

VIBES

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Azadi Ka
Amrit Mahotsav



भारत 2023 INDIA
वशुधैव कुटुम्बकम्
ONE EARTH • ONE FAMILY • ONE FUTURE

- 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.