

Inaugural Ceremony of 4th Students' Chapter of Indian Ceramic Society at National Institute of Technology, Jamshedpur – A Report

Indian Ceramic Society (InCerS) allows its student members to mature to their professional status more rapidly by providing support to supplement educational programs and assists students to develop professional autonomy. Due to the initiative and ardent efforts of Prof. Bharat Bhushan Jha (Technical Advisor, Dept of Metallurgical & Materials Engineering, NIT, Jamshedpur) and Dr L. K. Sharma (President, InCerS) along with the unflinching support from Prof. Karunesh Kumar Shukla (Director, NIT, Jamshedpur) and Prof. R. V. Sharma (Deputy Director, NIT-Jamshedpur), the 4th Students' Chapter of Indian Ceramic Society was formally inaugurated at National Institute of Technology, Jamshedpur, on 19th February, 2022. A one-day national workshop on Advanced Ceramics (WOAC-2022) was also arranged along with the occasion. Eminent personnel from Tata Steel, Jamshedpur, CSIR-NML, Jamshedpur, CSIR-CGCRI, Kolkata along with the students from NIT, Jamshedpur and secretariat staff members of InCerS participated in the event. Mr Dhiman Banerjee, Honorary Secretary, InCerS was also present. Besides, a large number of delegates virtually participated in the program.



Lighting of the ceremonial lamp

The event was sponsored by Prism Johnson Ltd, Mumbai, Jamshedpur Chapter, InCerS, M/s B. N. Dutta (Refractory Engineers), CSIR-CGCRI, Kolkata, M/s Hindustan Platinum, Navi Mumbai and M/s A. G. Enterprise, Howrah, WB.

The inaugural session was glorified by the presence of Dr Indranil Chattoraj, (Director, CSIR-NML), Chief Guest, and Dr Suman Kumri Mishra (Director, CSIR-CGCRI), Guest of Honour, along with Prof. Karunesh Kumar Shukla (patron of the event), Prof. R. V. Sharma (chairperson of the event), Dr Subhash Singh, (convener of the event), Dr L. K. Sharma and Prof. Bharat Bhushan Jha. The inaugural ceremony commenced with a prayer song by the students followed by lighting of lamp by the dignitaries.

Prof. B. B. Jha welcomed the gathering and greeted the invited speakers and the dignitaries on the dais. He made a brief presentation of the journey behind the establishment of this students' chapter and wished to create a knowledge based platform for the students of ceramic engineering and other sectors of glass, science and engineering. He highly appreciated the students who played a vital role in formation of the students' chapter at NIT, Jamshedpur and wished grand success for their future.

Prof. Karunesh Kumar Shukla, in his inaugural speech, opined that the students have high potential to create milestones for each day and motivated the students to come forward to build 'Self-reliant India' with the aim to make the country and its citizens self-reliant in all senses.

Dr L. K. Sharma, in his speech, thanked all the dignitaries, invited speakers and all the participants for gracing the occasion by their solemn presence. He also thanked Prof. K. K. Shukla, Director, NIT, Jamshedpur, for providing all kind of facilities to conduct such event in the beautiful campus of NIT, Jamshedpur. He explained the significance of the students' chapter and its aims. He opined that now-a-days ceramics is used in every sphere of life and a ceramist could go beyond our imagination in the fields like, aerospace engineering, automobile industry, medical field, etc. He motivated the students to follow the path shown by Pt. Madan Mohan Malaviya who strived to promote modern education among Indians and eventually co-founded the Banaras Hindu University (BHU) at Varanasi. Dr Sharma then officially declared the launch of 4th Students' Chapter of Indian Ceramic Society at NIT, Jamshedpur. He assured that the Indian Ceramic Society would provide all types of support to promote the students' chapter and also wished a great success for this chapter.

Dr K. Muraleedharan, immediate past President, InCerS, joined the event virtually and greeted the dignitaries and participants. He expressed his high satisfaction for the formation of the new students' chapter of InCerS and mentioned that InCerS always provides all the privilege for the students as they have the potential to build a nation. He wished grand success of the NIT, Jamshedpur students' chapter.

Dr Suman Kumri Mishra, Guest of Honour, at the outset, expressed her hearty welcome to all the dignitaries, invited speakers, delegates and other participants. She especially applauded the focus on the relevance and significance of the students' chapter and the initiative of all the officials and also the Jamshedpur Chapter who were highly engaged in formation of the students' chapter. She emphasized that the manufacturing side in the ceramic industry must be well developed and the ceramists should explore the use of green energy and renewable energy sources for betterment of the

industry. She also thanked the Director and other officials of NIT, Jamshedpur for providing all kind of facilities to conduct such event in their campus.

Honorable Chief Guest, Dr Indranil Chattoraj, rendered his hearty welcome to all the dignitaries and the participants. He described the fact and necessity behind discovery of fire and its uses in human civilization and also development of the pottery sector since primitive age. He explained the profound relationship between metallurgy and ceramics. He opined the use of ceramics in optical fiber as a game changer event. He wished a great success for the students' chapter of NIT, Jamshedpur and also motivated the students to actively participate in the workshop to get immensely benefited by the befitting talk of the stalwarts.

To commemorate the occasion a comprehensive souvenir containing messages from eminent persons and abstracts of all technical papers was released.



Release of souvenir

During the workshop (WOAC-2022) five invited speakers delivered their lectures on different topics:

- (i) Dr Sanjay Kumar (NML, Jamshedpur) delivered lecture on 'Solid Waste Management in Metallurgical Laboratory'.
- (ii) Dr Atanu Ranjan Pal (Tata Steel, Jamshedpur) delivered lecture on 'Eye Opening Delivery on Net Zero Emission'.

(iii) Prof. B. B. Jha (NIT, Jamshedpur) delivered lecture on 'Advanced Ceramics for Strategic Applications'.

(iv) Mr Prasanta Panigrahi (Tata Steel, Jamshedpur) delivered lecture on, 'Refractories for Quality Steel Manufacturing'.

(v) Mr Sitendu Mandal (CSIR-CGCRI, Kolkata) delivered lecture on, 'Fabrication of Ultra Low Expansion Glass Ceramics: An Effective Approach towards Utilization of Industrial Waste with Low Cost Aluminosilicate Minerals'.

The whole program of the workshop was extremely dynamic. The speakers interacted constantly with the students, answered their queries and explained different aspects of their topics.

Towards the end of the event a panel discussion took place with the dignitaries like Dr L. K. Sharma, Prof. B. B. Jha, Prof. R. V. Sharma and Mr Sitendu Mandal. The panelists shared their perspective, opinions and also replied relevant queries from the audience. Prof. B. B. Jha proposed the vote of thanks. He acknowledged the earnest supports of all the sponsors towards organizing the event. He expressed his gratitude to the Director and other associates of NIT, Jamshedpur, invited speakers, dignitaries and all the participants. He acknowledged the contribution of the students who worked really hard to make this event a grand success. He also appreciated the support received from secretariat staff members of the Indian Ceramic Society.

The event was concluded by playing of Indian National Anthem.



A group of participants