

NANO JATHA 2020

Date: 08-01-2020

Organizer: Faculty of Life Sciences, JSS Academy of Higher Education & Research

Faculty of Life Sciences, JSS Academy of Higher Education & research, (JSSAHER)Mysuru hosted **Nano Jatha** on 8th January 2020, as a prelude to the 11th edition of '**BENGALURU INDIA NANO 2020**'. Two hundred students of High Schools and Pre-University Colleges of Mysore participated. The objective/aim of the event was to popularize and promote the importance of Nanotechnology among the young minds. The event was sponsored by Karnataka Science & Technology Promoting Society (KSTePS), GoK and Centre for Nano & Soft Matter Sciences (CeNS), GoI.

In his inaugural address, Dr. Surinder Singh, Vice Chancellor of JSSAHER, stressed on the importance of Nanotechnology, quoting examples from daily life. He explained how it is going to play a major role in every sector of human life in future. He lauded the role of Karnataka's Vision Group on Nanotechnology, chaired by **Prof. C.N.R. Rao** is reaching a large number of students through the BENGALURU INDIA NANO event which is happening annually as a part of the efforts towards fostering a business environment for the development of Nanoscience and Nanotechnology Industry in India. Further, Dr. Singh elaborated on the applications of nanotechnology in cancer therapy. He added that delivering drugs at nanoscale which are tagged with monoclonal antibodies lead to reduced quantity of drugs with less side effects without compromising on the efficiency of the drugs. Dr. PA Kushalappa, Director Academics, JSS AHER and Dr. KA Raveesha, Head, Faculty of Life Sciences were present in the session as Guests of Honor.

Following the Inaugural session, students were exposed to a 30-minute video on the importance of Nanotechnology. There were two technical sessions. Dr. Pralay Santra, Scientist, CeNS shared a presentation on "**Nanotechnology, a source of light?**" Dr. Siddharth Joshi, Head, Centre for Nanotechnology, NIE, Mysuru spoke on the "**Importance of Nanotechnology in Science & Engineering**".

An exhibition was arranged depicting the importance of nanotechnology and how the field is being used in daily life. Some of the exhibits like "When gold is not golden", "Today I am Faraday", "Electricity from fruit juice" etc., attracted the attention of many students.

The sessions were quite interactive and led the students to inquire about the current knowledge in the advanced field on nanotechnology. To further encourage the students, a quiz competition was held in the afternoon session and the winners were awarded with cash prizes. Students felt that more of such events if organized will be quite useful to enhance their knowledge and skill.

Dr. T.S. Gopenath, Associate Professor, FLS, and Organizing Secretary of the Nano Jatha delivered the vote of thanks and concluded the event.



Inaugural Session of Nano Jatha 2020 held on 08-01-2020 at JSS Academy of Higher Education & Research, Mysuru. Vice Chancellor of JSS AHER Dr. Surinder Singh who was also the Chief Guest of the event is seen addressing the students. From left, Dr. KA Raveesha, Head, Faculty of Life Sciences, Dr. Siddharth Joshi, NIE, Mysuru, Dr. PA Kushalappa, Director Academics, JSS AHER, Dr. Pralay Santra, Scientist, CeNS and Dr. T.S. Gopenath, Organizing Secretary are seen on the dias.



Two Hundred High School and Pre-University students from different schools in Mysuru attended the Nano Jatha 2020 organized by Faculty of Life Sciences, JSS Academy of Higher Education & Research, Mysuru.