

About the college

Government College of Engg. & Ceramic Technology, is situated at the heart of the city of joy, Kolkata. It is one of the Oldest Institute in India for the study of Ceramic Technology. It was established in April, 1941 as Bengal Ceramic Institute with the purpose to provide training to workmen from the ceramic industries. Subsequently, the institute was converted to a Diploma Institute first, then it became Degree College & now it is a Post Graduate Institute. It was transformed into Multi Discipline College in 2000 with the introduction of Information Technology followed by introduction of Computer Science & Engg. in 2001. From the year 2012, College has become an Autonomous Engineering Institute.

Location

The Institute is well connected to major Railway Stations, such as Sealdah (2.5 kms.), Kolkata (7 Kms.) and Howrah(8 kms.) and hardly 12 kms. away from Netaji Subhas International Airport, Dumdum.

About the Workshop

The earliest ceramics made by humans were potteries that were made from clay, either by itself or mixed with other materials, hardened in fire. Later the ceramics were glazed and fired to create a colored, smooth surface. Ceramics now are prevalent among domestic, industrial and building materials and it has a wide range of art ware. In the 20th century, new ceramic materials were developed for use in advanced applications of engineering materials.

Whiteware is a broad class of ceramic products that are white to off-white in appearance and frequently contain a significant vitreous, or glassy, component. It includes products like; mainly dinnerware, Bone China, Electrical Insulators, Ceramic Tiles, Sanitary wares, Chemical wares, Spark-Plug Insulators, Dental Implants etc. It exhibits typical properties like: imperviousness to fluids, low electrical conductivity, chemical inertness, and an ability to be formed into complex shapes. These properties are determined by the mixture of raw materials chosen for the products, as well as by the forming and firing processes employed in their manufacture.

Among the Ceramic products, manufacture of whiteware products is most difficult one and consists of number of steps for realization of products. Among the various steps of production, firing is the most critical one as body contents considerable amount of silica.

Over the years, technology of whiteware manufacturing has undergone a paradigm change with the development of new and new technologies.

Objective of the Workshop

Objective of the workshop is to disseminate knowledge and experience of latest technologies followed in manufacturing of various whiteware products to quality control process followed and researches on future development, mostly among the students, faculties and researchers in the field of whitewares.

Organising Commttee

- » Prof.(Dr.) Saikat Maitra, Officer-in- charge, Govt. College of Engg. & Ceramic Technology – **Chairman**
- » Prof. R. C. Das, Assoc. Professor – **Secretary**
- » Dr. T. K. Bhattacharya, Asst. Professor – **Joint Secretary.**
- » Dr. Rituparna Sen – Assoc. Professor – **Member**
- » Prof. P. Guha, Assoc. Professor – **Member**
- » Dr. Srimantra Kr. Patra – Assoc. Professor & Head (Ceramic Tech.) – **Member.**
- » Dr. Kaberi Das – Asst. Professor- **Member**
- » Dr. Gora Ghosh, retd. Sr. Principal Scientist, CIMFR- Convener.
- » Dr. K. Dutta, Asst. Prof.&HOD, CS&E-Member
- » Dr. Mousumi Maitra, Assoc. Prof-Member
- » Prof. Paramita Dey, Asst. Prof. & HOD-IT-Member
- » Dr. S. Ray, Assoc. prof. & HOD-Humanities & Basic Sciences-Member
- » Prof. R. Ray, Assoc. Prof.-Member
- » Dr. Saibal Roy, Assoc. Prof.-Member.
- » Prof. D. Khan- Assoc. Prof.-Member
- » Dr. Debdulal Maity-Asst. prof.-Member
- » Mr. J. Choudhury-Registrar
- » Mr. Avijit Ghosh-Accounts Officer
- » Mr. Sujan Mukherjee, PA to O-I-C.

Honorable Speakers

- Mr. Anil C. Lodha, ED, Allied Ceramics(p) Ltd.
- Mr. Asish Banerjee, Sr. Manager-Tech. & Prod. Dev./Mr. Muralidharan-Sr. Executive-Operations(Allied Ceramics Pvt. Ltd.)
- Dr. T. K. Mukherjee, Chief Scientist, Advanced Clay & Traditional Ceramics Div., CGCRI, Kolkata.
- Mr. Prasanta Ash, General Manager (R&D), Aditya Birla Insulators.
- Dr. S. D. Majumdar, Vice President, IFGL Refractories.
- Prof. R. C. Das, Assoc. Professor, GCECT, Kolkata

Advisors

1. Dr. S. Dasgupta, Director of Technical Education, Govt. of West Bengal
2. Mr. Samir Ghosh-Director of Allied Ceramics(P) Ltd.
3. Prof. Binay Kr. Dutta, Chairman, WBPCB
4. Dr. S. K. Banerjee, Director-ITEM
5. Mr. Anil Kabiraj, President, Ind. Inst. of Ceramics.

6. Prof. T. K. Parya, Professor, Dept.of Chemical Tech, Univ. College of Science & Tech, Cal. Univ.

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UGC Sponsored National Workshop
on

“Whitewares – Manufacturing, Quality Control and its Future Trends”

August 24 (Plant visit on 26-08-2013)

REGISTRATION FORM

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Mobile.....

E-mail.....

Applicant’s Signature.....

Date.....

Contact Details:

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2. Prof. R. C. Das, *Asso. Professor (Ceramic Technology)* – Secretary, Mb.9883156865, E-

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On

“Whitewares – Manufacturing, Quality Control and its Future Trends”

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Organised by

Department Of Ceramic Technology
Govt. College of Engineering and Ceramic Technology (An Autonomous College under WBUT)

In

Association with Indian Institute of Ceramics
Kolkata





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