



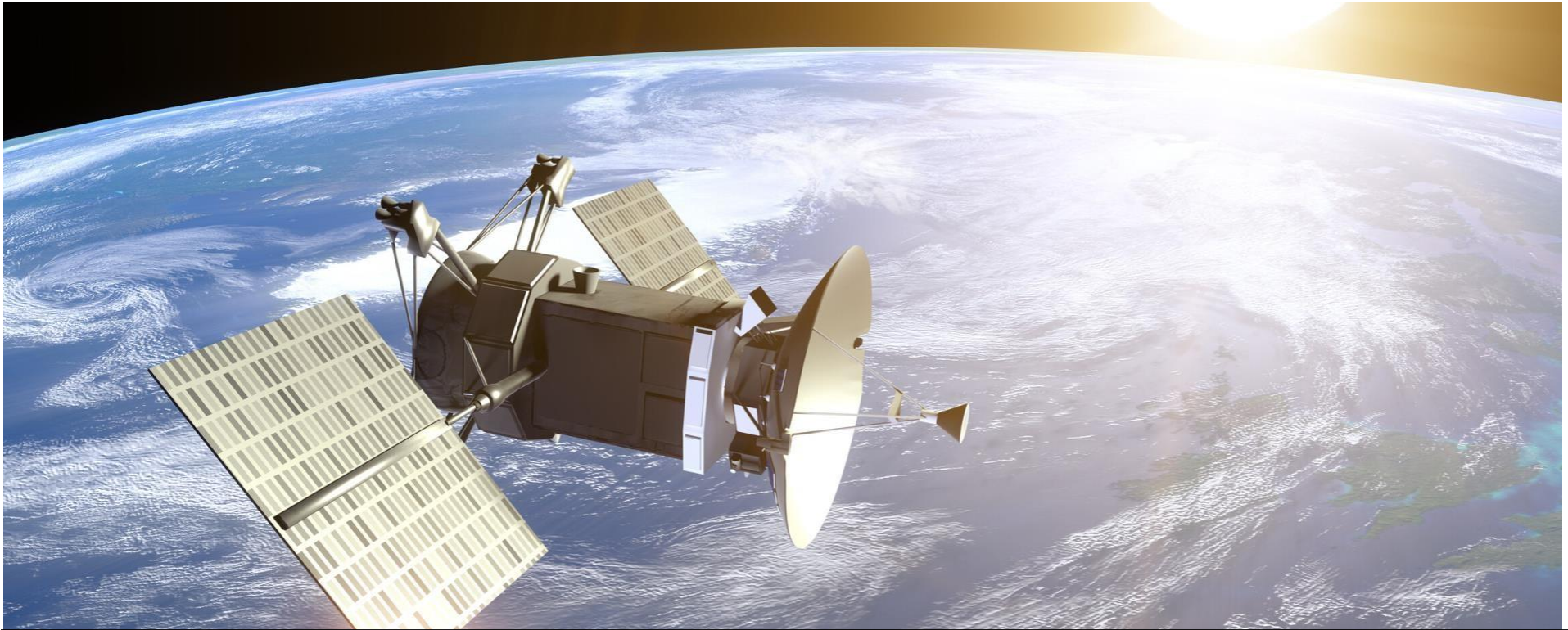
NATIONAL SYMPOSIUM on
REMOTE SENSING FOR SUSTAINABLE FUTURE:
AROAD MAP TOWARDS VIKSIT BHARAT



ANNUAL CONVENTION of
INDIAN SOCIETY OF REMOTE SENSING
INDIAN SOCIETY OF GEOMATICS

11th – 13th DEC 2024

VENUE: Dr. A.P.J. Abdul Kalam Technical University



Organized By:
Indian Society of Remote Sensing
Indian Society of Geomatics
Remote Sensing Applications Centre U.P., Lucknow
A.P.J. Abdul Kalam Technical University, Uttar Pradesh Lucknow

Programme Schedule

Day - 1		Wednesday		11-Dec-2024	
		HALL – 1 (ATAL SABHAGAR)			
08:30 – 10:30 hrs	Registration				
10:30 – 12:30 hrs	Inaugural Ceremony	Award Ceremony of ISRS & ISG		High-Tea	
		Exhibition Inauguration			
12:30 - 13:15 hrs	Vikaram Sarabhai Memorial Lecture by Dr. V.K. Dadhwal, Indira Gandhi Chair Professor Environmental Sciences, National Institute of Advanced Studies, Bengaluru				
13:15 - 14:20 hrs	Lunch				
14:20 - 15:00 hrs	Invited Lecture-I st “Satellites for Society, Indian Perspective” by Dr. Prakash Chauhan, Director NRSC Hyderabad & President ISG				
15:00 - 15:40 hrs	Invited Lecture-II nd “Geospatial Ecosystem and Trends” by Dr. S.P. Aggarwal, Director NESAC & President ISRS				
15:40 - 16:30 hrs	Invited Lecture-III rd “Evolution of Remote Sensing” by Dr. R.P. Singh, Director IIRS Dehradun and Editor-In-chief ISG Journal of Geomatics				
16:30 - 17:00 hrs	Tea, Networking Session, Exhibition & Inauguration of Poster				
17:00 - 17:45 hrs	ISG Millennium Lecture by Dr. Aniruddha Roy, Chief Technology Officer, Genesys International Corporation Ltd.				
17:45 - 18:00 hrs	Address by ESRI Representative				
18:00 - 18:30 hrs	ISRS General Body Meeting	SSB Hall- 1 st Floor (CSA Building)			
18:30 – 19:00 hrs	ISG General Body Meeting				
19:00 - 19:15 hrs	Tea Break				
19:15 - 19:30 hrs	Society Awards, ISRS & ISG				
19:30 - 20:30 hrs	Cultural Programs				
20:30 - 21:30 hrs	Symposium Dinner				

Day - 2		Thursday		12-Dec-2024	
	Agriculture & Soil	Forest & Environment	Water & Earth Science		
	HALL - 2	HALL - 3	HALL - 4		
	Technical Session - 01 -----	Technical Session - 02 -----	Technical Session - 03 -----		
09:30 – 11:00 hrs	Chair: Dr. Bimal Bhattacharya, SAC Ahmedabad Co-Chair: Sri. Yogesh Agritech Innovation	Chair: Dr. C S Reddy, NRSC Hyderabad Co-Chair: Dr. Subrata Nandy, Scientist SF, IIRS Dehradun	Chair: Dr. AK Lohani, Head, Surface Water Hydrology Division, NIH Roorkee Co-Chair: Dr. Manvendra Saharia, IIT Delhi		
	Key Note speaker: Dr. Bimal Bhattacharya	Key Note speaker: Dr. C S Reddy Topic- "Earth Observations for Managing Biological Invasions: State of the art and future perspectives"	Key Note speaker: Dr. AK Lohani Topic- "Water Resource Management: Challenges and Opportunities"		
09:30 – 11:00 hrs	ISRS I-CON 2 nd Round Demonstration (8 teams) and Evaluation (Hall-2, AKTU)				
11:00 – 11.30 hrs	Poster & Visit to Exhibition(V.C. Building, Atrium) and Tea/Coffee Break				
11:30 – 13:00 hrs	IN-SPACE Session (Venue: Hall - 2)				
13.00 – 14.00 hrs	Lunch				
	Agriculture & Soil	Forest & Environment	Water & Earth Science		
	HALL - 2	HALL - 3	HALL - 4		
	Technical Session - 04 -----	Technical Session - 05 -----	Technical Session - 06 -----		
14:00 – 15:30 hrs	Chair: Dr. Vijendra Pateriya, Director, Punjab Remote Sensing Centre Co-Chair: Dr. SD Tripathi, Director AZURE Clouds Pvt. Ltd.	Chair: Dr. Maneesh, Scientist FRI, Dehradun Co-Chair: Ranjeet Singh Verma, RSAC-U.P.	Chair: Dr. Praveen K-Thakur Head WRD IIRS, Dheradun Co-Chair: Dr. A Uniyal Scientist-SE, RSAC-U.P.		
	Key Note speaker: Dr. Vijendra Pateriya	Key Note speaker: Dr. Subrata Nandy	Key Note speaker: Sri. A.K. Agarwal Chairman ISRS-Lucknow		
15:30 – 16.00 hrs	Poster & Visit to Exhibition(V.C. Building, Atrium) and Tea/Coffee Break				
	Agriculture & Soil	Remote Sensing Based Project of Central and State	Disaster Climate Risk & Climate Resilience		

		Government Departments	
	HALL - 2	HALL - 3	HALL - 4
	Technical Session - 07 -----	Technical Session - 08 -----	Technical Session - 09 -----
16:00 – 17:30 hrs	Chair: Dr. Dharmesh Verma, Terrasense Intellicrop Pvt. Ltd. Co-Chair: Dr. Sanjay Arora, Senior Scientist CSSRI	Chair: Shri P.N. Raiu. Special Secretary to Govt. of Assam Co-Chair: Dr. Rameshwar Bali Professor Lucknow University	Chair: Dr. IM Bahuguna, Former Deputy Director SAC, Ahmadabad Co-Chair: Dr. Kashif Imdad, Advisor (UPSDMA)
	Key Note speaker: Dr. Dharmesh Verma	Key Note speaker: Shri PLN Raju	Key Note speaker: Dr. Rajashri Bothale Topic- "Earth observation for mapping climate change and building resilience"
17:30 – 19:00 hrs	Industry Session/ Poster Presentation (V.C. Building, Atrium)		
19:00 – 21:00 hrs	Dinner		
Day - 3 Friday 13-Dec-2024			
	Satellite Metrology, Metrology, Oceanography, Blue Economy & Current and Future Satellite Mission & Astronomy and Planetary Remote Sensing (09.30- 11:30hrs)	Sensor Technology, Data Processing, UAV, Lidar, SAR & GNSS (09:30-11:30hrs)	E-GOVERNANCE, DATA SCIENCE AI AND ML (09:30-11:30hrs)
	HALL - 3	HALL - 4	HALL - 5
	Technical Session - 10 -----	Technical Session - 11 -----	Technical Session - 12 -----
09:30 – 11:30 hrs	Chair: Dr. Som Sharma, PRL, Ahmedabad Co-Chair: Dr. Sachidanad Sahu, ISTRAC/ISRO, Lucknow	Chair: Dr. Anjana Vyas, Senior Scientist, SAC, Ahmedabad Co-Chair: Dr. Nikhil Lele, Senior Scientist SAC, Ahmadabad	Chair: Prof Kamal Jain, IIT Roorkee Co-Chair: Minakshi Kumar Scientist-SG, Head Academics
	Key Note speaker: Dr. Som Sharma Topic- "Investigations of Atmospheric Clouds as Boundary Layer Using Active Remote sensing Lidar network over India- A-Novel Prospective "	Key Note speaker: Dr. Anjana Vyas	Key Note speaker: Prof Kamal Jain

11:30 – 12.00 hrs	Poster & Visit to Exhibition(V.C. Building, Atrium) and Tea/Coffee Break		
	E-GOVERNANCE, DATA SCIENCE AI AND ML	Sensor Technology, Data Processing, UAV, Lidar, SAR & GNSS,	E-GOVERNANCE, DATA SCIENCE AI AND ML (12.00–13:30hrs)
	HALL - 3	HALL - 4	HALL - 5
	Technical Session - 13 -----	Technical Session - 14 -----	Technical Session - 15 -----
12:00 – 13:30 hrs	Chair: Dr. IC Das, National Remote Sensing Centre Balanagar Co-Chair: Shri Sushil Chandra Scientist-F RSAC-U.P.	Chair: Dr. Asif Siddiqui General Manager ISTRAC/ISRO Lucknow Co-Chair: Dr. Hina Pandey Scientist Engineer – SF Photogrammetry and Remote Sensing, IIRS Daharadun	Chair: Dr. Sameer Saran DGM, Scientist-SG RRSC-North, NRSC/ISRO Co-Chair: Dr. Sachidanad Sahoo Scientist Engineer, ISTRAC/ISRO, Lucknow
	Key Note speaker: Dr. IC Das	Key Note speaker: Dr. Manoj Semwal PrincipalScientist, CIMAP	Key Note speaker: Dr. Sameer Saran
13.30 – 14.30 hrs	Lunch		
14:30 – 15:30 hrs	Panel Discussion / Best Paper-Poster Awards / Symposium Outcome		
15:30 – 16:00 hrs	Tea Break		