to connect with new customers for business exposure.		
Coverage/ Publicity in Key Journal: i.e. Water & Energy Intl. Journal, which has a circulation of 10,000 to focused professionals & stakeholders.		
A4 size advt. for printing in monthly W&E Intl. journal (Special Position) single issue	A4 size advt. for printing in monthly W&E Intl. journal (Inside) single issue	-

## Facilitation Charges

The duration of the online training will be of 2 days (2 hrs. on each day) out of which 1hr 30 minutes will be for tech. session followed by 30 minutes for Q/ A session.

**Login fee for the participants is as follows:**

Members*	Rs. 3,000/- per participant
(CBIP, CIGRE & AARO)	
Non Members	Rs. 3,600/- per participant
Students	Rs. 750/- per student

**Note: 18% GST extra**

The program is limited to 200 participants, which will be on First cum First serve basis.

\*CPSUs, PSUs, Centre & State Utilities, Regulatory Commission, Research Institution and Key Pvt. Sector organization are member of CBIP.

## To Register

The perspective participants, desirous of attending the above event may register themselves by sending the following details to CBIP along with necessary payments:

Title of event, Name, Designation, Organization, Mailing address and Phone / Fax/E-mail

Payments of facilitation charges should be made by bank transfer and cheque at par/Demand Draft drawn in favour of "Central Board of Irrigation and Power", payable at New Delhi.

### Account Details for Online Payment

Account No.	00031110004411
Account Name	Central Board of Irrigation and Power
Bank Name	HDFC Bank, 209-214, Kailash Building, 26, K.G. Marg, New Delhi 110001
IFS Code	HDFC0000003
MICR No.	110240001
Swift Code	HDFCINBBDEL
GST No.	07AAAJC0237F1ZU

**Note: Registered participants will get link 1 day prior to event. The Name of the event should be mentioned under subject in all the correspondence relating to this event. Also after making of the payment online in respect of the event, the details like UTR/Organization name to be furnished immediately.**