

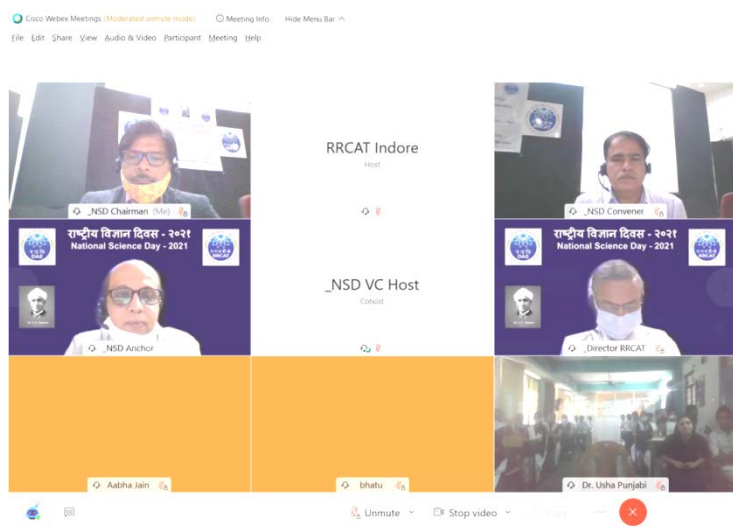
NATIONAL SCIENCE DAY- 2021 CELEBRATION

AT RRCAT, Indore

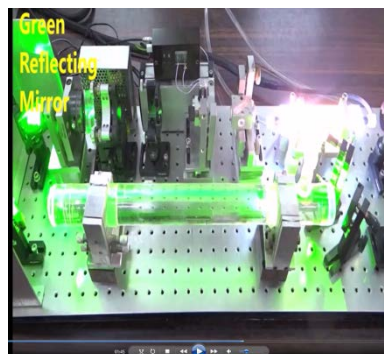
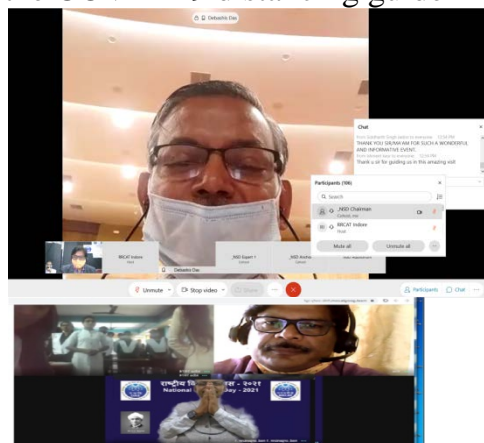
National Science Day was celebrated on February 28, 2021 at Raja Ramanna Centre for Advanced Technology, Indore in virtual online mode. Shri Purushottam Shrivastava Chairman, Public Outreach committee and NSD, 2021 welcomed the participants. In his welcome address delivered in Hindi Language, he informed the audience that the theme of this year's NSD 2021 is the Future of Science, Technology and Innovation (STI), Impact on Education, skills and work and brought awareness amongst students about the STIP 2020 and how they can contribute towards formation of STIP. He then welcomed Shri Debashis Das, Director RRCAT and introduced to the audience. Shri Debashis Das addressed the participants in Hindi language and informed that the National Science Day is celebrated to commemorate the path-breaking discovery of Raman Effect which led to the winning of Nobel Prize by Prof. C.V. Raman. He brought out several inspirational aspects of Prof. Raman's personality and life-style besides his scientific contributions. He also gave an overview of Laser and Accelerator activities at RRCAT and explained several applications. His simple and easy to understand explanations had a stimulating effect on all the students and teachers. He also indicated on the educational institutions and prospects for students who may like to make a career in scientific research. More than 650 students and teachers of 27 schools and 9 colleges from Indore as well as from distant cities like Mallapuram, Kerala, Pilani, Rajasthan, Burhanpur, Ujjain, Badwani, Mhow joined the online virtual celebrations. A special online session was conducted for 40 students of special schools for physically challenged students who interacted with the experts Shri Debashis Das, Dr. Jayabalan, Dr. Vikas Jain, Dr. Ramakant Biswal, Shri Khageshwar Sahu and Smt Jagriti Khanwalkar and through interpreter and had shown great interest in science and technology activities.

The participants of the NSD 2021 were taken through an online tour of various laboratories and scientific activities of RRCAT by means of video clips on Synchrotron Radiation Sources (SRS) Indus-1 and Indus-2, laser laboratories, cryogenic laboratory, FEL, workshop, magnet laboratory, industrial accelerators, Superconducting RF activities and also on the experiments set up to explain the basic principles of physics, technologies and cryogenics. Students interacted with the experts of RRCAT through the session by means of putting their questions on chat box as well as interacting live. Special session of college students was conducted in the afternoon in which about 250 students registered and interacted with the experts of RRCAT. The overall program was conducted by a dedicated

team from RRCAT. The program anchoring was done by Dr. Mangesh Borage and arrangements were coordinated by various sub coordinators of activities with Shri Rajesh Arya as the Convener NSD 2021. Senior experts Dr. A. Charavarti, Dr. Mangesh Borage, Dr. S.Raja, Dr. Gautam Sinha, Dr. Rashmi Shrivastava, Shri Subrata Das, Dr. Ramakant Biswal, Dr. Beena Jain and Shri M.P. Kamath interacted with students and Shri Ishant Dave and Shri Dhruvedeep Narvat managed the online program under leadership of Shri S.S. Tomar and Smt Swati Chaudhry. The program was supported by enthusiastic and dedicated volunteers from RRCAT.



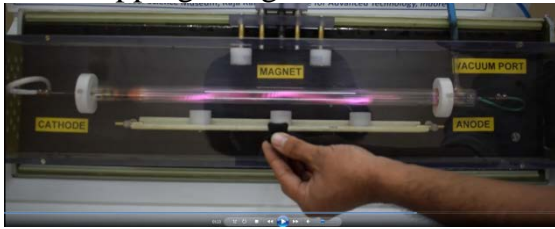
Online program glimpses with special attendance of physically challenged students abiding the COVID 19 distancing guidelines.



Raman Effect demonstration



Paint stripping using CO2 laser



Discover of Electron experiment



Cloud formation through liquid nitrogen



Online program execution team at RRCAT