



# National Tutorial (Online) on Features in Modern Numerical Relays for Enhancing the performance of Power System Protection

Date: 29-30 June 2022

Timing: 15:00 IST



**Keynote Speaker**  
**Somes Bandyopadhyay**  
Chairman CIGRE NSC B5  
Protection and Automation &  
CEO, Aravali Power Company  
Private Limited (A Joint Venture  
of NTPC, HPGCL & IPGCL)



**Eminent Speaker**  
**Sanjay G. Patki**  
Distinguished Member of  
CIGRE and Former  
Chairman of National  
Committee on Protection  
and Automation

## Takeaway

As the Power system has grown the complexities of the network has increased to deal with contingencies, abnormal operating conditions and complex fault conditions. The Numerical Protection Relay technology has addressed a number of such complexities thereby making protection functions more sensitive, selective and ensuring high speed fault clearance. This has helped make the modern power system more fault resilient. The program will provide insights into the complexities of the power system and also how the features of numerical relays can be effectively utilized for Reliable operation of Power system.

## Organizers



## 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.

## 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

Sh. A.K. Dinkar, Secretary, CBIP  
Sh. Sanjeev Singh, Director (E), CBIP

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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.**