



Engineering Staff College of India

Autonomous Organ of The Institution of Engineers (India)

Old Bombay Road, Gachi Bowli, Hyderabad – 500 032. TS, India



POWER & ENERGY DIVISION

Continuing Professional Development Programme on **Imported Coal Blending and Coal Firing Optimisation**

18 – 20 March, 2019



(An ISO 9001:2015 Certified, AICTE & CEA Recognized Institution)

Centre for Promotion of Professional Excellence

INTRODUCTION

Coal continues to be the major source of energy for power generation. Nearly 60% of power generation capacity in India comes from coal. While the power generation capacity got trebled during the last three plan-periods, the domestic production of coal stagnated which resulted in significant supply-demand gap in indigenous coal supplies. Inability of indigenous coal mines in the country to meet the coal requirements is forcing to go for coal imports. This necessitated use of blended coal in power stations where indigenous coal & imported coal are blended and fired in the boilers. Since the coal qualities of indigenous and imported sources are much different, blending of such coals can have adverse impact on boiler performance. Compatibility of coals used for blending needs to be ensured to avoid problems in boiler operation. This program takes the participants through impacts of coal characteristics, various methods of coal-blending, optimization of coal firing, infrastructure required, and operational experience of coal blending in power stations.

OBJECTIVE

To sensitize the participants regarding issues of coal blending in thermal power stations include and optimization of coal firing.

COURSE COVERAGE

- Importance coal blending
- Coal Blending Methodologies like Blending of beds in yards & through reclaimers etc.
- Infrastructure requirements
- Experiment with blending coal
- Impact of coal characteristics in boiler design etc. for coal blending
- Effect of ash analysis on coal blending
- Operational expenses in coal blending methods

METHODOLOGY

The programme will be conducted in an interactive environment providing greater scope for discussions. Emphasis will be on a highly participative style of learning. The classrooms are provided with latest audio – visual teaching aids. The ambience in the campus and classrooms facilitate in effective learning by participants.

FACULTY

Apart from Core Internal Faculty, Consulting Firms, Reputed Manufacturing Organisations, Government Academic and Research Institutions etc. will share the sessions.

TARGET PARTICIPANTS

Operation and Maintenance Engineers/Supervisors, Executives of Thermal Power Stations run by NTPC, State Electricity Boards, State Power Generation Corporations, Private Power Companies, Industries with capture power plants etc.

PROGRAMME VENUE, DATES & TIMINGS

Engineering Staff College of India (ESCI) Campus, Old Bombay Road, Gachi Bowli, Hyderabad - 500032, Telangana, India.

DATES

18 – 20 March, 2019

TIMINGS

On the first day registration will commence at 0900 Hrs. On all other days the programme timings will be from 0945 to 1715 hrs with breaks in between for tea and lunch.

COURSE DIRECTOR

A Chandra Mohana Rao

Head & Sr. Faculty - Power & Energy Division, ESCI

COURSE FEE

Residential Fee is Rs.15,000/- per participant. Fee includes Course Material, Course Kit, and Twin-sharing / Single AC accommodation as per availability, Breakfast, Lunch, Dinner, Tea / Coffee and Snacks.

DISCOUNTS

Non-Residential Fee: 10% discount on course fee is allowed for non-residential participants.

Group Discount: 10% discount for three or more participants if sponsored by the same organization.

(All discounts are applicable only if fee is received at ESCI a week before the commencement of the programme).

GST @18% (as applicable) is to be paid extra over and above the training fee. ESCI's Provisional ID No. 36AAATT3439Q1ZV, PAN Card No. AAATT3439Q.

The course fee is to be paid in favour of "**IE (I) – ENGINEERING STAFF COLLEGE OF INDIA**" in the form of demand draft payable at Hyderabad at par cheques payable at any Bank Branches.

Alternatively the payment may be made by **Electronic Fund Transfer (EFT) to ESCI – SB A/c No. 33705165550** with The SBI, Manikonda Branch, Gachi Bowli, Hyderabad – 500 032 by **NEFT / RTGS / IFSC Code No: SBIN0011076 – MICR No: 500002107**. While using EFT method of payment, please ensure to communicate us your company name, ESCI invoice reference and programme title.

Online registration is available on ESCI website. To register, manually please send your nominations (**10 days** prior to date of commencement of the programme) giving details of name, designation, contact address, email address, mobile number, telephone and fax number of the participant along with the details of mode of payment of fee, addressed to:

Head, Power & Energy Division

Engineering Staff College of India

Gachi Bowli, Hyderabad – 500 032

Phone: 040 – 6630 4170 to 4177; 040-6630 4100, Fax: 040 – 23000336, 66304103

Email:pe.esci@gmail.com / pe@escihyd.org; Website: www.escihyd.org

CERTIFICATE: A certificate of participation will be awarded to each participant on conclusion of the programme.

GENERAL INSTRUCTIONS

- ESCI encourages participants to present case studies from their respective organizations.
- For the convenience of the outstation participants ESCI will facilitate pickup and drop from Airport / Railway Station / Bus Stations, if travel plans are received at least 3 days in advance along with mobile number by fax or email. The charges shall be paid by the participants directly to the cab driver.
- ESCI provides complimentary accommodation to participants a day prior to the commencement and after the conclusion of the programme. (Check in at 12:00 hrs a day prior to the commencement & check out at 12:00 hrs a day after completion of the programme)
- Overstay charges of @ Rs.990/- per day / per head including hospitality (Bed Tea / Coffee to Dinner) will be charged.
- Well developed Information Centre and Internet facilities are available to the participants free of cost.