

# WEBINAR ON

## “Latest Trends and Developments in Low Voltage Switchgear, Controlgear and Associated Assemblies”

25 August 2023



Organised by  
**Short Circuit Laboratory**  
Central Power Research Institute  
Bengaluru - 560080.

### A BRIEF ABOUT WEBINAR

Electrical distribution system must be designed properly to have proper safety & to have reliability of electrical supply. Hence effective performance evaluation is a must for switchgear & controlgear components and associated assemblies used in the distribution network. System stress like overload, short-circuit, switching transients, temporary over voltages etc. must be addressed due to extensive growth of distribution network.

Hence it is essential to ensure that all LT distribution components like circuit breakers, switches, contactors, overload relays / starters, fuses, assemblies & associated control and auxiliary devices are tested properly as per various national & international standards in order to have safety & reliability in the network.

Ministry of heavy industries have now made it mandatory to have ISI mark for these products especially which are designed & tested as per IS/IEC 60947-2, IS/IEC 60947-3, IS/IEC 60947-4-1, IS/IEC 60947-4-2 & IS/IEC 60947-5 standards by implementing the quality control order (QCO) in association with BIS & testing laboratories. This will ensure utmost safety & reliability of the distribution network & avoid use of sub-standard products by the end user. The main aim of this webinar is to create awareness among various manufacturers, utilities, end users, consultants about this QCO & also latest developments in the today's technology and to educate the importance of testing & to discuss the requirement of standards. This will be benefit for manufactures, utilities and end users.

### EXPERT TALKS

- ❖ Philosophy of LV Switchgear Developments
- ❖ Regularity Requirements
- ❖ Progress in Digitalization of LV Switchgear
- ❖ Smart Circuit Breakers
- ❖ Challenges in Design of DC Switchgear
- ❖ Design of EV & Solar Fuses
- ❖ Interpretations of IEC Standards

### Participation Fees Details

SI.NO	INSTITUTIONS	FEE (₹)
1.	State power utilities/Government agencies:	
	a. Up to 5 participants	1500
	b. 5 to 10 participants	1300
	c. More than 10 participants	1200
2.	Private Sector:	
	a. Up to 5 participants	2000
	b. 5 to 10 participants	1500
	c. More than 10 participants	1200
3.	Educational institutions	
	a. Students	750
	b. Faculty Members	1000
4.	Charges for foreign delegates in equivalent \$	3000
5.	GST applicable Extra	18%

Click below for Registration  
**Register Now!**

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