

National Seminar  
on  
**FUTURE OF  
INDUSTRIAL CERAMICS**  
Ushering in Sustainable  
Growth in Coming  
Decades



*Focus on:*

**CERAMIC TILES, REFRACTORIES AND OTHER TRADITIONAL CERAMICS**

**|| 27 November 2021 ||**

(Online Seminar)

*Organized by*



**Indian Institute of Ceramics**

Care: CSIR-Central Glass & Ceramic Research Institute  
196 Raja S. C. Mullick Road, Jadavpur, Kolkata – 700 032 (India)

Phone: +91-33-2413 8879

E-mail: [iiceramkolkata@gmail.com](mailto:iiceramkolkata@gmail.com) Web: <http://www.iiceram.org>



*In association with*

**CSIR-Central Glass & Ceramic Research Institute**

196 Raja S. C. Mullick Road, Jadavpur, Kolkata – 700 032 (India)



## THE SEMINAR

Traditional Ceramics consisting of tiles, sanitary ware, crockery, refractories etc. is trending in India. India is the second largest producer, third largest consumer and second largest exporter of ceramic tiles after China. Indian tile manufactures are cementing their position in the global export market and their presence in different countries is increasing. On the domestic front, rapid urbanisation projects coupled with increased spending on infrastructure development fuel the consistent growth of ceramic tiles and sanitary ware industries. This growth story of Indian ceramic sector is envisaged to continue in future also. On the other hand, demands for ceramic tiles and sanitary wares with added functionalities add more scope to these sectors. Several government initiatives will increase the steel consumption in our country, which has a positive impact on the refractory industries. In this scenario, The Indian Institute of Ceramics in association with CSIR-CGCRI will organise an online seminar to share the experiences, opportunities and the challenges of the Indian ceramic industries in the coming days. The experts from different fields of ceramics will deliver lectures in this technical seminar.

## ORGANISERS

### Indian Institute of Ceramics

The Institute was founded in the year 1973, initially to train manpower in Ceramics, for service to the industry. The aim is to promote the study and practice of Ceramic Science, Technology and Engineering, to extend knowledge in Ceramics, to issue certificates by conducting examination as per prescribed syllabus. Majority of students come from industry, so that after qualifying the course they can provide better service to the industry as well as to enhance their better career prospect. The course till recently is government recognized to be equivalent to Ceramic Degree. Many students passed out from this Institute pursued for higher studies from premium Institution and contribute in educational field.

### CSIR-Central Glass & Ceramic Research Institute

CSIR-Central Glass & Ceramic Research Institute (CSIR-CGCRI), a constituent laboratory of the Council of Scientific and Industrial Research (CSIR) was established in 1950 at Kolkata. The institute is engaged in research and development in the field of ceramics and glass. With the advent of time, the institute aligned itself to cater the needs of the nation and the international development in the field of glass and ceramic science and technology. The Institute has been serving various sectors in the country including strategic, societal and the general industries. It has one of the best facilities in the country for the processing of ceramics and glass materials and characterizing them. International collaboration with important R&D institutes of a large number of countries gives an opportunity to the Institute to keep itself abreast with the latest developments in the key areas, which it is pursuing.

## PATRON

Dr (Mrs) Suman Kumari Mishra, Director, CSIR-CGCRI

## ORGANISING COMMITTEE

Dr Arup Ghosh (Chairman)  
Mr Sudipta Saha (Co-chairman)  
Dr Goutam Bhattacharya  
Prof. Dibakar Das  
Dr Kausik Dana  
Mr Somnath Sinhamahapatra (Organising Secretary)

Dr H. S. Tripathi (Co-chairman)  
Dr Prasanta Kumar Sinha  
Prof. Rituporno Sen  
Dr Debashis Bandyopadhyay  
Ms Paromita Das

## REGISTRATION

Registration is free. Please send your details (Name & Affiliation) to the Organising Secretary to get the link in advance.

## CONTACTS

Mr Somnath Sinhamahapatra (Organising Secretary)

**CSIR-Central Glass & Ceramic Research Institute**

196, Raja S. C. Mullick Road, Kolkata-700032

Email: iiceramkolkata@gmail.com; somnaths@cgcri.res.in

**National Seminar on**  
**FUTURE OF INDUSTRIAL CERAMICS**  
**Ushering in Sustainable Growth in Coming Decades**  
 27 November 2021 [Click to Join](#)



Jointly Organized by  
**Indian Institute of Ceramics**  
 &  
**CSIR-Central Glass & Ceramic Research Institute**



**PROGRAMME**

10:00 - 10:45 a.m.	Inauguration
10:00 a.m.	Welcome address: Dr Arup Ghosh, Ex- Chief Scientist, CSIR-CGCRI & Chairman, Organising Committee
10:10 a.m.	Address by Dr Suman Kumari Mishra, Director, CSIR-CGCRI
10:20 a.m.	Address by Dr H. S. Tripathi, Sr. Principal Scientist, CSIR-CGCRI & President, Indian Institute of Ceramics
10:30 a.m.	Address by Mr Sudipta Saha, President (Operations), Prism Johnson Limited and Vice President, Indian Institute of Ceramics
10:40 a.m.	Vote of Thanks by Mr Somnath Sinhamahapatra, Principal Scientist, CSIR-CGCRI and Secretary, Organising Committee
10:45 - 1:15 p.m.	Technical Session I
10:45–11:15 a.m	<b>Bulk Metallic Glass Coatings</b> <i>Dr Atanu Pal, Tata Steel Limited</i>
11:15–11:45 a.m	<b>Functional Tiles: Present &amp; Future</b> <i>Mr Sudipta Saha, Prism Johnson Limited</i>
11:45–12:15 p.m	<b>Evolving Trends in Monolithic Refractories Shaped by Sustainability</b> <i>Dr Goutam Bhattacharya, Imerys</i>
12:15–12:45 p.m	<b>Challenges in Refractory Industry &amp; Raw Materials</b> <i>Mr Biswajit Ghosh, TRL Krosaki Refractories Limited</i>
12:45–1:15 p.m	<b>Electroceramics: Current Trend and Future Perspective</b> <i>Prof. Dibabakar Das, University of Hyderabad</i>
2:15 - 5:15 p.m.	Technical Session II
2:15–2:45 p.m	<b>Developments in Synthetic Alumina Towards Sustainable Growth in Coming Decades</b> <i>Mr Shankha Chatterjee, ALMATIS Alumina Pvt. Ltd.</i>
2:45–3:15 p.m	<b>Current Trends of Technical Ceramics in India</b> <i>Mr Sabyasachi Roy, ANTS Ceramics Pvt. Ltd.</i>
3:15–3:45 p.m	<b>Energy Efficiency Practices in Ceramic Tiles Industry</b> <i>Mr Arghya Mukherjee, Prism Johnson Limited</i>
3:45–4:15 p.m	<b>Future of Indian Sanitary Ware Market and Manufacturing</b> <i>Mr T. K. Raha, HSIL Limited</i>
4:15–4:45 p.m	<b>Present Challenges Faced by Ceramic Tableware Manufacturers in India</b> <i>Mr Vikas Agarwal, Clay Craft India Pvt. Ltd.</i>
4:45–5:15 p.m	<b>Future of Porcelain Insulators</b> <i>Dr Mridula Biswas, Aditya Birla Insulators</i>
5:15 p.m	Concluding Remarks