



## ONE-DAY NATIONAL SEMINAR

# “Ceramics: Education to Enterprise”

Date: 7th March 2026

Venue: Dept of CCT, PDA College of Engineering Kalburgi (Karnataka)

## 1. Prelims

A One-Day National Seminar on “*Ceramics: Education to Enterprise Opportunities*” was successfully organized by the Indian Ceramic Society Student Chapter of the Department of Ceramic and Cement Technology, PDA College of Engineering, Kalaburagi. The seminar was conducted in collaboration with The American Ceramic Society, Southwest India Chapter and Indian Ceramic Society, Karnataka Chapter.

Ceramic materials play a crucial role in shaping the modern world. From traditional applications such as cement, tiles, sanitary ware, cups, and saucers used in daily life, to highly advanced applications such as silica-based thermal tiles used in space vehicles, refractory bricks used in high-temperature furnaces of the steel industry, and electronic ceramics like capacitors, resistors, sensors, and piezoelectric materials used in mobile phones and laptops—ceramics are indispensable. In today’s rapidly advancing technological environment, ceramic materials are becoming increasingly important in fields such as energy storage, biomedical engineering, aerospace, electronics, and environmental sustainability. Therefore, the demand for skilled ceramic engineers is continuously increasing.

The seminar aimed to emphasize that ceramic engineering is not limited to job opportunities alone but also offers vast scope for entrepreneurship. Students were encouraged to think beyond employment and consider establishing their own industries, thereby contributing to economic growth and job creation.

## 2. Objectives of the Seminar

The objectives of organizing the seminar was

- To create awareness about the importance and scope of ceramic engineering in modern industries
- To bridge the gap between academic knowledge and industrial applications
- To provide insights into career opportunities in ceramic and allied sectors
- To encourage students to explore research, innovation, and entrepreneurship
- To help students understand industry expectations and required skill sets
- To motivate students to adopt new technologies and become industry-ready
- To facilitate interaction between students, academicians, industry experts, and alumni

## 3. Brief on Seminar and Dignitaries

The seminar was inaugurated by Dr. Ravikumar, Professor at Indian Institute of Technology Madras. In his inaugural address, he highlighted the importance of ceramic materials in various industries and emphasized that students should not limit themselves to job-seeking but should also focus on entrepreneurship.

The program was presided over by Dr. Shashil G. Namoshi, President of the Hyderabad Karnataka Education Society, who expressed his happiness about organizing a national-level seminar and appreciated the involvement of alumni in the event.

Shri Raja Bhimmalli, Vice President of the organization, addressed the students and advised them to make the best use of the seminar by actively listening to expert lectures and preparing themselves for the competitive world.

Dr. C.D. Madhusoodana, Vice President of Indian Ceramic Society, Chair-American Ceramic Society, Southwest India Chapter and General Manager at Corp R&D of Bharat Heavy Electricals Limited, motivated students to adopt new technologies and assured full support to the department.

Dr. Shyam Rao, Chairman of the Karnataka Chapter of the Indian Ceramic Society, emphasized the importance of making students industry-ready.

Shri Uday Chincholi, Secretary of the Hyderabad Karnataka Education Society, attended the seminar as the guest of honor.

Dr. Siddarama R. Patil, Principal of PDA College of Engineering, encouraged students to participate in such academic events to enhance their knowledge and skills.

The seminar was convened by Dr. Veeresh Mallapur, Head of the Department of Ceramic and Cement Technology, who welcomed the gathering.

## **4. Invited Speakers**

The seminar integrated expert lectures from distinguished speakers across India:

- Prof. Ravikumar – Indian Institute of Technology Madras.
- Dr. ShyamS Rao–Corporate Technology Officer CUMI India .
- Dr. C D Madhusoodana–General Manager BHEL Hyderabad.
- Prof. Souman Mandal – National Institute of Technology Karnataka Surathkal.
- Dr. VenkatYakatapure – Defense Metallurgical Research Laboratory. Hyderabad
- Er. Harsh Joshi – General Manager, JSW Steel.
- Er.Vivek Katagi – General Manager, UltraTech Cement. Mumbai.

### **4.1 Coverage of Topics by speakers**

The speakers covered a wide range of topics including:

- Industrial applications of ceramics in steel and cement industries
- Importance of refractory materials in high-temperature environments
- Advanced ceramics used in electronics, aerospace, and biomedical fields
- Role of research and development in ceramic engineering
- Industry expectations and required technical skills
- Career opportunities in academia, research organizations, and industries
- Entrepreneurship opportunities in ceramic manufacturing and processing

The sessions also included real-life industrial examples, case studies, and interactive discussions, which helped students, understand practical challenges and solutions.

## **5. Role of Students and Coordination**

The seminar was successfully organized with the active involvement of faculty members and students.

The program was coordinated by Student Chapter Advisory Professor Dr. Baburao Sherikar, along with Dr. S.R. Hotti, Dr. Bharati Harasur, Dr. S.B. Patil, Kishor Kumar Rathod, Dr. Amaresha, Dr. Pavan Rangdal, Gundu Kolakur, and Hansraj Sahu.

Student members including Shashi Bhushan, Shekar Rathod, Guddi Gupta, Likhith Prajwal, Akshat, Vinay Patil, Bharath S.P., MallikarjunaKumane, SharanuJagate, and YallalingaPareet actively participated in organizing the seminar.

The program was anchored by Nikita and Guddi Gupta, the vote of thanks was delivered by Akshat, and the prayer was performed by Shashi Bhushan.

Around 200 students from various departments and from different regions including Bengaluru, Chennai, Nellore, and Maharashtra attended the seminar.

## 6. Outcomes of the Seminar

The seminar proved to be highly beneficial for students and faculty members. The key outcomes include:

- Enhanced understanding of ceramic materials and their industrial applications
- Increased awareness about career opportunities and higher education options
- Exposure to real-world industrial practices and expectations
- Improved interaction between students and industry experts
- Motivation to explore research and innovation in ceramics
- Encouragement towards entrepreneurship and startup development
- Development of confidence and professional outlook among students

Overall, the seminar successfully achieved its objective of connecting education with enterprise opportunities.

## 7. Conclusion

The One-Day National Seminar on “*Ceramics: Education to Enterprise*” was a great success. It provided a valuable platform for students to interact with experts from academia and industry and gain insights into the practical aspects of ceramic engineering.

The seminar highlighted the importance of ceramics in modern technology and emphasized the need for innovation, skill development, and entrepreneurship. It inspired students to think beyond traditional career paths and explore new opportunities in the field of ceramics.

Such seminars play a vital role in shaping the future of students and preparing them to contribute effectively to industry and society.

# GALLERIA CLIPS







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Hyderabad Karnataka Education Society's  
Poojya Doddappa Appa College of Engineering  
Kalaburagi



DEPARTMENT OF CERAMIC & CEMENT TECHNOLOGY  
INDIAN CERAMIC SOCIETY STUDENT CHAPTER PDACE, KALABURAGI



One Day National Seminar on  
**CERAMICS: EDUCATION TO ENTERPRISE**

In Association with  
The American Ceramic Society, South West India



Prof. Ravikumar N.V.  
IT Madras



Dr. C.D. Mahalingam



Dr. Shyam S. Rao



Sri. Shashil G. Namoshi MLC  
President, HKE Society, Kalaburagi



Dr. Saumen  
Mandal



Dr. Manisha  
Vidhyavathy



Er. Vivek Kaligi



Dr. Venkat  
Ekarpure



Er. Harsh Joshi

Saturday 7<sup>th</sup> March 2026 at 10:30 am Venue: PDA Auditorium, SAC Building, PDA College of Engineering, Kalaburagi