

# VIBES

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**Azadi Ka**  
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- A short course on **“Experimental Rock Deformation and Rheology of Earth Materials”** was organised on December 17th & 18th by SEPS. Prof. David Goldsby from the University of Pennsylvania, Prof. Santanu Mishra from IIT Kanpur, and numerous Masters and PhD students from various national institutes of India participated.



## TALKS & SPECIAL LECTURES

- Dr. Luciano Musa, CERN Experimental Physics Division, delivered a talk on **“Uncovering the quark-gluon plasma: scientific and technological challenges”** on October 21, 2022, as part of the NISER Colloquium.



- Shri Sumant Kumar Samantaray, Commercial Tax and GST Officer, Enforcement Unit, Rourkela, delivered a talk on **“Input Tax Credit and Evasion Control Mechanism in GST”** on November 25, 2022.

- Dr Banani Chakraborty, Department of Chemical Engineering, IISc Bangalore, delivered a talk on **“Functional DNA nanotechnology: origami, aptamers, and their applications”** on December 5, 2022, as part of a CIS Seminar.
- Dr. Murthy Gudipati from NASA Jet Propulsion Laboratory visited SEPS and presented a talk on **“Laboratory Simulations of Exoplanet Atmospheres”** on December 5, 2022.
- Smt. Namrata Chadha, former member State Commission for Women, delivered a talk on **“Creating awareness for Prevention, Prohibition and Redressal of Sexual Harassment of Women at Workplace”** on December 9, 2022, on the occasion of International Day for the Elimination of Violence against Women.
- Prof. David Goldsby, Department of Earth & Environmental Science, University of Pennsylvania presented a talk titled **“The Rheological Behavior of Ice: From Plasticity to Diffusion Creep”** on December 16, 2022.

### NISER Outreach Talk Series

- Dr. Tirumala K. Chowdary from NISER spoke at length on **“Where the COVID-19 pandemic virus, SARS-CoV-2, comes from? - A difficult question to answer”** on July 29, 2022.
- A panel discussion on **“RBI's Annual Report, 2021-22”** was conducted by eminent speakers from the Department of Economic and Policy Research, Reserve Bank of India, on August 12, 2022.
- Professor Richard N. Zare from the Department of Chemistry, Stanford University, delivered a talk on **“A New Way to Stop the Spread of Viral Respiratory Infections”** on August 19, 2022.
- Prof. Rohini Balakrishnan, a critically acclaimed ecologist and bioacoustics expert at CES, IISc, gave a talk on **“Benefits and costs of acoustic communication in crickets and katydids”** on August 20, 2022.
- Prof. N. Sathyamurthy, Honorary Professor from IISER Mohali, spoke on **“Learning Science from the Kitchen Garden”** on September 16, 2022.
- Professor Surendra Ghaskadbi from the Developmental Biology Group, Agharkar Research Institute, gave a talk on **“Development of Animal Form”** on October 12, 2022.