

School of Environmental Sciences &

JNU - EIACP Resource Partner

Cordially Invites You to

National Seminar on: Current Environmental Challenges & Solutions through Mission LiFE (NSCECSM-LiFE 2024)

on April 22, 2024 (Monday) | 10:00 AM (IST)



VENUE

JNU CONVENTION CENTER
Jawaharlal Nehru University,
New Delhi - 110 067

Chief Guest

Prof. Santishree Dhulipudi Pandit, Vice Chancellor

Jawaharlal Nehru University, New Delhi - 110 067

Guest of Honour

Shri Ashok Lavasa, Former Secretary,

Ministry of Environment, Forest & Climate Change (MoEF&CC), GoI

National Seminar on:
**Current Environmental Challenges &
Solutions through Mission LiFE**
(NSCECSM-LiFE 2024)

April 22, 2024 (Monday)

PROGRAMME SCHEDULE

09:00 - 10:00 AM:	Registration
10:00 - 11:10 AM:	Inaugural Session
10:00 - 10:05 AM:	Lighting of Lamp
10:05 - 10:15 AM:	Welcome Address Prof. N. Janardhana Raju, Dean, SES
10:15 - 10:30 AM:	Inaugural Address Prof. Santishree D. Pandit Vice-Chancellor, JNU
10:30 - 10:45 AM:	Guest of Honour's Remark Shri Ashok Lavasa, Former Secretary, MoEF&CC, GoI
10:45 - 11:05 AM:	Keynote Speech : Prof. Kalachand Sain, Director, Wadia Institute of Himalayan Geology, Dehradun 'Environmental challenges and way forward: Himalayan Perspective'
11:05 - 11:10 AM:	Vote of Thanks Dr. Arun Srivastava SES, JNU
11:10 - 11:30 AM:	High Tea

11:30 AM - 01:30 PM : Technical Session-I

Chair: Prof. Krishan Kumar and Prof. Kasturi Mukhopadhyay

Invited Talk-1 :

11:30 - 11:50 AM:

'India's Policy Landscape for Combating Air Pollution'
Prof. Mukesh Khare, Emeritus Professor,
Department of Civil Engineering, IIT Delhi, New Delhi

11:50 - 12:00 PM

Talk 1: "An Evaluation of WRF model in simulating flash flood at Raunthi, Joshimath during 2021" Nikita Parihar

12:00 - 12:10 PM

Talk 2: "Environmental Education to School Students based on NEP 2020: Challenges and Opportunities" Abhimanyu Kumar

12:10 - 12:20 PM

Talk 3: "Delineating Potential Groundwater Recharge Zones in the Semi-Arid Eastern Plains of Rajasthan, India" Vipin Garg

12:20 - 12:30 PM

Talk 4: "Impact of Climatic Variability on the Agricultural Economy of the Gaddi Community in Kangra, Himachal" Nikhil Thakur

12:30 - 12:40 PM

Talk 5: "Effects of Invasive Aquatic weeds derived biochar on the Carbon Dynamics of South Indian Tropical Soil" Shanthi Prabha V

12:40 - 12:50 PM

Talk 6: "Exploring the Enigmatic Frogs of Northeast India - Revisiting their Taxonomy, Addressing Knowledge Gaps and Understanding Conservation Requirements" A. N. Dikshit

12:50 - 01:00 PM

Talk 7: "Green Synthesis of Antibiotic-Adsorbing Natural Fibers: A Sustainable Solution for Aqueous Environment Remediation" Aparna Sabu

01:00 - 01:10 PM

Talk 8: "Effectiveness of faith & belief in maintaining soil health – A case study of Ebudhou Marjing Sacred grove and adjoining reserve forest in Indo-Burma Biodiversity Hotspot" Elam Lisha

01:10 - 01:20 PM

Talk 9: "Ex-situ conservation of *Dendrocalamus latiflorus* via somatic embryogenesis in Manipur" Sylvia Ningthoujam

01:20 - 01:30 PM

Talk 10: "Assessing the household level perception and adaptation strategies to flood risk in informal settlements of Yamuna floodplain in Delhi" Shilpi Sachdeva

01:30 - 02:15 PM

LUNCH

02:15 PM - 03:00 PM : Technical Session-II

Chair: Prof. Jayant Tripathi and Prof. Usha Mina

02:15 - 03:00 PM Poster Session

03:00 PM - 04:20 PM : Technical Session-III

Chair: Prof. Dinesh Mohan and Prof. P. K. Joshi

- 03:00 - 03:20 PM **Invited Talk-2 :**
“Clean Air Essential for meeting Sustainable Development Goal”
Prof. Sagnik Dey, CAS, IIT Delhi, New Delhi
- 03:20 - 03:30 PM **Talk 11:** “Snakes in the city: Spatial and temporal assessments of snake encounters in urban Delhi, India” Gaurav Barhadiya
- 03:30 - 03:40 PM **Talk 12:** “Understanding resilience in lower plant groups (mosses & ferns) for climate change: Case study for rational conserving approach to protect diversity and dynamics across altitudinal landscape of Darjeeling hills” Mousumi P Sarkar
- 03:40 - 03:50 PM **Talk 13:** High Resolution WRF Meteorological Simulation over Doon Valley: Validation with Ground Observation”
Deepak Kumar
- 03:50 - 04:00 PM **Talk 14:** “Estimating Ground level PM10 Concentration from MODIS and VIIRS S-NPP Integrated AOD Data: A Linear Regression Model Approach” Rajat Pandey
- 04:00 - 04:10 PM **Talk 15:** “Legends – A Handy Software for Daily GIS Needs”
Ishan Rayal
- 04:10 - 04:20 PM **Talk 16:** “Sustainable fabrication, characterization, and degradation studies of agri-waste derived cellulose-based biopolymer composite films” Shanty C B

04:20 - 04:40 PM Tea

04:40 PM - 05:30 PM : Valedictory

- 04:40 - 04:45 PM Welcome - Dr. Arun Srivastava, SES, JNU
- 04:45 - 05:00 PM Valedictory Speech - Prof. Kaushal Sharma, Dean SSS, JNU
- 05:00 - 05:25 PM Prize Distribution - Prof. N. J. Raju, Dean SES, JNU
- 05:25 - 05:30 PM Vote of Thanks - Dr. Ramovatar Meena, SES, JNU