

## SCIENTIFIC ADVISORY COMMITTEE

Dr. Mrutyunjay Mohapatra, DGM, IMD  
Prof. U. C. Mohanty, IIT Bhubaneswar  
Prof. A. P. Dimri, Director, IIG Mumbai  
Prof. S. Nautiyal, Director, GBPNIHE Almora  
Dr. K. Kumar, Nodal Officer, NMHS  
Prof. Subimal Ghosh, IIT Bombay  
Prof. A N V Satyanarayana, IIT Kharagpur  
Prof. Ashok Karumuri, University of Hyderabad

## PROGRAM COMMITTEE

Prof. Sumit Sen, IIT Roorkee  
Dr. K. C. Sekar, Sc-F, GBPNIHE  
Dr. Sandipan Mukherjee, Sc-D, GBPNIHE  
Dr. Vaibhav Gosavi, Sc-C, GBPNIHE  
Dr. Krishna Kishore Osuri, NIT Rourkela  
Prof. Jagabandhu Panda, NIT Rourkela

## LOCAL-ORGANIZING COMMITTEE

Dr. Krishna Kishore Osuri, Chairperson  
Dr. Jagabandhu Panda, Member  
Dr. Chilukoti Nagaraju, Member  
Dr. S Rekha, Member  
Dr. Naresh Krishna Vissa, Member  
Dr. B. Tyagi, Member  
Dr. Md. SK. Equeenuddin, Member  
Dr. B. Kundu, Member  
Dr. Thungyani N. Ovung, Member  
Mr. Vinodh Kumar Buri, Member  
Mr. Sasanka Talukdar, Member  
Mr. Yerni Srinivas Nekkeli, Member  
Mr. Sivasai Krishna Tirumani, Member  
Ms. Priya Kumari, Member  
Mr. Md Hasan Seikh, Member  
Mr. Falguni Muduli, Member

## PATRON

Prof. K .Umamaheshwar Rao  
Director  
NIT Rourkela

## CONVENER

Dr. Krishna Kishore Osuri  
Dept. of Earth and Atmospheric Sciences  
NIT Rourkela

## CO-CONVENER(s)

Dr. Jagabandhu Panda  
Dept. of Earth and Atmospheric Sciences  
NIT Rourkela

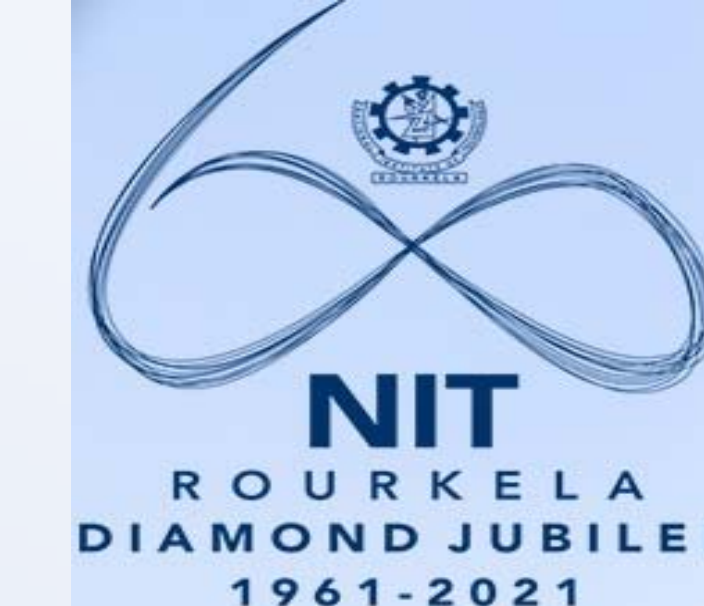
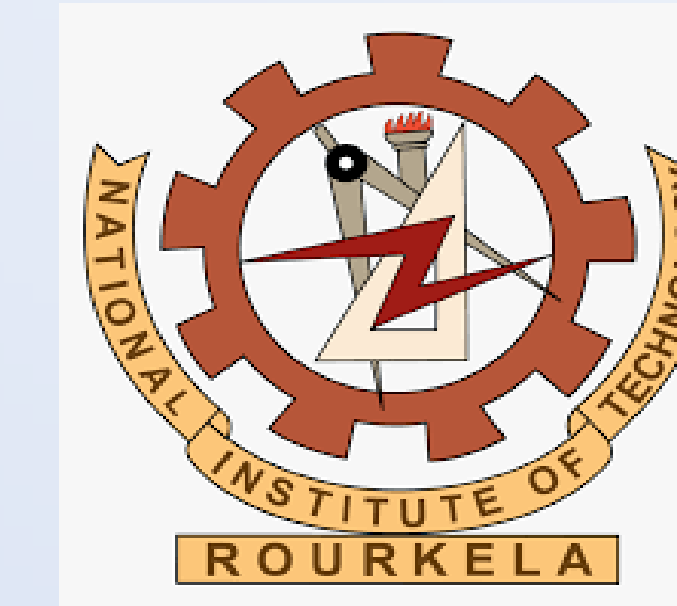
Dr. Sandipan Mukherjee  
GBPNIHE

## OBJECTIVE

The overarching aim of the conference is to bring together the experts in the field of land surface and atmosphere interactions to discuss and share knowledge for the benefit of society with a special emphasis to complex orography regions, such as the Himalayas.

## THEMES

- Extreme weather events
- Remote sensing application in weather and climate
- Land surface processes through observations and numerical modeling
- Water and plant biodiversity in the mountain climate
- AI & ML applications in weather and climate



# National Conference on Land-Atmosphere Interactions Controlling Weather & Climate: Applications of Numerical Models and Observations (LAI-2023)

January 09-12, 2023

Organized by



Department of Earth and Atmospheric  
Sciences, NIT Rourkela

Sponsored by



GBPNIHE

NMHS

NMHS



MoEF&CC



IIG

## ABOUT THE INSTITUTE

National Institute of Technology (NIT) Rourkela is an institute of national importance under the Ministry of Education, Government of India. The main objective of the Institute is to produce quality Engineers and Scientists in Graduate and Post-Graduate levels in various branches of Engineering and Science. It promotes advanced research across the disciplines.

## ABOUT THE DEPARTMENT

The Department of Earth and Atmospheric Sciences is set up to provide state of the art education and research in earth, climate, ocean, and planetary sciences. The department promotes interdisciplinary research linking geological processes, natural hazards, environmental issues, weather and climate. The department is completing ten years of its existence in 2023. Currently, the department offers MSc (Applied Geology & Atmospheric Science), M.Tech (Atmosphere and Ocean Science), and PhD.



## IMPORTANT DATES

Online registration and abstract submission	20 Nov 2022
Intimation on Acceptance of Abstract	10 Dec 2022
Confirmation of participation	15 Dec 2022
Conference dates	9-12 Jan 2023

## REGISTRATION FEE

Category	Fee
Scholars/ Students	Rs. 1000/-
Scientist/ Faculty/ Participants from Industry	Rs. 2000/-

Register at [tinyurl.com/lai2023-register](https://tinyurl.com/lai2023-register)

**The registration fee can be paid online to**  
Account Name: Conference, NIT Rourkela  
Account Number: 36734418111  
IFSC Code: SBIN0002109

## PUBLICATIONS

Selected conference papers will be considered for publications in peer reviewed and reputed journal(s) as special issue(s). Scientific committee will evaluate the papers and recommend the full paper submission.

## WEATHER IN ROURKELA

Minimum temperature during January is around 5-10°C with mostly dry and cold conditions.

## ACCOMMODATION DETAILS

There are so many budget friendly hotels near by the Rourkela Railway station. Apart from this the organizing committee will also arrange the accommodation on first come first basis at Institute guest house during 9-12, January, 2023 on payment basis.

## HOW TO REACH NIT ROURKELA

**Rail:** Rourkela is well connected by train routes with all parts of the country. It is situated on the Howrah –Mumbai line and as well as on Ranchi-Bhubaneshwar line.

**Road:** Rourkela is well connected with the various parts of the state by NH 10 & 23.

**Station to NITR Campus:** Auto/Taxi available at Rourkela railway station, which is 7 km away from the campus.

Nearest Railway stations	Nearest Airport
Rourkela-7 kms Jharsuguda-130 kms Tatanagar- 195 kms Ranchi- 170 km	Jharsuguda – 130 km Ranchi-170 kms

## CONTACT PERSON

**Dr. Krishna Kishore Osuri**

Dept. of Earth and Atmospheric Sciences  
NIT Rourkela, Odisha - 769008

Email: [osurik@nitrkl.ac.in](mailto:osurik@nitrkl.ac.in)

Phone No: 7853084987

Website: <https://lai2023.github.io/>

Email: [lai23nitrkl@gmail.com](mailto:lai23nitrkl@gmail.com)

