

## **Prof. N. K. Batra Metals & Materials Quiz – 2019**

The annual **Prof. N. K. Batra Metals & Materials Quiz – 2019** was jointly organized by the Department of Materials Science and Engineering, Indian Institute of Technology (IIT) Kanpur and Indian Institute of Metals (IIM), Kanpur chapter on the August 18, 2019 in IIT Kanpur. The quiz witnessed enthusiastic participation from 35 teams representing various schools (18 schools) in Kanpur. This annual event is meant for Class XI and XII students and is aimed at inculcating their interest in Materials and Metallurgical Engineering.

The event initiated with the enlightening speech by the welcoming remarks from Prof. Gouthama, Head (Acting), Department of Materials Science and Engineering IIT Kanpur. In his speech, he highlighted the contributions of late Prof. N. K. Batra in whose memory this quiz is named. Prof. Amarendra Kumar Singh, Chairman IIM Kanpur Chapter, also extended a warm welcome to all the participants and described about Indian Institute of Metals and the quiz. As a part of the event, Shri Rituraj Dwivedi (Joint General Manager, Ordnance Development Centre, Ordnance Factory, Kanpur) delivered a talk on “**Selection of materials in defence applications**” in which he elaborated on the materials selection criterion for the Dhanush and Sarang guns used by the Indian Defence Forces. An exhibition was also organized by the MSE department students wherein several models, such as organic light-emitting diodes, simulation-based experiments, etc were demonstrated to the students, teachers and the community.

The quiz competition consisted of a preliminary screening round, followed by four stages. The Screening Test comprised of a written test from which 8 teams were shortlisted for the next round. The first stage was divided into two rounds i.e. **Quizzical Suspects** and **Clue round**, where the students had to guess the answer with the help of given clues. The number of team was reduced to 6 after this stage. The second stage comprised of **Connect the Dots and Visual round**, where the participants had to identify the underlying concept through a combination of pictures and videos. 4 teams were shortlisted for the next round. The third stage consisted of **Buzzer round** and **Double trouble round**, from which two teams were selected for the final round. The final round, which consisted of rapid fire questions to be answered in 60 seconds. The quiz masters (Ms. Zuveria Firdouz, Mr. Saikat Mandal and Mr. Prakhar Bhandari, all are PG students in the department of MSE) kept the audience involved in the competition through their quick wit and humour.

**Aryaman Mehrotra and Shreedhar Malpani from Seth Anandram Jaipuria, Kanpur bagged the first position in the Prof. N. K. Batra Metals & Materials Quiz 2019. Ishita Tripathi and Paritosh Awasthi from Puranchandra Vidyaniketan, Kanpur were the runners-up.** The two winner teams from the regional city rounds will be invited to compete now at the National level Prof. Brahm Prakash Memorial Quiz competition to be held at the Indira Gandhi Centre for Atomic Research, Kalpakkam later in this year.

The quiz was organized under the stewardship of Prof. Sudhanshu S. Singh, Secretary, Prof. N.P. Gurao, Student Advisor of IIM Kanpur chapter and Prof. Shikhar K. Jha. The successful conduct of the quiz could only be possible by the unrelenting and enthusiastic efforts of the students of IIM Kanpur chapter led by Mr. Uttam Reddy and Mr. Shivam Singh of IIT Kanpur.