



## Indian Institute of Remote Sensing

Indian Institute of Remote Sensing (IIRS) is a constituent Unit of Indian Space Research Organisation (ISRO), Department of Space (DoS), Govt. of India (GoI). The training and education programmes of the Institute are designed to meet the requirements of professionals at various working levels, fresh graduates, researchers, academia, and decision makers. About 40 courses are conducted every year and 12,428 professionals and students have been trained/ educated so far. IIRS also organises on-demand tailor-made short courses.

To widen its outreach, IIRS has started live and interactive distance learning programme (DLP) since 2007. As on date, 1040+ Universities/ Colleges and other organizations are networked with IIRS and about 1.18 lakh participants have attended various basic and advanced courses conducted so far. IIRS has also launched e-learning courses on Remote Sensing and Geo-information Science since August, 2014. E-learning content for various Remote Sensing and GIS applications are developed and will be launched soon.

The Institute has a strong, multi-disciplinary and solution-oriented research agenda that focuses on developing improved methods/ techniques for processing, visualization and dissemination of EO data & geo-information for various societal applications and better understanding of the Earth's system processes. Data processing and applications of emerging remote sensing sensors (such as microwave, hyperspectral, LiDAR and high-resolution EO sensors) are presently the main research focus. The state-of-art laboratory and field-based instrumentation and observatories network help meeting the research goals and objectives.

IIRS hosts headquarters of Centre for Space Science and Technology Education in Asia and the Pacific (CSSTEAP), affiliated to the United Nations, and provides support in conducting the Remote Sensing and GIS training & education programmes.

## Objectives of the Meet

To remain in the forefront for capacity building in Remote Sensing, Geoinformatics and their applications, constant dialogue with the users/stakeholders is of paramount importance. Considering this, IIRS Academia Meet (IAM-2020) is being organized at Dehradun on March 03, 2020 with the following main objectives:

- Synergise the geospatial technology and applications driven knowledge transfer among Government Institutions, Academia and Industry for national development,
- Appraise the user ministries/stakeholder departments and geospatial community on Emerging remote sensing technologies and their applications vis-à-vis role of IIRS in capacity building and research,
- Understand and explore new opportunities with user organisations in government, non-government and private sectors on the capacity building requirements,
- Interact with Academic Institutes and partners of IIRS Outreach Programme for its enhancement, and
- Interface with geospatial industry on the current and future requirements and explore the placement opportunities for IIRS students and collaborative research.

The Meet will provide a platform to share the experiences of user ministries/stakeholders, geospatial community, and the IIRS faculty and to explore the potential areas for capacity building and joint research. The IAM-2020 is focusing on "Capacity Building in Emerging Remote Sensing Technologies: Requirements and Opportunities".

The academia has been very strong partner with IIRS for conducting the advanced research, providing opportunities to IIRS faculty and students for academic degrees and building nationwide network of IIRS Outreach programme. IAM-2020 will provide a forum to further expand the IIRS Outreach programme, interaction towards RESPOND programme and also to assess the current status of geospatial education in India. The meet will provide opportunity to the students to interact with industry.

## Technical Programme

The programme includes deliberations on emerging remote sensing technologies and their applications, requirements of user organizations (government, non-government and private sectors), issues of capacity building, industry requirements, placement opportunities, and feedback on IIRS capacity building and research programmes. IAM-2020 will have presentations by IIRS/ISRO, academia, industry, user organisations and focused interaction.

## Exhibition

An exhibition will be organised during the meet for the benefit of user ministries/ stakeholder departments, academia, students and industry to showcase training & education opportunities at IIRS and current research initiatives & outputs of IIRS faculty and students. It will also showcase the major initiatives of ISRO in terms of Earth and Planetary Observation missions, flagship application projects and programmes undertaken in partnership with Central and State government departments/ ministries, and various space-based products and services made available to society.

## Participation

The participation is invited from Central and State government ministries/departments including autonomous bodies, Academia, Geospatial industry, NGOs, Partner institutions of IIRS distance learning programme, and IIRS alumni.

## Accommodation & Travel

Limited hostel accommodation is available at IIRS and in nearby government organizations, which will be allotted as per the availability on payment basis. Participants willing to stay in hotels may book on their own. Participants are also requested to arrange their travel.





## IIRS ACADEMIA MEET

March 03, 2020



### About Dehradun

Dehradun, the capital city of the State of Uttarakhand, is located at a distance of about 260 km by road from Delhi and is well-connected by air, rail and road. The city is famous for its picturesque landscape, pleasant climate, high-quality school education, and presence of several scientific organizations of national and international repute. Weather during March is pleasant with temperature range of 14-29°C. Participants are advised to carry light woolen clothes. Places of religious and tourist importance, such as Haridwar, Rishikesh, Mussoorie, etc. are located in the vicinity of Dehradun.

### Venue

Indian Institute of Remote Sensing (IIRS)  
Indian Space Research Organisation (ISRO)  
4, Kalidas Road,  
Dehra Dun-248 001,  
Uttarakhand, INDIA

### Registration

There is no registration fee. Aspiring participants are requested to register online through IIRS website (<https://iam.iirs.gov.in>) by February 17, 2020. For providing equal opportunities to all organisations/ institutions the registrations may be limited to one/two persons per organisation.

For further details, please contact:

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Capacity Building  
in  
Emerging Remote Sensing  
Technologies:  
Requirements and Opportunities

## IAM-2020



Organised by  
Indian Institute of Remote Sensing  
Indian Space Research Organisation  
Dept. of Space, Govt. of India  
Dehradun-248 001  
[www.iirs.gov.in](http://www.iirs.gov.in)

