



GeoAI CON Inter-Session

Hands-on Workshop and Strategic Meet

A five-day intensive programme combining hands-on geospatial training with regulatory interaction involving Mining Officers, SEIAA and SEAC members.

CORE THEMES



Drone Survey & Mapping



DGPS Surveying



Bathymetric Survey
of Water Bodies

Organized by
Centre of Excellence

Socio-Environmental Sustainability for River Sand Mining (SEnSRS)
Indian Institute of Technology - Ropar, Punjab, India

— TECHNICAL TRAINING —

Day 1: Hands on tutorial on DGPS.

By Ashish Kumar Maurya
(Senior Field Surveyor)

Day 2: Drone Surveying & Mapping.

By Arush Sharma
(Technical Supervisor)

Day 3: Hands on tutorial on Multispectral Drone/TLS/Hyperspectral Drone

By Aravind k. Suresh & Avinash Sharma
(PhD Scholar)

Day 4: Hands on tutorial on Bathymetry survey

By Faiz
(PhD Scholar)

DAY 5: Panel Meeting

— HIGHLIGHTS OF EVENT —

- Hands-on geospatial training
- Expert technical sessions
- Regulatory interaction & insights
- Real-world survey applications
- Participation certification



Dates: 27 – 31 January, 2026



Venue: IIT Ropar



Mode : Offline

Last date for registration: 22 January, 2026

Registration Fees :- 5000/- Per Person

1000/- for Geology & Mining officials

***20% Discount to ISRS Members or Govt. Officials**

****For accommodation & Travel Allowance,**

IIT Rules will be Applicable



Participation Certificates will be Provided

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See You At

📍 C-114, SAB

Indian Institute of Technology Rupnagar,
Punjab 140001

<https://sensrs.com/GeoAICon>



Patron :

Prof.(Dr.) Rajeev Ahuja
Director, IIT Ropar, Punjab

Organising Secretary :

Dr. Reet Kamal Tiwari
Centre Coordinator, SEnSRS

Convener :

Dr. Sartajvir Singh Dhillon
Chief Scientific Officer, SEnSRS

Co-Conveners :

Dr. Naveen James
Dr. Navin Gopinathan
Dr. Shrey Pathak
Dr. Sreekumar Jayadevan
Co-Coordinator, SEnSRS

Organising Team :

Dr. Vishakha Sood
Project Scientist, SEnSRS

Dr. Swati Sharma
Senior Scientist, SEnSRS

Mr. Arush Sharma
Technical Supervisor, SEnSRS

Mr. Ashish Maurya
Senior Field Surveyor, SEnSRS

Ms. Apoorva Sharma
Data Scientist, SEnSRS

Mr. Md. Hamidur Rahman
GIS Scientist, SEnSRS

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Mr. Prabhudutta Arya
Mr. Amritesh Singh
Field Investigator, ICSSR

Mr. Mohit Patial
Mr. Mohit Thakur
Mr. Randeep Singh
Data Analyst
Field Surveyor, SEnSRS

Mrs. Gurparkash Kaur
Ms. Tania Vohra
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Mr. Harwinder Singh
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