

**WORKSHOP
ON
“PARTIAL REPLACEMENT OF SAND
WITH BOTTOM ASH”**

**VENUE
“SANHITA PROJECT”**

**SIMOCO SYSTEMS & INFRASTRUCTURE SOLUTIONS
LIMITED**

**Satuli Mouza, P.O - Pitha Pukar, P.S - Kashipur,
Bhangore II Block, Dist - 24 Parganas (South).**

**ON
7TH APRIL 2018**



ORGANISED BY:



COAL ASH INSTITUTE OF INDIA

Gr Flr, 466, S.K.B Sarani, Sethbagan, Dum Dum, Kolkata - 700030.

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PREAMBLE

In all countries and regions the power plants are increasingly operating in a more competitive climate and in a world, short of mineral resources, coal continues to be the fuel of choice and correspondingly byproducts from coal combustion are increasing. This, as we all know, is more pertinent to India, where there is an overwhelming dependence on high-ash coal for power generation.

According to the latest report of the Central Electricity Authority, between April and September 2015, 132 thermal power plants (TPPs) of 58 Utility Companies having an installed capacity of 130428 MW consumed 251.69 million tonnes of coal with an average ash content of 33.23%. This led to generation of 83.64 million tonnes of coal ash, out of which only 46.87 million tonnes (or 56.04%) was gainfully utilised.

If we have to bridge the gap between the generation and utilization of coal ash - a task which is imperative from the environmental management perspective - we have to focus on the more effective use of the bottom ash that constitutes tentatively 20% of the total coal ash generated, the balance 80% being the more widely known component fly ash. The extensively prevalent practice of wet extraction of the bottom ash obviously comes in the way of achieving its properties that are required for its gainful use.

To organise awareness programme on the subject this one day workshop has been organised by Coal Ash Institute of India and the keynote address will be delivered by Mr. RN Pranesh Abhaya Associates, Consulting Civil and Structural Engineers, 31 "Abhaya" Krishnappa Layout Sanjayanagar Bangalore. and Prof. Arun Kumar Chakraborty from Indian Institute of Engineering Science and Technology (IEST), Shibpur, Howrah.

ABOUT COAL ASH INSTITUTE OF INDIA

It is not-for-profit professional society registered in West Bengal in 1994 for promoting gainful but eco-friendly application, disposal and overall management strategies for coal combustion products and emissions.

Over the last two decades, apart from the three Asia Pacific Conclaves, the Institute has organized many other important seminars such as Sino-Indian Initiatives for coal ash management, National Seminar on use of fly ash in agriculture, etc. and also organized expert lectures, extended consulting services to various field problems and published monographs on selected themes.

PROGRAMME SCHEDULE

Registration :	10.00 am - 10:30 am
Introductory Speech :	
Mr. D.R. Sengupta	10:30 am - 10:45 am
Keynote Address :	
Prof. Arun Kumar Chakraborty	10:45 am - 11:15 am
Tea Break	11:15 am - 11:30 am
Theoretical Presentation By:	
Mr. RN Pranesh	11:30 am - 12:30 pm
Lunch Break	12:30 pm - 1:30 pm
Practical Demonstration on	
Preparation of concrete using bottom	
ash as replacement of sand	1:30 pm - 4:00 pm
Vote of Thanks :	
Dr. S.K. Banerjee.	

GOVERNING BODY OF COAL ASH INSTITUTE OF INDIA

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Smt Madhuri Bhattacharya	Assistant Editor	

PARTICIPATION DETAILS:

Registration fees: :Rs. 1000.00

Sponsorship:

The details regarding various categories of sponsorships are given below:

GOLD Sponsorship : Rs. 20,000.00

SILVER Sponsorship : Rs. 10,000.00

BRONZE Sponsorship : Rs. 5,000.00

Payments:

All payments to be made by A/C Payee cheque / DD on Kolkata favouring "COAL ASH INSTITUTE OF INDIA "

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