IIRS Outreach Programme

The IIRS outreach programme, which started in 2007 with 12 universities/ institutions has now grown substantially.. The beneficiaries of the programme may include:

- Central & State Government Organisations / Departments
- Central/State/Private Universities & Academic Institutions
- Research Institutes
- Geospatial Industries
- Professionals
- NGOs

Feedback Mechanism

IIRS has conducted workshops and sessions during IIRS User Interaction Meet to take feedback from participating institutions to improve the quality of future courses.

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IIRS Outreach programme feedback session during IIRS User Interaction Meet

Awards

IIRS has received national awards for excellence in training for outreach and e-learning programme during 1st National Symposium on Excellence in Training conducted during April 11-12, 2015 in New Delhi by Department of Personnel & Training (DoPT), Govt. of India in collaboration with United Nations Development Programme (UNDP).

About IIRS

Indian Institute of Remote Sensing (IIRS) under Indian Space Research Organisation (ISRO), Department of Space, Govt. of India is a premier Training and Educational Institute set up for developing trained professionals in the field of Remote Sensing, Geoinformatics and GNSS Technology for Natural Resources, Environmental and Disaster Management. Formerly known as Indian Photo-interpretation Institute (IPI), founded in 1966, the Institute boasts to be the first of its kind in entire South-East Asia. While nurturing its primary endeavour to build capacity among the user community by training mid-career professionals, the Institute has enhanced its capability and evolved many training and education programmes that are tuned to meet the requirements of various target groups, ranging from fresh graduates to policy makers including academia.

IIRS also conducts e-learning programme on Remote Sensing and Geoinformation Science (*http://elearning.iirs.gov.in*).

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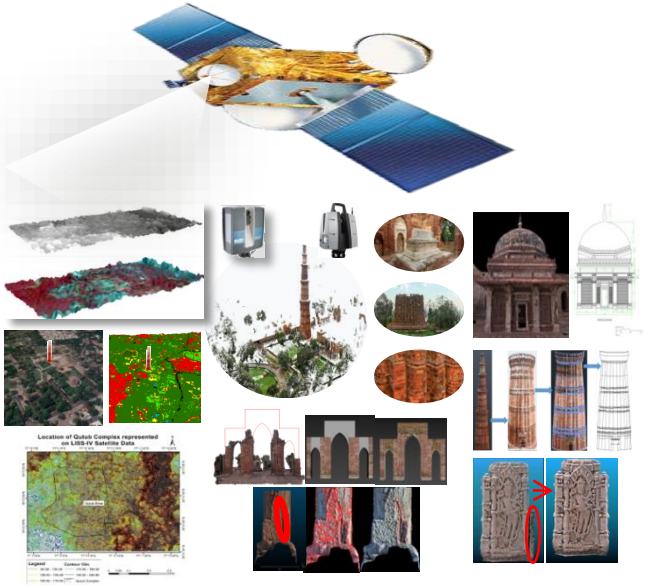

Geospatial Technology for Archaeological Studies

May 17-21, 2021

Organised by

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

www.iirs.gov.in

About the Course

Geospatial technologies undeniably play a significant role in understanding and preserving archaeological histories. It has been widely used for archaeological studies since past few decades. Archaeology refers to the study of spatial dimension of human behaviour over time. This suggests that archaeology always has a geospatial component to it. Geospatial technologies can be used for many purposes, such as historical documentation, digital preservation and conservation, cross-comparisons, monitoring of shape and colors, simulation of aging and deterioration, virtual reality/computer graphics applications of archaeology sites.

We invite you to attend this training program on Geospatial Technology for Archaeological Studies. The course is scheduled from May 17-21, 2021.

Course Contents

- Geospatial Technology for Archeology: Tools and Techniques
- Space based remote sensing for archeological studies
- Ground based geospatial techniques for archeological/heritage studies
- Documentation of cultural heritage sites: Case examples
- Low altitude systems for archeological investigations
- Microwave Remote sensing for archeological studies: Space and Ground based
- Demonstration on Terrestrial Laser Scanner
- Space based studies for Landscape Archeology
- Advanced image processing based damage assessment of cultural heritage monuments

Expected Outcome

At the end of this course participant are expected to have a comprehensive understanding of current trends in geospatial techniques for archeological/heritage studies

Target Participants

The course is designed for students from various central/state universities, academician, Scientists, Researchers and Professionals who are involved in processing of different geospatial data for archeological applications.

Course Study Material

Course study materials like lecture slides, video recorded lectures, open source software & handouts of demonstrations, etc. will be made available through IIRS eclass(https://eclass.iirs.gov.in/). Video lectures will also be uploaded on YouTube Channel (http://www.youtube.com/user/edusat2004).

Course Fee

There is no course fee for attending this programme.

Course Registration

Course updates and other details will be available on URL- http://www.iirs.gov.in/Edusat-News/. All the participants has to register online through registration page available on above web page.

Award of Certificate

Working Professionals & Students: Based on 70% attendance & 40% score in online examination.

Pre-requisites:

- Understanding of Basic concepts of Remote Sensing and GIS

Course Funding & Technical Support

The programme is sponsored by National Natural Resources Management System – Standing Committee on Training and Education (SC-T), Indian Space Research Organisation, Department of Space, Government of India and is conducted with due technical support from Amrita Virtual Interactive E-learning World (A-VIEW).

Programme Reception

Programme can be received through e-class platform of IIRS-ISRO using internet connectivity. No specific hardware/software required. However ,it is recommended good internet connectivity at user end. To run the programme in classroom, following hardware will be required:

- Desktop computer with web camera microphone and output speakers or laptop with microphone camera and output speaker.
- Large display screen/projector/TV.

Important links

•Courses updates and other details will be available on URL – https://www.iirs.gov.in/EDUSAT-News

•To participate in this programme the interested organisations/universities/departments/institutes have to identify coordinator at their end. The identified coordinator will register online his/her institute as nodal centre in IIRS website (https://elearning.iirs.gov.in/edusatregistration/coordinator)

•All the participants have to register online through registration page by selecting his/her organization as nodal centre.
https://elearning.iirs.gov.in/edusatregistration/student

There are limited number of seats.
Registration will be done on first come first serve basis