

National Symposium
on

**REMOTE SENSING FOR
SUSTAINABLE FUTURE:
A ROADMAP TOWARDS
VIKSIT BHARAT**

and
Annual Convention of

**Indian Society of Remote Sensing
Indian Society of Geomatics**



In association with



**Remote Sensing Applications Centre-Uttar Pradesh
&
Dr. A.P.J. Abdul Kalam Technical University, Lucknow**

11th – 13th DECEMBER, 2024



www.isrslucknow2024.com

Jointly organized
by



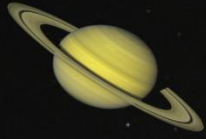
Hosted by

**Indian Society of Remote
Sensing**

Indian Society of Geomatics

**Remote Sensing Applications
Centre- UP, Lucknow**

**Dr. A.P.J. Abdul Kalam
Technical University, Lucknow**



BACKGROUND



Indian Society of Remote Sensing (ISRS) and Indian Society of Geomatics (ISG), two premier professional bodies, join each year to organize a national symposium on relevant themes. This year, ISRS and ISG are jointly conducting its Symposium in collaboration with the Remote Sensing Applications Centre-UP to bring geospatial companies, regional industry and large-scale user organizations on board. This year's theme "**Remote Sensing for Sustainable Future: A Roadmap Towards Viksit Bharat**" is selected after recognizing the importance of technology and its applications in the future for the development of Bharat. Currently, the set of tools and methodologies, combining the satellite data with the design and use of models, are facilitating, enriching and supporting decision-making. Digital intelligence is paving the transition from sources of data to the creation of social or economic value. At present, digital intelligence is playing a vital link in connecting the geospatial technologies that generate data and true value creation for organizations.

The purpose of the symposium is to provide an excellent platform and opportunity for Remote Sensing and GIS professionals, Earth-observation service sector companies, policy-makers, entrepreneurs, researchers and students to exchange their research ideas and knowledge base, discuss the benefits for society and public/private sector interactions, formulation and implementation of policies, and discuss/debate on emerging issues and challenges.



CALL FOR PAPERS & ABSTRACT SUBMISSION



Original unpublished research papers, covering one or more sub-themes are invited for presentation. Authors may submit extended abstracts within 1000 words (a picture/figure will be considered 200 words) in the prescribed format online through the symposium website. The last date for abstract submission is Nov 20, 2024. The extended Abstract volume of the symposium shall be brought out in digital form. The selected paper's Extended Abstract will be invited for publication in the issue of the Journal of ISRS (JISRS) and Journal of Geomatics (JoG) after the peer-review process. The selection and invitation for full paper submission for JISRS and JoG will be made based on the evaluation in the symposium. The author must submit the extended abstract as per the guidelines given on the respective journal websites.



BEST PAPER / POSTER AWARDS



The best papers & posters in both student as well as general categories will be awarded from the papers/posters presented in the symposium.



500+
Participants



100+
Organizations



500+ Sqm
Exhibition Space



4+
Key



20+
Sessions



15+
Networking
Hours

ABOUT THE PROGRAMME

The registration of participants and dissemination of the information will be carried out through a dedicated website of ISRS (www.isrslucknow2024.com) There will be sessions for various activities, viz., Inaugural Sessions, Plenary Sessions, Invited/Lead Talks, Theme-wise parallel Oral Sessions, Theme-wise poster Sessions etc. The programme will provide a unique opportunity for exhibitors to showcase their innovations and upcoming trends in geospatial and allied industries as well as to carry out networking with dignitaries and delegates.

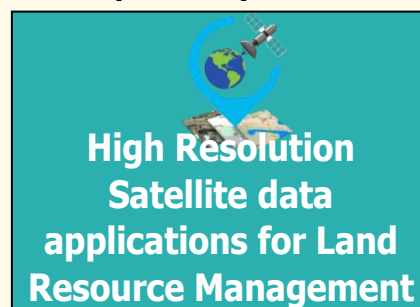
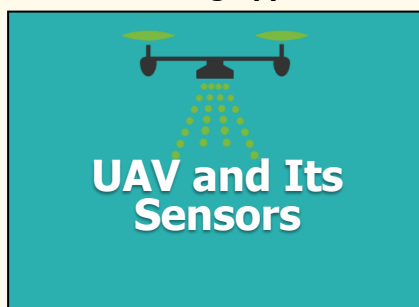
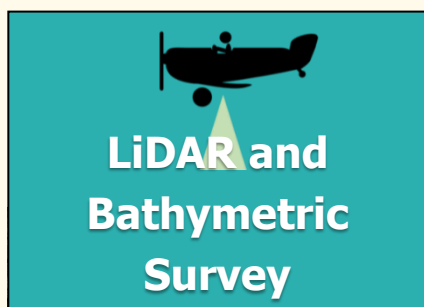
MAJOR SUB-THEMES

The main theme of this National Symposium is **"Remote Sensing for Sustainable Future: A Roadmap towards Viksit Bharat"**. Some of the major sub-themes are as follows:

- Agriculture, Soil, Water and Forest Resources management
- Decision support systems for e-governance
- Data Science, Artificial Intelligence and Machine Learning
- Start-up and Innovative geospatial technology
- Disaster Risk and Climate Resilience
- Current and Future Satellite Missions for Environment Watch
- Sensor Technologies and Data Processing (UAV, LiDAR, SAR, etc.)
- Astronomy and Planetary Remote Sensing
- Satellite Meteorology, Oceanography and Blue Economy
- GNSS systems and applications
- Remote Sensing Applications for Central/State/Departments sponsor's project
- Atal Mission, PM Gati Shakti Yojna, Amrit Mission, health Mission, Namami Gange, NHAI, Agriculture, Forest, Earth Science, Soil, Water Resources, Infrastructure, Urban, Rural, Cadastral Map, Ground Water etc.

PRE-SYMPOSIUM TUTORIAL (DEC 09-10, 2024)

To be conducted at Remote Sensing Applications Centre- UP (RSAC-UP)



ANNUAL CONVENTION WITH UNIQUE ATTRACTIONS

Apart from paper presentations, several other professionally significant events are also lined up like the annual awards ceremony, Vikram Sarabhai Memorial Lecture, ISG Millennium Lecture, lead talks & plenary lectures by eminent experts, annual general body meetings of ISRS & ISG, etc. Besides technical presentations, other interesting features such as tours, exhibits, a cultural show, etc. will make the event an enriching, memorable and different experience for the participants.

REGISTRATION FEE

	Early Bird Up to 20th Nov, 2024	Up to 30th Nov, 2024	On Spot Registration
ISRS/ISG Life members	Rs. 6500	Rs. 7500	Rs. 8000
Non-ISRS/ISG members (Government/Academia/ Non-Industry)	Rs. 7500	Rs. 8500	Rs. 9000
Non-ISRS/ISG members (Industry)	Rs. 8500	Rs. 9500	Rs. 10000
Students* & Senior Citizens	Rs. 4500	Rs. 5500	Rs. 6000
Students* & Senior Citizens (ISRS/ISG members)	Rs. 3500	Rs. 4500	Rs. 5000
Pre-symposium Tutorials**	Rs. 2500	Rs. 3000	Rs. 3500

*Students must produce their valid ID card at the registration desk, else they will have to register with Rs. 6500.

** Participants interested in registering for both pre-symposium tutorial(s) and symposium are entitled to a discount of Rs. 1000/- on the total amount of fee paid for both events together.

Payment

The payment gateway will be available on the symposium website. For other modes of payment, the required information will be provided on the symposium website. The organizing Secretary may also be contacted if required.

ONLINE REGISTRATION

Interested participants may register online at the symposium website www.isrslucknow2024.com on or before Nov 20, 2024 (early bird registration). Details regarding the online links for various sessions will be made available soon on the symposium website. The operating language of the symposium is English.

About ISRS



Indian Society of Remote Sensing (ISRS) was established in 1969 with the main objective of advancement and dissemination of remote sensing technology in the fields of mapping, planning and management of natural resources and the environment by organizing seminars/symposiums and by publishing monthly journal (JISRS), bulletins, proceedings, books, etc. Starting with 56 members, the society has now grown into a premier professional body with a membership of over 5910 members. Currently, ISRS is a member of the International Society of Photogrammetry and Remote Sensing (ISPRS) and the Asian Association on Remote Sensing (AARS).

About ISG



Indian Society of Geomatics (ISG), established in 1993, is a premier society of professionals and institutions involved in promoting and popularizing Geomatics in India. It has about 2250 Life Members, 25 active chapters, 34 Patron members and 3 Sustaining Members. The ISG was formed by a group of professionals from government, academia, and industry with the main objective of promoting the technology and applications of Geomatics so that it becomes an important part of the information management and decision-making processes. Apart from its Newsletter, ISG also has its scientific journal, "Journal of Geomatics", which started in the year 2007.

About RSAC-UP



Uttar Pradesh was the first and foremost state in the country to establish the first state Remote Sensing Applications Centre, Uttar Pradesh (RSAC-UP) in May 1982 at Lucknow. RSAC-UP has been utilizing the geospatial technologies of satellite remote sensing, Image Processing, GIS, GPS, LiDAR, Bathymetry, and Customized Software Development using AI, ML, DL & AL methods in conjunction with geophysical surveys, soil and water testing techniques for assessment, monitoring, utilization and management of various natural resources of the state to achieve sustainable development.

About AKTU-UP



Dr. A.P.J. Abdul Kalam Technical University (AKTU), before 2015 known as the Uttar Pradesh Technical University (UPTU), is a public collegiate university in Lucknow, Uttar Pradesh, India. It was established as the Uttar Pradesh Technical University through the Government of Uttar Pradesh on 8 May 2000. The university offers undergraduate courses in engineering, architecture, hotel management and catering technology, fashion and apparel design, and pharmacy. These lead to degrees of B.Tech, B.Arch, BHMCT, BFAD, and B.Pharm respectively. The university offers postgraduate courses in computer applications and business administration leading to degrees of MCA, MBA and MBA (Rural Development)

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- **Prof. Dhruv Sen Singh**, Lucknow University
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- **Prof. Samsher**, Vice-Chancellor, HBTU Kanpur
- **Dr. Ajit Kumar Shasany**, Director, NBRI Lucknow
- **Prof. Rameswar Bali**, Lucknow University.
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- **Dr. Nikhil Lele**, Treasurer, ISG

Convener

Prof. B.N. Mishra, Dean, Innovation and Social Entrepreneurship, AKTU, Lucknow

Dr. Anuj Kumar Sharma, Associate Dean, Innovation and Social Entrepreneurship, AKTU, Lucknow

Organizing Secretary

Dr. M.S. Yadav, Scientist – 'SE' & Head, SRD, RSAC-UP and Secretary ISRS-Lucknow Chapter

Important Dates

Registration Opening on
Sep 10, 2024

Last Date for Abstract Submission
Nov 20, 2024

Intimation of Acceptance of
abstracts: **Nov 25, 2024**

Last Date for Online Registration
Nov 30, 2024

Submit abstract at www.isrslucknow2024.com

New Entrant - I-CON Awards

ISRS I-CON is an innovation contest for geospatial technology enthusiasts. It is initiated by the Indian Society of Remote Sensing (ISRS) to encourage students, research scholars and professionals to promote the development and dissemination of open source-based innovative solutions in the field of remote sensing and spatial information technology. Submit a nomination at www.isrslucknow2024.com

Initiated and sponsored by



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Sponsors and exhibitors will benefit from this unique online exposure to eminent delegates & decision-makers involved in the broad field of remote sensing. For further information and discussions regarding sponsorship & exhibition opportunities, please contact: isrslucknow2024@gmail.com

THE CITY OF LUCKNOW

Lucknow is the capital and the largest city of the Indian state of Uttar Pradesh. It has always been a multicultural city that flourished as a North Indian cultural and artistic hub and the seat of power of Nawabs in the 18th and 19th centuries. It continues to be an important Centre of governance, administration, education, commerce, aerospace, information technology, design, culture, tourism, music, and poetry. Lucknow, along with Agra and Varanasi, is in the Uttar Pradesh Heritage Arc, a chain of survey triangulations created by the Government of Uttar Pradesh to boost tourism in the state.

CONTACTS

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