

*Workshop on*  
**Coal Characteristics, Blending, Mill  
Performance and Combustion**

**19<sup>th</sup> - 20<sup>th</sup> March 2020**

**CBIP Conference Hall  
Malcha Marg, Chanakyapuri, New Delhi**



*Organised by*



**Central Board of Irrigation & Power**

## **ABOUT CBIP**

The Central Board of Irrigation & Power (CBIP) has been serving the nation with great distinction as a premier institution for dissemination of knowledge and exchange of professional experiences in the field of Power Generation, Transmission and Distribution of Electricity, Renewable Energy besides various fields of Water Resources. The objective is achieved by the Board through various modes like organising Conferences, Workshops, Training Programmes and preparation of Manuals etc.

CBIP is conducting long term and short term training programs in the field of power generation, transmission and distribution including water resources at New Delhi and also at its CBIP Center of Excellence at Gurgoan.

Realizing the constraints being faced by the professionals in leaving their stations/headquarters for attending various training programs organized by CBIP, we have started conducting Door Step/ On Site training at project sites etc. with the aim to provide training and develop skills of various professionals of the organizations dealing in Power Sector as well as Renewable Energy Sector.

CBIP is organizing a Workshop on Coal Characteristics, Blending, Mill Performance and Combustion on 19-20 March, 2020 in the CBIP Conference Hall, Malcha Marg, New Delhi, with the aim to help the Indian Engineers to understand the combustion process and the impact of coal characterization on combustion including mill performance.

## **PROGRAM OVERVIEW**

Milling system performance has a vital role to play in efficient combustion process. It is also important for practicing power engineers to have a good understanding of the combustion process and the impact of coal characteristics on combustion. It is therefore important to precisely monitor milling system performance and take necessary corrective actions to ensure efficient running of the plant.

## **PROGRAM PROFILE**

- Combustion fundamentals, application – boiler perspective
- Combustion control, view point of boiler efficiency
- Blending of coal & its impact on combustion optimization.
- Coal characteristics and impact on mill performance
- Milling system - Bowl mill and tube mill basics and performance
- Milling system operation and maintenance practices and troubleshooting

## **PROGRAM OBJECTIVE**

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

- Analyze the impact of coal characteristics.
- Monitor milling system performance.
- Assess reasons for deviation in performance.
- Take necessary corrective actions at the O&M level.

## **METHODOLOGY**

The program would be delivered through classroom sessions, case studies, and interactive group discussions.

## **PRESENTATIONS BY EXPERTS**

The lead faculties for this program shall be Shri R.S. Yadava, Former General Manager (OS), NTPC and Dr. D. Banerjee, Former Addl. General Manager, NTPC.

## ABOUT FACULTY



Shri R.S. Yadava, Former General Manager (Operation Services), NTPC is a Mechanical Engineering Graduate from R.I.T Jamshedpur, Ranchi, Chartered Engineer of Institution of Engineers (India) and Level-D Certified Member of IPMA. He has 1 year experience of teaching in Kamla Nehru Institute of Science and Technology, Sultanpur and about 35 years of professional working experience in various thermal power stations of NTPC in various positions including 4 years in Renusagar Power Company Ltd.



Dr. Debdas Banerjee, Former Addl. General Manager, Centre for Power Efficiency & Environmental Protection, NTPC Ltd. is Ph.D from IIT Bombay and has about 36 years of experience in various fields, out of which he has about 26 years experience in R&D and CENPEEP, NTPC. He has mainly worked in Boiler Performance & gap analysis through off-line monitoring of process parameters, Performance assessment of Air Heater, Mill, ESP & their computations, Combustion optimization in power plant, optimization of Coal blending in Power Station, Assessment of combustion reactivity of Non-Coking coal. Presently he is faculty for training programmes of Power Management Institute of NTPC and also guest faculty of IIT Dhanbad & NPTI.

## WHO MAY ATTEND

Executives working in Operation, Maintenance, Design, Erection and Efficiency divisions of thermal power stations.

## DATE AND VENUE

The workshop will be held on 19-20 March, 2020 (Thursday & Friday) in the Conference Hall, CBIP, Malcha Marg, Chanakyapuri, New Delhi-110021.

## REGISTRATION FEES

The perspective participants, desirous of attending the Workshop may register themselves by sending the details to CBIP along with necessary payments.

The registration fee for attending the Workshop is given below:

- (i) Rs. 12,000/- per participant.
- (ii) Discounted Fees of Rs. 10,000/- per participant for members of CBIP

**GST @ 18% shall be charged extra GST No. 07AAAJC0237F1ZU**

Registration fee shall cover the registration kit, and Tea/ coffee / lunch during the Workshop. Participants will have to make their own arrangement for travel, boarding and lodging, etc. All payments 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 HDFC Bank,

Address: 209-214, Kailash Building, 26, Kasturba Gandhi Marg, New Delhi 110001

Saving Bank Account No. : 00031110004411      Swift Code: HDFCINBBDEL

IFSC: HDFC 0000003      MICR Code: 110240001

## CONTACT PERSON AT CBIP

**Shri Mahesh Kumar**, *Advisor*

Central Board of Irrigation & Power

Malcha Marg, Chanakyapuri, New Delhi-110021

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*Workshop on*

# Coal Characteristics, Blending, Mill Performance and Combustion

19<sup>th</sup> - 20<sup>th</sup> March 2020

## REGISTRATION FORM

(To be filled in block letters preferably)

Delegate \_\_\_\_\_  
(Surname) (First Name)

Designation \_\_\_\_\_

Name of Organisation \_\_\_\_\_

Mailing Address \_\_\_\_\_

City \_\_\_\_\_

State \_\_\_\_\_ PIN \_\_\_\_\_

Phone \_\_\_\_\_ Fax \_\_\_\_\_

E-mail \_\_\_\_\_

Dated \_\_\_\_\_ Signature \_\_\_\_\_

Registration Form, duly filled in, is to be mailed to the following address:

**Shri V.K. Kanjlia**

*Secretary*, Central Board of Irrigation and Power, Malcha Marg, Chanakyapuri, New Delhi 110 021, India

Tel : 91-11-26115984/26116567 Fax: 91-11-26116347

Email : mahesh@cbip.org M: 9871997542; Web-site: <http://www.cbip.org>

**Note:**

- Photocopies of the registration form can be used for additional requirements, if any.
- Spot registration facilities will also be available, provided the prior information is received.