

DATE: 28<sup>th</sup> Feb, 2021

**Event**

**Coordinator**

**Dr. Ashutosh  
Valavade**

**Time & Place:**

**28<sup>th</sup> Feb, 2021  
at:4:00 p.m.**

**Online  
Platform  
Zoom**

**Department:**

**Applied  
Science &  
Humanities**

**No of  
participant:**

**115**

National science day was celebrated online by **Xavier Institute of Engineering, Mahim** on 28<sup>th</sup> Feb, 2021 with great enthusiasm. National Science Day is held to commemorate the discovery of the Raman Effect. On February 28, 1928, Sir CV Raman discovered Raman Effect for which the Physicist was awarded the Nobel Prize in 1930.

The theme for this year's National Science Day (2021) celebration was "Future of STI: Impacts on Education, Skills and Work".

The department of Applied Sciences and humanities organized a special guest lecture on the topic of "Astrosat & Other Indian Space Missions" by Dr. Vinita Navalkar, Research Associate, Centre for Basic Science (CBS) University of Mumbai on the happy occasion of National Science Day 2021. The lecture was arranged online on the zoom platform for the staff and first year students to attend the lecture and celebrate this day. The program started with our Director Fr. (Dr.) John Rose. S.J. addressing our enthusiastic students and warmly welcomed the celebration of Science day along with his encouraging words to the students. Our Principal Dr. Y.D. Venkatesh then addressed the online gathering motivating the students as well. This was followed by the co-ordinator of the program Dr. Ashutosh V addressing the students and highlighting the importance of science day celebration. He then introduced the speaker for the day Dr. Vinita Navalkar, Research Associate, Centre for Basic Science (CBS) University of Mumbai and requested her to deliver her talk. Dr. Vinita Navalkar spoke about her experience during the development of multilayer optics for X-ray telescope to study the Cosmic X-ray sources and the calibration of optics assembly and detector used in the Soft X-ray telescope (SXT) on-board ASTROSAT (India's first space-based telescope). She also spoke about India's ASTROSAT mission, Chandrayan I mission and the different detectors used in these missions in detail. Her explanation of the concepts of space and simple approach to discuss such difficult topics glued the students to their seats and online screens. Her presentation was simple, yet precise and detailed.

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Enthusiastic students asked a number of questions related to space & space missions to the guest speaker. The speaker happily obliged them by patiently listening to students and answering every question.

Dr. Madhavi Primi, Head, Dept of Applied Sciences and Humanities concluded the program by thanking the guest speaker and delivering vote of thanks.

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Dr. Ashutosh V  
Asst. Prof.



Dr Madhavi Parimi  
(HoD-AS&H)

Screen shots the online session on the occasion of National Science Day 28<sup>th</sup> Feb 2021.



**XAVIER INSTITUTE OF ENGINEERING**  
A sister institute of St. Xavier's College, Mumbai  
Mahim Causeway, Mahim,  
Mumbai - 400 016.  
**Department of Applied Sciences & Humanities**  
cordially invites you to attend

**CELEBRATION OF NATIONAL SCIENCE DAY 2021**

at 4:00 p.m. on 28<sup>th</sup> Feb, 2021



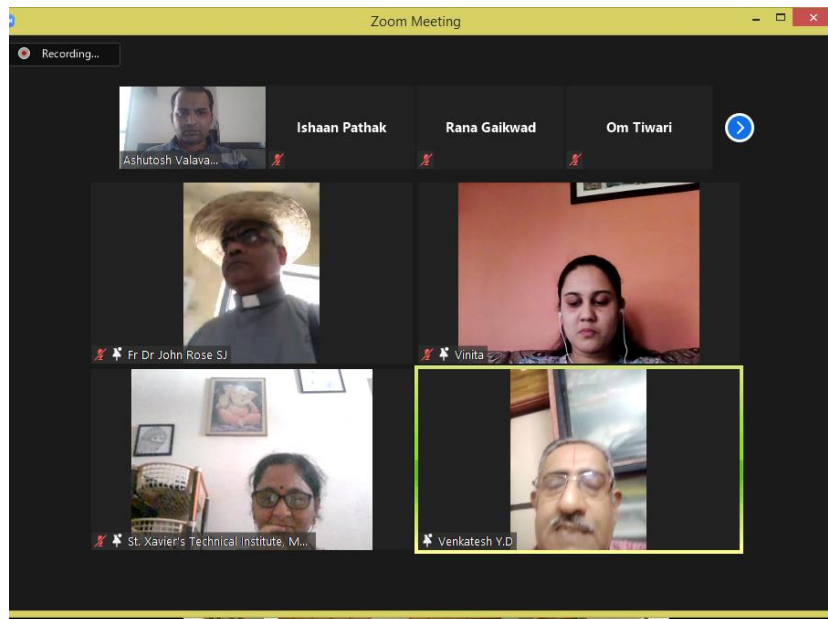
Special Lecture on  
**Astrosat & other Indian Space Missions**  
By  
**Dr. Vinita Navalkar**  
(Research Associate)  
Centre for Basic Science (CBS)  
University of Mumbai

The zoom link for the lecture is given below  
<https://us02web.zoom.us/j/83281911817?pwd=M3lwMTZJRnU5V2JNazVLZEVMziEQT09>



Participants in the meeting:

- Ashutosh Valava...
- Ishaan Pathak
- Rana Gaikwad
- Om Tiwari
- Fr Dr John Rose SJ
- Vinita
- St. Xavier's Technical Institute, M...
- Venkatesh Y.D



Zoom Meeting

Recording...

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