ESTD.1994,REGD NO.S/78004

Coal Ash Institute of India

Visit as at:www.coalashinstitute.com

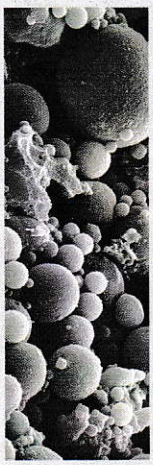
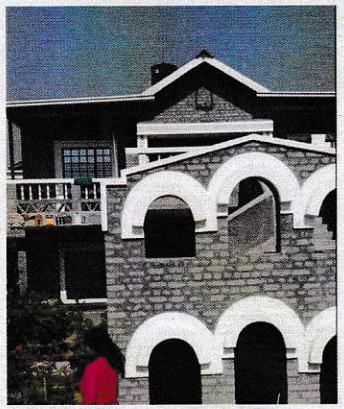
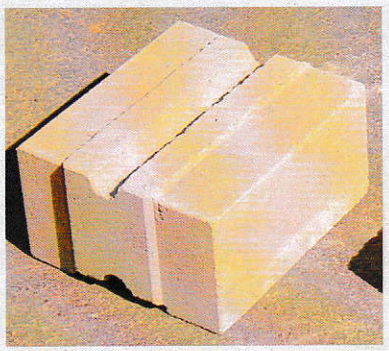
BIRTH OF THE INSTITUTE

According to the statistics of Central Electricity Authority (CEA), Government of India, the installed capacity of coal-fired thermal power generation is 187, 253 MW as on 30th September, 2016, which is 61 percent of the total power generation capacity of 306,358 MW in India. Further, according to the plans laid down by the Government of India, the installed capacity of coal-based thermal power is likely to increase by about 70,000 MW by 2022.

Therefore, it is no wonder that there is generation of about 200 million tonnes of coal ash per annum at present(2015-16). As a process by-product, its quantity will continue to increase as the generating capacity of coal and lignite based power will increase. The environment and waste recycling problems that are unavoidable from such a huge generation of coal ash now and in future were foreseen by the experts in the field of power generation in the state of West Bengal in the early nineteen nineties, when they conceived of a professional platform that could be devoted to promoting eco-friendly, gainful use and management of coal ash. Thereafter, in September 1994, the Coal Ash Institute of India was finally born.

PRIMARY OBJECTS OF THE SOCIETY

- To acquire, establish, start, aid, run, maintain or manage schools, colleges, libraries etc. for the benefit of the public from the institutional perspective.
- To arrange and organise lectures, debates, discussions, seminars, excursions, quiz and other awareness programmes and also to undertake study-based research projects.
- To publish or cause to be published, priced or otherwise, useful literature, papers, magazines, books, monographs, models etc.
- To promote and encourage advancement of literary, cultural, scientific and technical education of relevance.
- To help, if situation and funds permit, the needy students of all communities in the study of environment science and management.
- To do all such acts, deeds and other matters related to the activities of the Institute and to involve in production, utilization and disposal of ash generated by power plants, irrespective of the fuel being used.

PAST INTERACTIVE SESSIONS

1. Coal Ash – Problems & prospects (1995)
2. Use of Coal Ash in construction of rail embankments – Prospects & Constraints (August 1995)
3. Coal ash Bricks – Prospects & Constraints (September 1995 jointly with IE(T) and WBSC)
4. Coal ash utilization – problem and approaches to commercialisation (November 1995 jointly with IE(T), WBSC & BTS)
5. Use of coal ash in stowing of coal mines – prospects & constraints (February 1996)
6. Coal ash in process industries (June 1996)
7. Commercial production of coal ash bricks
8. Plants & machinery for ash clay brick plant (August 1997 jointly with a Chinese company)
9. Entrepreneurs' Meet on ash clay brick production (September 1997 jointly with CGCRI)
10. Coal ash and its use in agriculture & forestry (September 1998 jointly with FOSET)
11. Coal ash and Environment
12. MOEF Notification regarding use of coal ash in brickfields (September 1999)
13. Prospects and constraints in the use of coal ash as a fill material for the development of township at Rajarhat (February 2000)
14. Use of coal ash in manufacture of PPC and asbestos cement products (April 2000)
15. Disposal of coal ash in thermal power stations and its future (December 2000 jointly with IE(T), WBSC)
16. Coal ash utilization in Indian Cement & Concrete Industries (February 2001 jointly with IE(T), WBSC)
17. Status & prospects of Chemically Bonded Ash Bricks (May 2001)
18. Coal Ash – Issues & Prospects (September 2001 jointly with IIChE)
19. Use of coal ash in construction of embankment for railways and highways (June 2002)
20. Use of coal ash in high performance & high volume fly ash concrete (November 2002 jointly with IIChE)
21. Ash Clay burnt Bricks & MOEF Notification on use of coal ash (April 2003)
22. Contamination of soil and groundwater by trace elements from coal ash (August 2003)
23. Application of coal ash in value added products (January 2004)
24. Fly Ash in construction (April 2004)

KNOWLEDGE DISSEMINATION ACTIVITIES
NATIONAL & INTERNATIONAL SEMINARS & SYMPOSIA

- Decennial Anniversary Exhibition & Symposium on Fly Ash as an Emerging Industrial Material, Taj Bengal, Kolkata 19 – 21 April 2005.
- Asia Pacific Conclave on Coal Combustion Products – Technology and Management, Taj Bengal, Kolkata 23 – 25 February, 2007.
- National Conference on the Use of Fly Ash in Agriculture & Forestry, Central Glass & Ceramic Research Institute, Kolkata 6 –7 August, 2009.
- Sino-Indian Initiative for Sustainable Management of Coal Ash (Official Partner : China Association of Resource Comprehensive Utilization (CARCU), Science City, Kolkata, 27 – 29 January 2010
- Annual Conference on Application of Coal Ash on Agriculture and Forestry (in collaboration with WBPCB), Paribesh Bhavan, Salt Lake, Kolkata, 30 March, 2011.
- International Conference on Utilization of Fly Ash – Exploring New Frontiers (in collaboration with WBPCB, Government College of Engineering & Ceramic Technology and Indian Institute of Ceramics), Paribesh Bhavan, Salt Lake, Kolkata, 11 – 12 January 2013.
- Asia-Pacific Conclave on Fly Ash Based Geopolymer Binders, Concretes and other Building Materials (in collaboration with West Bengal Pollution Control Board and Indian Concrete Institute), Hotel Hyatt Regency, Salt Lake, Kolkata 16–18 December 2013

MEMBERSHIP
Institutional Members

- Ambuja Eastern Cement Ltd
- Andhra Pradesh Power Generation Corporation Ltd
- Damodar Valley Corporation
- Maharashtra State Power Generation Corporation Ltd.
- Hindalco Industries Ltd
- Karnataka Power Corporation Ltd.
- Madhya Pradesh State Power Generating Co. Ltd
- NTPC Ltd.
- Neyveli Lignite Corporation
- Tamilnadu Generation and Distribution Corporation Ltd
- Torrent Power AEC Ltd
- Madras Cements Ltd
- West Bengal Power Development Corpn. Ltd
- American Coal Ash Institution, Virginia,USA
- Centre for Ecological Disposal and Utilisation of Industrial waste, Russia

Individual Members : 326

GOVERNING BODY OF THE INSTITUTE

Name	Designation	Occupation
Dr. A K Chatterjee	President Emeritus	Chairman, Conmat Technologies
Shri Dilip Kumar Sett	President	Project Consultant
Shri S N Laha	Vice President	Ceramic Technologist
Shri S Guha Roy	Vice President	Consultant- Ash Handling Systems
Shri Shyamal Roy	Vice President	Former Senior Executive, WBPDCL
Shri Debashish Bhattacharya	Secretary	Consultant Engineer – Fly Ash Bricks & Blocks
Shri Benimadhab Kumar	Treasurer	MD, Benimadhab Constructiion Pvt Ltd
Shri Goutam Dasgupta	Joint Secretary	GM, Ash Handling, CESC Ltd
Shri Mainak Ghoshal	Joint Secretary	Professor of Civil Engineering
Dr. Swapan Kumar Das	Editor-Publication	Ex Director, CSIR-CGCRI, Kolkata

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