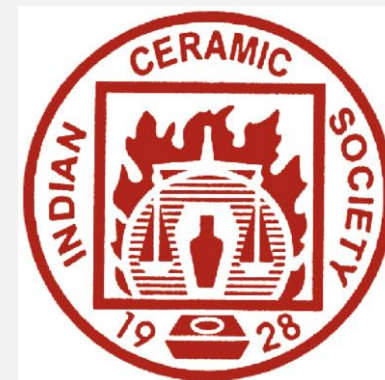




Inaugural Ceremony of GCC Chapter – Indian Ceramic Society

First International Chapter - 2022

Introduction of The Indian Ceramic Society

- Indian Ceramic Society (InCerS) is a non-profit organization that was established in 1928 with the blessings and active support of Pandit Madan Mohan Malaviya, along with the ardent efforts of a few dedicated leaders.
- Presently, it has more than 2000 members including foreign members, comprise a wide variety of individuals and interest groups that include scientists, engineers, researchers, manufacturers, plant personnel, educators, students, marketing and sales professionals, and others in related materials disciplines.
- The **InCerS** provides members and subscribers with access to periodicals and books, meetings and expositions, and technical information.
- With the passage of time the Society grew and slowly stretches its wings. Today there are 14 Chapters spreading across India and through these Chapters, the Society is achieving its set objectives to meet the growing demand of the day.

OBJECTIVE

The primary objective of InCerS is to promote the advancement of ceramic science, arts and technologies, by bringing into close contact those engaged in these pursuits, publishing scientific and technical books and journals, holding annual sessions, meetings, discussions, symposia and exhibitions on the subjects of interest.

What are InCerS Activities?

- The activities of InCerS include broadly an appraisal of the trend of ceramic industry and research.
- Analyzing the impact of the fast developing science and technology and business environment on the growth of indigenous ceramic industry.
- Emphasis is laid on fostering cordial and friendly relationship and co-operation among fellow members with a view to serving the interest of research and industry in a large way.

Inauguration



CHIEF GUESTS FOR THE INAUGURATION

MR. ABDALLA MASSAD – Group CEO RAK Ceramics

He has been in the ceramics industry for more than 25 years. He has been awarded the “Industrial CEO of the year 2015” by “the CEO Middle East Awards”. He also won “The Most Outstanding CEO” at the Global Business Excellence Awards and “Business Leader Award of the year” at the 2018 BOC Brilliance Awards.

DR. LALIT KUMAR SHARMA – President of InCerS

Dr. Sharma is the Former Chairman of the White ware Committee of the Bureau of Indian Standards, Former Vice President of the Indian Institute of Ceramics, Former Chairman of the Global Corporate Achievement Award Committee of The Am Ceram Soc. He has done many research and technical publications in scientific and engineering journals as well as published 7 books for the White ware industries.

Office Bearers of Indian Ceramic Society – GCC Chapter

Dr. Basavaraj S Patil – Chairperson

He leads the Tiles division as Chief Technical Officer at RAK Ceramics for UAE, RAK India, and RAK Bangladesh. Under his leadership, RAK Ceramics production facilities provide numerous SKUs with the help of enhanced technologies. He has been in the ceramics world for nearly 3 Decades.

Mr. Sateesh Kamat – Vice Chairperson

He is the Chief Technical Officer of Sanitary ware Operations at RAK Ceramics for UAE, India, and Bangladesh. He is in the ceramics world for nearly about 4 Decades, contributing by heading and overseeing all the operations for Sanitary ware.

Dr. Chandresh Agarwal – Honorary Secretary General

He has been in the ceramics industry for the past 25 years. He is the managing director for the Middle East and Africa at IMERYS. He brought up new Technologies and a lot of Innovations in the Ceramic Mineral field in India for the development of Import Substitution Raw Material & Process Improvement to support export quality Material Production.

Mr. Nageswara Rao Ranga – Treasurer

He is currently the Deputy General Manager for Tiles manufacturing in RAK Ceramics. He has contributed to the world of ceramics for more than 18+ years with a focus on improving the operations of all the plants.

Mr. Shivendra Kumar – Joint Secretary General

He is currently working as a commercial manager in IMERYS for the past 9 years, his contribution includes business development projects in the MENA region for various minerals such as Kaolin, Ball Clay and Feldspar to name a few.

Welcome of Chief Guests and Memento to Office Bearers of GCC



Address by Chief Guests and Office Bearers of GCC Chapter



MR. ABDALLA MASSAD
Group CEO RAK Ceramics



DR. LALIT KUMAR SHARMA
President of InCerS



Dr. Basavaraj S Patil
Chairperson



Mr. Sateesh Kamat
Vice Chairperson



Dr. Chandresh Agarwal
Honorary Secretary General



Mr. Shivendra Kumar
Joint Secretary General

Technical Presentation - I

Mr. Hein Winfried – Automation of Table ware and Sanitary Ware

Lippert GMBH is a Logistics Systems and Industrial Solutions company working on customization of the plant along with the entire product range. It also works on Conveying systems, Sorting systems, Shelf & Storage technology and Robot integration.

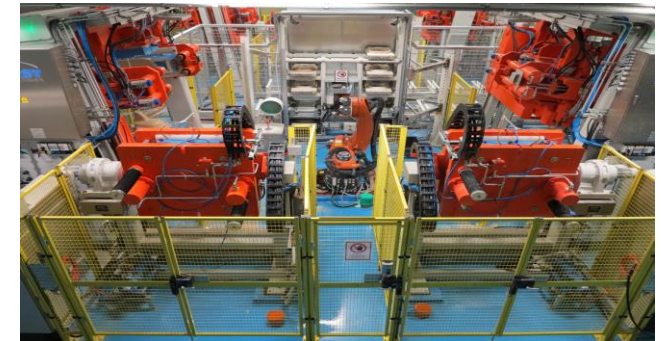
Why Automation?

Mr. Winfried take on the automation is that it would increase the productivity and quality. It improves the material flow and also reduces the scrap that will be generated by manual handling of processes.

The complete independence from manual intervention reduces the labor costs and also it is highly recommended for live monitoring of data.

There are few limitations as per the seminar, such as, decrease in the high product range variation with higher initial investment. Even though we reduce the manpower, we might need few skilled personnel to supervise.

He has presented the machinery and the lines involved in the automation process for both Table ware and Sanitary ware.



Technical Presentation - II

Dr. Lalit Kumar Sharma – Geopolymers

Chemical compound or mixture of compounds consisting of repeating units, such as silico-oxide ($-\text{Si-O-Si-O}-$), silico-aluminate ($-\text{Si-O-Al-O}-$), ferro-silico-aluminate ($-\text{Fe-O-Si-O-Al-O}-$) or alumino-phosphate ($-\text{Al-O-P-O}-$), created through a process of geopolymerization. Raw materials used in synthesis are silicon-based polymers are mainly rock-forming minerals of geological origin, hence it is called Geopolymer.

Application of Geopolymers

- Low-tech Building bricks
- Low-CO₂ cements and concretes
- Fire-resistant materials, thermal insulation & foams
- Low-energy ceramic tiles & thermal shock refractories

Benefits

- Cutting the world's carbon.
- Fire proof.
- Low permeability.
- Eco-friendly.
- Excellent properties in both acidic & salty conditions.



Certifying and Recognizing the Society Members



Networking of the GCC Chapter Society



REGISTRATION OF NEW MEMBERS



Networking of the GCC Chapter Society



INDIAN CERAMICS SOCIETY MEMBERS JOINED VIRTUALLY



Sponsors of the Event



It is a UAE-based private limited company that was founded in 2012, for the past 10 years they have been a major trading company for window glass manufacturing and wholesale along with installation services.



It is the only complete manufacturing supplier of the sector that offers complete ownership and responsibility for the results of its customers everywhere across the world. SITI B&T Group has more than 100 active patents, which is really commendable



RAK Ceramics is one of the largest ceramics brands in the world. Specializing in ceramic and gres porcelain wall and floor tiles, tableware, sanitary ware, and faucets. It is a publically listed company on the Abu Dhabi Securities Exchange in the United Arab Emirates and on the Dhaka Stock Exchange in Bangladesh and as a group, we have an annual turnover of approximately US\$1 billion



They cover all the ceramic industry fields, producing and marketing Frits, Glazes, and ceramic colors. They are also experts in the technical assistance, technological innovation, and design necessary for successful progress.



The Colorobbia Group operates worldwide and specializes in the study, production and distribution of raw materials and semi-finished products for the ceramics and glass industry. The solutions proposed by the Group's companies cover the entire production process of each sector of industrial ceramics



With its Head Office in Onda, Castellón (Spain), and a technology center in Fiorano Modenese (Italy), Vernís has been producing and marketing frits, glazes, colors and, later, inkjet printer inks for the ceramic industry since 1969. Now it is present in four continents, Vernís has been, practically from the outset, an export-oriented company