



ACTIVITIES FOR THE SESSION 2021-22

WEBINAR

A webinar in a hybrid mode (both online and offline) was organized on September 23, 2021 under the theme “*Azadi ka Amrut Mahotsav - Science and Technology: India @75*” in association with the Indian Science Congress Association (ISCA) Shimla-Chapter. Around 250 science students of St. Bede's college and other colleges from far off places such as Recong Peo (Kinnaur) and HPTU Hamirpur, and faculty members of other institutions attended the webinar.

Hon'ble Vice-Chancellor Prof. Sikander Kumar (Himachal Pradesh University, Shimla) was the chief guest for the event. Prof. K.S. Rangappa (ex Gen. President ISCA), Prof. Neeraj Sharma convener ISCA Shimla chapter, Prof. P.K. Ahluwalia (Retd. Prof. Department of Physics, HPU Shimla), Dr. Deepak Tuli (IOC) were the eminent speakers for the day.





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GUEST LECTURE

Eminent physicist Prof. OSKS Sastri, from the School of Physical & Material Science, Central University of Himachal Pradesh delivered a talk on the use of “tracker software” on October 1, 2021. He taught the students how to take a video of a moving object and track it using tracker software and check the required parameters. Around 75 physics students at the college and faculty members attended the event.



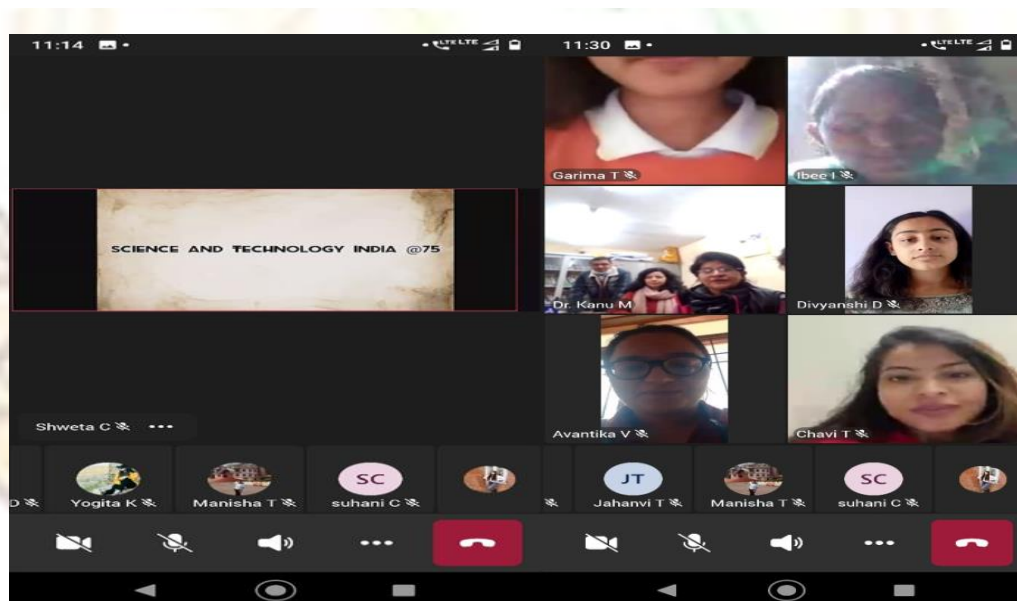


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INTERDEPARTMENTAL VIDEO MAKING COMPETITION

The Departments of Physics and Mathematics jointly organized an event on **Video Making Competition** as a part of “Azadi ka Amrut Mahotsav” celebrations on Feb 19, 2022. The students of Physics and Mathematics presented the lives and achievements of great scientists like Albert Einstein, C.V.Raman, Satyanandera Nath Bose, Meghnad Saha, and Srinivas Ramanujam through their creative videos. In this event Navisha Rana of B.Sc.II secured first position and Divyanshi Deshta of B.Sc.I stood second.





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ONLINE WORKSHOP

Program for Aspiring Women Scientists (PAWS)" was conducted by Homi Bhabha Centre for Science Education & IPA'S Gender in Physics Working Group on '*Combating Imposter Syndrome and biases*' on February 20, 2022.

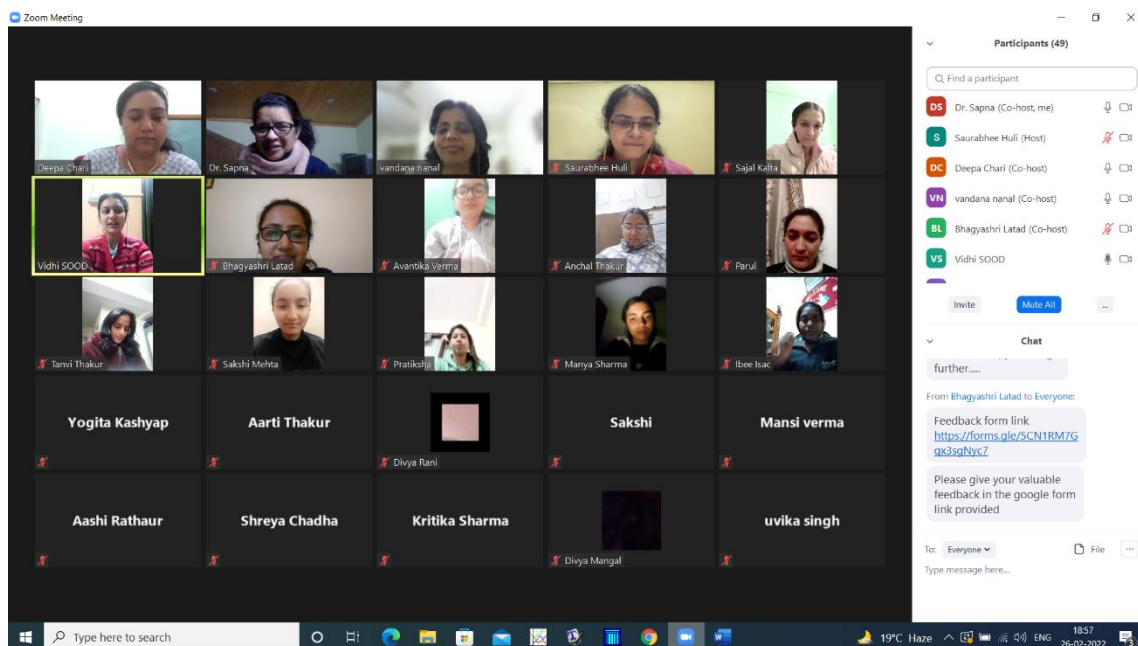
The Eminent personalities from the field of Science and Research namely Dr. Deepa Chari from Homi Bhabha Centre for Science Education, TIFR, Professor Vandana Nanal from Tata Institute of Fundamental Research along with Ms. Saurabi Huli and Ms. Bhagyashri Latad participated in the event. The workshop was based on spreading awareness about imposter syndrome and unconscious biases and various ways to combat them. Topics like decision making, dealing with microaggressions were also discussed.

The screenshot shows a Zoom meeting window with a presentation slide. The slide features the TIFR HBCSE logo in the top left corner. The main text on the slide reads: "HBCSE & IPA GENDER IN PHYSICS WORKING GROUP organizes", followed by a large orange box containing the word "PAWS". To the right of this box, it says "PROGRAM FOR ASPIRING WOMEN SCIENTISTS". Below this, it states "4th Workshop: Owing your achievements: Combating imposter syndrome & biases!". The date "26 February, 2022" is listed, followed by "Adapted from TiFR Vigyan Vidushi programme". A small video inset in the top right corner shows a woman, presumably Dr. Deepa Chari, smiling. At the bottom left of the slide, there is a small logo and the text "Deepa Chari's screen".

The screenshot shows a Zoom meeting window with four participants in a grid view. The participants are: Dr. Deepa Chari (top left), Dr. Sapna (top right), Saurabhee Huli (bottom left), and Bhagyashri Latad (bottom right). Below the grid, the names "Arushi" and "Meenal's A51" are visible. On the right side of the window, there is a "Participants (6)" list showing the names and status of all participants. Below the list is a "Chat" window with messages from participants, including "Thankyou teachers" and "thankyou everyone for this beautiful session". The bottom of the window shows the Windows taskbar with the search bar, task view button, and various application icons.



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NATIONAL SCIENCE DAY

On Feb 28, 2022, National Science Day was celebrated on the theme “Integrated Approach in Science and Technology for a Sustainable Future”. Various inter ship activities like power point presentations on the topic ‘Applications of Raman Spectroscopy in science’, video making, science quiz were organized. Collages, posters models on bacterial and viral structures, practical demonstration of interference, diffraction, scattering of light, and Herbariums were also displayed.





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