Topics to be Covered

- Why is Electricity safety so important & Hazards and risks from Electricity.
- Fundamentals of Electrical safety.
- Introduction of Earth and Grounding system.
- Effect of current passing through the human body and safety requirements.
- Electrical accidents and dangerous occurrences.
- Basic safety precautions & Safety procedures and methods.
- Earth electrode, protective conductors, grounding and bonding of electrical.
- Systems and Equipment.
- Electrical maintenance and relationship to safety, Testing Electrical safety.
- Accident prevention, accident investigation, rescue and first aid.
- Human factors in electric safety, Safety management and organizational structure, Safety training methods systems.
- Legislative frame work- Electricity Act 1910, Electricity Rules 1956.
- CEA Regulations for measures relating to safety and electric supply -2010 and amendments.

- Designating persons to operate & carry out the work on Electrical apparatus, Inspection & Safety measures.
- General Safety requirements, General Conditions relating to supply and use Electricity.
- Safety Requirements for overhead lines, underground cables & Generating stations.
- Safety Requirements for electric Traction.
- Safety Requirements for mines and oil fields.
- Miscellaneous – Training requirements, syllabus & Evaluation procedures.
  - Part 1 general and common aspects
  - Part 2 electrical installations in stand-by generating stations and captive substations
  - Part 3 electrical installations in non-industrial buildings
  - Part 4 electrical installations in industrial buildings
  - Part 5 outdoor installations
  - Part 6 Electrical installations in agricultural premises
  - Part 7 Electrical installations in hazardous areas
  - Part 8 Solar photovoltaic (pv) power supply systems
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.

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Sponsorship Opportunity

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.

<table>
<thead>
<tr>
<th>Login fee for the participants is as follows:</th>
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<tbody>
<tr>
<td><strong>Members</strong>*</td>
<td><strong>Rs. 3,000/- per participant</strong></td>
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<tr>
<td><strong>Non Members</strong></td>
<td><strong>Rs. 3,600/- per participant</strong></td>
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<td><strong>Students</strong></td>
<td><strong>Rs. 750/- per student</strong></td>
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**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.

<table>
<thead>
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<th>Account Details for Online Payment</th>
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</tr>
<tr>
<td><strong>Account Name</strong></td>
<td>Central Board of Irrigation and Power</td>
</tr>
<tr>
<td><strong>Bank Name</strong></td>
<td>HDFC Bank, 209-214, Kailash Building, 26, K.G. Marg, New Delhi 110001</td>
</tr>
<tr>
<td><strong>IFS Code</strong></td>
<td>HDFC0000003</td>
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<td><strong>MICR No.</strong></td>
<td>110240001</td>
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<td><strong>GST No.</strong></td>
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**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.**

<table>
<thead>
<tr>
<th>Platinum Sponsor: Rs. 50,000/-</th>
<th>Gold Sponsor: Rs. 30,000/-</th>
<th>Silver sponsor – Rs. 20,000/-</th>
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<tbody>
<tr>
<td>Free Login for the event: for Platinum Sponsor - up to 10 nos.</td>
<td>Free Login for the event: for Gold Sponsor - up to 5 nos.</td>
<td>Free Login for the event: for Silver Sponsor - up to 3 nos.</td>
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<tr>
<td>Speaking Slot : 10 minutes</td>
<td>-</td>
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<td>Full visibility &amp; 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.</td>
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<td>Sharing of data of participants: to have a chance to connect with new customers for business exposure.</td>
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<tr>
<td>Coverage/ Publicity in Key Journal: i.e. Water &amp; Energy Intl. Journal, which has a circulation of 10,000 to focused professionals &amp; stakeholders.</td>
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<td>A4 size advt. for printing in monthly W&amp;E Intl. journal (Special Position) single issue</td>
<td>A4 size advt. for printing in monthly W&amp;E Intl. journal (Inside) single issue</td>
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