

WEBINAR SERIES: LISTENING TO LEARN—SESSIONS DURING 2022–23

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Introduction

The NCERT's Telecast Programme Webinar Series: 'Listening to Learn' continued during the financial year 2022–23. During the year, twenty-one sessions were organised on a wide range of topics related to school education. It included astronomy—gravitational lensing and James Webb Telescope; environment—soil-water quality, rivers, hydroelectric cells and water; biological sciences and medicine—genetic engineering, biosecurity, radiology, superbugs and brain; archeology and earth sciences—dinosaurs, geophysics and radionuclides; engineering sciences and applications—nuclear radiations, materials, wind tunnels, cells and batteries, and biomimicry. A session for motivating children for entrepreneurship was also organised by the Mumbai Dabbawallas.

As in 2021–22, in 2022–23 as well, these sessions were streamed LIVE on four PM e-Vidya television channels #9–#12, and also on the NCERT's YouTube channel: NCERT OFFICIAL. With the gradual improvement in the pandemic situation, experts were able to be present in the Central Institute of Educational Technology (CIET) studio

for the session. Out of the total twenty-one sessions, fourteen sessions took place having experts in the studio while seven were organised connecting experts through video-conferencing. Two experts joined the telecast from abroad (one from USA and another from UK). In 2022–23 as well, NCERT has collaborated with the Pravasi Bharatiya Academic and Scientific Sampark (PRABHASS) programme of the Government of India for connecting the Indian diaspora with the motherland.

Suggestions are being received for topics and areas that can be taken up for discussion in the series. At the same time, interest expressed by a good number of experts from India as well as from Indian diaspora to be part of this platform for interacting with children in their respective areas of expertise is encouraging. Sincere efforts have been made to include them. An earnest attempt is being made to incorporate all other possible suggestions in the forthcoming sessions.

The Table below provides a list of all the twenty-one sessions organised during the financial year 2022–23 with their respective Youtube Links. The same may also be accessed through the event section of the NCERT's website (www.ncert.nic.in).

S. No.	Date	Speaker	Title of the Talk and its YouTube link
1.	06 May 2022	Ashok Sahni Panjab University, Chandigarh	Dinosaurs of India: Dead but Doing Well https://youtu.be/CqYW_9bsinM
2.	20 May 2022	Jasjeet Singh Bagla Indian Institute of Science Education and Research, Mohali	Gravitational Lensing https://youtu.be/vmHtajiVLLY
3.	10 June 2022	Pankaj Kumar Gupta University of Waterloo, Canada	Soil-Water Quality Management https://youtu.be/8HWL3Vb6w3k
4.	24 June 2022	Abhishek Mishra Houston Methodist Research Institute, Texas, USA	Genetic Engineering: The Life beyond Imagination https://youtu.be/IdMHYzTqZdM
5.	8 July 2022	Bhanu Prakash Singh Aligarh Muslim University, Aligarh	Nuclear Radiations and their Applications https://youtu.be/18uaQKF50kk
6.	22 July 2022	Avanish Kumar Srivastava CSIR - Advanced Materials & Processes Research Institute, Bhopal	Self-Reliant India: A Materials Perspective https://youtu.be/ri6ChmzctQ4
7.	12 August 2022	Shalivahan Indian Institute of Petroleum and Energy, Visakhapatnam	Geophysics: Knowledge of Depth https://youtu.be/DoC4YfbZ89g
8.	26 August 2022	Priyank Kumar Birla Institute of Technology, Mesra, Ranchi	Wind Tunnels and Their Applications https://youtu.be/gNFSANS-aj4
9.	09 September 2022	Venimadhav Adyam Indian Institute of Technology, Kharagpur	Battery Manufacturing in India – Technological Challenges and Opportunities https://youtu.be/lz1EVQ39J3A
10.	23 September 2022	Arnab Sen ICAR Research Complex for NEH Region, Barapani, Meghalaya	Biosecurity: Threats and Control https://youtu.be/xrDtCUZL9o
11.	07 October 2022	V. Subramanian TERI School of Advanced Studies, New Delhi	What Do Our Revers Carry? https://youtu.be/2BMqKGzBlyE

12.	28 October 2022	Debopam Das Indian Institute of Technology, Kanpur	Biomimicry and Innovation: A Fluid Dynamics Perspective https://youtu.be/a0xLUj9SV7c
13.	11 November 2022	Shailesh Shirali Sahyadri School, KFI, Rajgurunagar, Pune	Snippets from Ancient Indian Mathematics https://youtu.be/ watch?v=4q2llxXV4-l
14.	09 December 2022	R.K. Kotnala CSIR – National Physical Laboratory, New Delhi	Hydroelectric Cell: The Biggest Invention in Green Energy https://youtu.be/qlm_FolhXh0
15.	23 December 2022	Pankaj Kumar Inter University Accelerator Centre, New Delhi	Decoding the Geological Past with Radionuclides https://youtu.be/MK5L6QM4fWw
16.	06 January 2023	Anand Narayanan Indian Institute of Space Science and Technology, Thiruvananthapuram	James Webb Space Telescope: Out Where The Stars Do Not Twinkle https://youtu.be/IBd-IDeEcq8
17.	27 January 2023	Abhishek Mahajan Clatterbridge Cancer Centre, University of Liverpool, UK	Radiology in the Service of Mankind https://youtu.be/wWodurYVCyATo
18.	10 February 2023	Pawan G. Agrawal Kamlabai Educational and Charitable Trust, Mumbai	Let's Touch the Sky (Story of Mumbai Dabbawalas) https://youtu.be/C16E9bawYDY
19.	17 February 2023	Rajesh Bhatia Food and Agriculture Organization of the United Nations, New Delhi	Silent Pandemic of Superbugs https://youtu.be/nucLdEpNa-w
20.	10 March 2023	Arun Deep Ahluwalia Shoolini University, Solan, HP	Story of Water https://youtu.be/1XoWhRrv8w
21.	17 March 2023	Arpan Banerjee National Brain Research Centre, Gurugram, Haryana	Brain – An Exploration like No Other https://youtu.be/nkYB4R7jnZ8

The programme is being continued during 2023–2024. All the sessions are available on the NCERT's YouTube Channel: NCERT OFFICIAL. Each recording has information about the speaker as well as brief about the talk. The entire playlist of all the sessions can be accessed at <https://youtube.com/playlist?list=PLUgLcpgv1YifsVIYiNsbEBF7vPg9YdEnm>.



These videos are uploaded on YouTube to make sure that these can be accessed by children and public in general at their convenience. The same can also be accessed through the event section of the NCERT's website (https://ncert.nic.in/webinar_series.php). The same can also be accessed by scanning the QR Code.

It is hoped that the viewers will enjoy these sessions and provide their feedback. Suggestions about the areas or topics that can be taken up in this series are welcome.

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