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Webinar on

Advanced Supercritical Technology
(06th November, 2020 from 14:30 to 17:00 Hrs.)

Organized by

Central Board of irrigation and Power

CBIP Centre of Excellence, Gurugram

(Committed towards the development of Power, Renewable Energy and Water Resources Sectors)

Under the aegis of

Society of Power Engineers (India)

CBIP Building Malcha Marg, Chanakyapuri, ND

(The only Professional Body which meant for Power Engineers)

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.

CBIP'S MAIN OBJECTIVE IS:

- 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.

PROGRAMME OVERVIEW/OBJECTIVE

Since the present generation of boilers has switched over to boilers from the supercritical zone, it is necessary to provide insights in this cutting edge technology to the working engineers in the power sector.

The program aims to understand the advantage of supercritical knowledge over sub-critical zone. It is also aimed to provide knowledge of the design philosophy, erection and constructional details through dynamic aspects and operational aspects behind super critical technology.

With its objective in mind, CBIP is organizing interactive webinar on **"Advanced Supercritical Technology"** on **06th November, 2020** (14:30. to 17.00 hrs). The renowned expert will deliver the presentations covering following topics:

- Thermodynamic aspects of supercritical technology.
- Design and development of once through supercritical boilers.
- Materials for supercritical/advance supercritical/ultra supercritical units.
- Advancement in supercritical boilers.
- Turbines for supercritical units.
- Water chemistry for supercritical units.
- Best operational practices

PROGRAMME ADVANTAGES/TAKEAWAYS

At the end of the program, participants shall be able to:

- Define the difference between sub-critical and supercritical technology.
- Understand the advantages of supercritical technology.
- Analyze the environmental impact.

UNIQUE FEATURES OF WEBINAR

- High safety of participants w.r.t. COVID19 as no travel is involved
- No travel related costs
- Learning and working balance as our sessions are planned for half day
- Flexibility to join via android / ios mobile phones
- Well proven online platform with high cyber security.
- Live message chat, Live voice chat, polls and Quiz Real time engagement
- Working Group Discussion within participants

E-Certificates Note:

- Audio/video recording is prohibited however the presentations will be send to the mail of the participants
- CBIP will not be responsible for any quality and interruption of audio/video due to poor internet connectivity at the customer end
- Online training session link will be provided to the participants only. Forwarding the link to other

person is strictly prohibited
- The participants will be required to adhere the time schedule fixed for the training

WHO SHOULD ATTEND?

Executives working in design/engineering/O&M/erection & construction of sub-critical & super critical units in conventional

TIMING & DURATION OF WEBINAR

The duration for on line training will be of 01 Day (2 1/2) hrs) out of which 02 hrs will be for subject session followed by 30 minutes for question/answer session.

REGISTRATION FEE

The Registration fee will be as follows

Category	Fee in INR	
	Members Society of Power Engineers	Non Members
Individual Per Login	1000	1200

Attractive discount for nominating a group up to 5, 10, 15 and 20 persons etc.

18%GSTwill be extra.

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

TO REGISTER

The perspective participants, desirous of attending the above webinar may register themselves by clicking the link: **Click Here To Register**

Or by sending the following details to CBIP by email along with necessary payments:

Title of webinar
- Name:
- Organization:
- Mailing address:
- E-mail:
- Mob:

Note: After registration, the participants will be provided the link 1 day prior to the session to participate in the session

(GST No. 07AAAJC0237F1ZU)

Payments of registration fee should be made by cheque at par/Demand Draft drawn in favour of **"Central Board of Irrigation and Power"**, payable at New Delhi or by transfer the amount to following bank

Name of Bank: HDFC, Bank,
SB Account No.: 00031110004411;
IFSC: HDFC 0000003
MICR Code: 110240001
Address: 209-214, Kailash Building, 26 Kasturba Gandhi, Marg, New Delhi 110001,

Address for Correspondence

G.P. Patel, Secretary, CBIP
A.K. Bhatnagar, Director, CBIP
Nodal Officers: Shri Jaideep Singh, Sr. Manager (T)
M : 9871718218 E-mail: jaideep@cbip.org
Central Board of Irrigation & Power
Malcha Marg, Chanakyapuri, New Delhi -110021
Phone: 011 26115984/26116567; E-mail: cbip@cbip.org

Key Speaker: Shri Biswanath Sahu, Ex Chief General Manager, NTPC Ltd

As Head of Khargone under his leadership Unit#1 got synchronized on 26/06/2019 and Unit #2 became ready for Boiler Light Up, Ash Dyke is ready for receiving ash slurry

- He was looking after total construction erection activities of 2X660 MW project at Khargone, in M.P. as General Manager (Projects) since Aug-2016 to 18/08/2018.
- He was looking after total construction, erection and commissioning activities of 2X500 MW and 2X660MW Units of Mouda from September 2014 to August 2016.
- In charge of Construction, Erection and commissioning of Super Thermal Power Projects at Mouda from September 2014 to July 2016.
- Have experience in construction to commissioning Greenfield Mega Thermal Power Projects with Units 210MW, 500 MW & 660MW.
- Worked in 132/400/765KV Switch yards.
- Worked in 132KV, 400KV &765 KV Transmissions Lines.
- Got the glory of construction to commissioning of Stage-I Simhadri Project in record time of 39 months.
- Associated in first 765KV Switchyard of India at Sipat (Bilaspur-Chattisgarh) from ground to commissioning with substation automation system.
- Qualified in Level-D certification from IPMA on project management.
- Taken GMPE course (Executive program on general management) at IIM Indore.
- Dealt issues related to land acquisition and ROW, ROU, RAP, R&R policy.
- Quality assurance and inspection of thermal power plant equipment and also field quality assurance aspects.
- Got good experience of dealing with CEA, Environment and pollution control board & other State and Central GOVT departments.