

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:

- Urban Planning Bodies/ Agencies in India
- Civil Engineers
- Architects and other Planning Professionals
- Central/State/Private Universities & Academic Institutions
- Central & State Government Organisations / Departments
- Research Institutes
- Geospatial Industries
- 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.



IIRS Outreach programme feedback session during IIRS Academia Meet (IAM)-2019

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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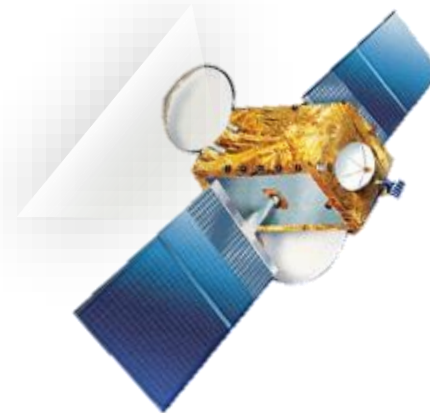
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Fifty sixth IIRS Outreach Programme



RS and GIS in Urban and Regional Planning

December 9-20, 2019



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

The Indian cities are experiencing rapid growth with share of country's urban population increasing from 27% in 2001 to 32% in 2011. Majority of this growth has taken place in an unplanned and haphazard manner, the ill-effects of which are manifested in the form of poor quality of urban life. In order to ensure a planned development, the Govt. of India has launched the Atal Mission for Rejuvenation and Urban Transformation (AMRUT) Mission, Smart city mission which place increased emphasis on application of remote sensing and GIS in urban planning and master plan formulation...

We invite you to attend this training program on remote sensing and GIS application in urban and regional planning. The course is scheduled from December 9-20, 2019..

Course Contents

Overview of Geospatial Technology

- Familiarization with remote sensing data sets
- Identification and interpretation of urban features
- GIS based analysis and modeling
- Map Projections and Mobile Apps

Application of Remote sensing and GIS in urban and regional planning

- Urban infrastructure
- Urban disasters
- Urban sprawl studies
- Urban micro climate studies
- Urban Heritage studies
- 3D city modelling
- Urban green space
- Smart city and AMRUT: Mission guidelines

Target Participants

The course is designed for Professionals engaged in Urban & Regional Planning, students & researchers of Urban & Regional Planning, Geography, Environmental studies, Civil Engineering, Architecture, etc.

The course participants have to be duly sponsored by their university/ institution and application should be forwarded through coordinators from respective Organisations/ Centres. Users attending programmes under CEC-UGC/ CIET/ other networks can also participate. Institutions on high speed National Knowledge Network (NKN) can also participate.

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 ftp link. 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.

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 Internet connectivity of 2Mbps or better. Following hardware and software set-up is required at user end:

Hardware Requirements :

- High-end Computer/Laptop (Windows OS);
- Good quality web camera;
- Headphone with Microphone;
- Speakers;
- Large Display Screen (Projector or TV) .

Software and Internet Requirements

- IIRS Learning Management System.(Internet Based platform)

Connectivity & Other configurations:

- NKN or any other high speed internet facility (preferably without firewall, with minimum of 2 Mbps bandwidth).

Note: Institutions/ Universities have to bear total expenses for establishment of the classroom facility.

Award of Certificate

Working Professionals: Based on 70% attendance and submission of assignments.

Students: Based on 70% attendance and online examination.