



INDIAN INSTITUTE OF TECHNOLOGY DELHI
(Short Course)
Flyash Management for Thermal Power Plants



Organized by:
Industrial Tribology, Machine Dynamics and Maintenance
Engineering Centre (ITMMEC), IIT Delhi, New Delhi-110016

May 22nd – 24th, 2018

Coordinated by:
Prof. V. K. Agarwal, ITMMEC

About IIT Delhi

IIT Delhi is one of the premier institutions in India created as centers of excellence for training, research and development in science, engineering and technology in India. HRH Prince Philip, the Duke of Edinburgh, laid the foundation stone of the Institute on January 27, 1959. Established as College of Engineering in 1961, the institute was later declared as an Institution of National Importance and renamed "**Indian Institute of Technology Delhi**" in 1963. The Institute has made a notable mark in higher technical education and research. The Institute celebrated its Golden Jubilee Year during 2010-2011. **Globally, as per the QS University Ranking 2018, IIT Delhi stands 64th in the list of Engineering and Technology discipline.**



IIT Delhi is situated at Hauz Khas in South Delhi. Well connected to the major city centers by open and wide roads, the Institute campus is about 19 km away from the Delhi Main Railway Station, 14 km from the New Delhi Railway Station, 21 km from the Inter-State Bus Terminal and 10 km from Terminal 1 of Delhi Airport.

Course Objective

The objective is to provide knowledge about various aspects of flyash management for the thermal power plants. The power plants in the country generate close to 170 million tons flyash every year. This poses a great challenge to the power plant engineers and managers to ensure its utilization and safe disposal. The course will cover various aspects of flyash handling, transportation, utilization and safe disposal.

Course Content

- ❖ Pneumatic conveying technology for dry flyash conveying.
- ❖ Slurry transportation of flyash including high concentration slurry.
- ❖ Geotechnical properties of coal ash.
- ❖ Ash pond and mounds design and management.
- ❖ Utilization of flyash in building materials.
- ❖ Flyash in concrete.

Course Module

The course will consist of lectures by IIT Delhi faculty members and guest speakers from industry or academia.

Participants will visit the laboratory facilities which would cover the pneumatic conveying pilot plants used for design of dry flyash conveying systems, slurry conveying pilot plant to generate design data for high concentration slurry transportation and building materials laboratory for application to the construction industry.

Course Faculty

The following speakers will deliver the lectures during the course:

1. Prof. S. N. Singh, Department of Applied Mechanics, IIT Delhi
2. Prof. Manoj Datta, Civil Engineering Department, IIT Delhi
3. Prof. B. Bhattacharjee, Civil Engineering Department, IIT Delhi
4. Prof. V.K.Agarwal, ITMMEC, IIT Delhi

Course Details – Dates, Venue and Fee

The course will be held at **IIT Delhi Campus** from **22nd – 24th May 2018**.

The course fee for the Industry Participants will be **Rs. 21,240/- (18,000/ + GST @ 18%) per Participant**. The course fee includes course material, exhaustive lecture notes, Tea / Coffee and Lunch. Please note that the Participants will have to make their own arrangement for lodging.

How to Apply

The prospective participant should submit their Complete details i.e. Name, Complete postal address, telephone, Mobile number, highest education qualification, name of the organization etc. and send via mail to flyashgmt.iitd@gmail.com on or before **10th May 2018**.

The print of the mail along with the Demand Draft / Online Fees receipt is also required to be sent to the address for communication mentioned below. Confirmed delegates will be informed via e-mail. **Please note that the registration of the candidate will only be confirmed after the receipt of the COURSE FEE. IIT Delhi is exempted from TDS. Hence full fee should be remitted without deduction of any tax/TDS on the fee.**

The prospective participants can submit their fee as mentioned below:

- ❖ The Demand Draft for the course fee of **Rs. 21,240/- (18,000+ GST @ 18%)** should be in favor of **"IITD CEP ACCOUNT"** and payable on any scheduled bank at New Delhi.
- ❖ For online transfer / NEFT / RTGS of fee of **Rs. 21,240/-** details for the bank are:

1. **Beneficiary's Name** : IITD CEP ACCOUNT
2. **Beneficiary's Bank Account No** : 36819334799
3. **Beneficiary Address** : IIT-Delhi, QIP-CEP Office, Ist floor, Wing – B, Vishwakarma Bhawan, Hauz khas, New Delhi – 110016.
4. **Bank & Branch Name** : State Bank of India, IIT Delhi.
5. **Bank's Address** : Indian Institute of Technology Delhi, Hauz Khas, New Delhi-110 016.
6. **Type of Account** : Savings.
7. **IFSC Code** : SBIN0001077
8. **MICR Code** : 110002156
9. **Swift Code** : SBININBB547
10. **PAN NO.** : AAATI0393L
11. **Contact No.** : 011-26591343, 7118 FAX: 011-26581069

Important Dates

The last date for the receipt of duly filled application form is **10th May 2018**.

Course Management

Prof V. K. Agarwal (Course Coordinator) ITMMEC, Indian Institute of Technology Delhi, Hauz Khas, New Delhi – 110016 Phone: 011 – 26591278, Mobile: 9810204943 Email: agarwal_vijay@hotmail.com vagarwal@itmmecc.iitd.ac.in	Address for Application Submission: Mr. Ashwani – Project Officer QIP/CEP Office, First Floor, Wing – B, VishwaKarma Bhawan, Department of Management Studies, IIT Delhi, Hauz Khas, New Delhi – 110016 Phone: 011 – 26591343, Mobile: 7678266203 Email: flyashgmt.iitd@gmail.com
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