

## Tentative Program



**Indian Institute of Remote Sensing**  
Indian Space Research Organisation  
Department of Space, Govt. of India, Dehradun



### **IIRS Academia Meet - 2026**

**Integrating Earth Observation and Artificial Intelligence:  
Emerging Paradigms in Geospatial Science**

April 22, 2026, Venue: Bhaskara Auditorium, IIRS

#### **Inaugural Ceremony**

09:30 - 09:32 hrs.	Welcome of Dignitaries	
09:32 - 09:35 hrs.	Invocation and Lighting of Lamp	
09:35 - 09:45 hrs.	Welcome & Opening Remarks	Dr. R. P. Singh, Director, IIRS
09:45 - 09:55 hrs.	Address by Guest of Honor	Prof. Kuruvilla Joseph, Pro-Vice Chancellor, IIST
09:55 - 10:05 hrs.	Address by Guest of Honor	Dr. S. P. Aggrawal, Director, NESAC
10:05 - 10:10 hrs.	Release of IIRS Placement Brochure and Sudoor Vahini	
10:10 - 10:25 hrs.	Inaugural Address by Chief Guest	Mrs. Bharati, Director, IGNFA
10:25 - 10:30 hrs.	Vote of Thanks	Mrs. Shefali Agrawal, Dean (Academics), IIRS

**Tea Break (10:30 - 11:00 hrs.)**

#### **Technical Session: Integrating Earth Observation and AI: Emerging Paradigms**

**Chair:** Dr. Sanjay Srivastava, IAS, Bengaluru

**Rapporteur:** Dr. Harish Karnatak, IIRS

Time (hrs.)	Topic	Speaker
11:00-11:15	Geospatial to GeoAI for Disaster Resilience: Opportunities and challenges	Dr. Sanjay Srivastava, IAS, Bengaluru
11:15-11:30	Utilization of Earth Observations in NWP and AI Application at NCMRWF	Dr. Ashish Routray, NCMRWF, Noida
11:30-11:45	Transforming Large-Scale Ecological Monitoring with Sensors and AI	Shri Qamar Qureshi, WII, Dehradun
11:45-12:00	AI for Complex Systems: Integrating Data and Dynamics for Earth Science	Dr. Amit Apte, IISER, Pune
12:00-12:15	One map GIS	Shri Amit Bhargava, NIC, Delhi
12:15-12:30	Satellite Perspectives on the Urban-Climature-Pollution Nexus over Indian Cities	Dr. V. Vinoj, IIT, Bhubneshwar
12:30-12:45	Activities of MNCFC using EO and AI	Dr. S. Bandyopadhyay, MNCFC, New Delhi
12:45-13:00	AI based Research Highlights at IIRS	Mrs. Shefali Agrawal, IIRS, Dehradun

**Lunch Break (13:00 - 14:30 hrs.)**

#### **Technical Session: Integrating Earth Observation and AI: Emerging Paradigms (Cont.)**

14:30-14:50	Disaster Risk Reduction using Earth Observation and Leveraging Benefits of AI	Dr. Prakash Chauhan, NRSC, Hyderabad
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#### **Panel Discussion: AI for EO Science & Applications: Future Directions**

**Moderator:** Dr. Suresh Kumar, IIRS

Time (hrs.)	Panelist	Affiliation
14:50 - 15:50	Dr. A. Velumurgan	ICAR, New Delhi
	Dr. Rajiv Kumar Jaiswal	DOS Branch Secretariat, New Delhi
	Dr. P.C. Nayak	NIH, Roorkee
	Dr. Krushna Chandra Gouda	CSIR-4PI, Bengaluru
	Prof. Kuruvilla Joseph	IIST, Thiruvananthapuram
	Dr. V. Vinoj	IIT, Bhubaneshwar
	Shri Mohd. Monis Khan	TCPO, Delhi
	Dr. Harnam Singh	Integrated Geo Informatics Solutions, Dehradun

#### **Closing Ceremony**

15:50-15:55	Summary of Technical Session	Dr. Harish Karnatak, IIRS
15:55-16:00	Closing Remarks	Dr. R. P. Singh, Director, IIRS
16:00-16:05	Vote of Thanks	Dr. H. S. Srivastav, IIRS