

## IIRS Outreach Programme

The IIRS outreach programme, which was started in 2007 with 12 Universities/ Institutions has now grown substantially to 2900+. The beneficiaries of the programme may include:

- Urban and Regional Planners
- Urban and Regional Planning departments, Civil Engineering department, Architecture department, Geography department in Central/State/Private Universities & Academic Institutions
- Central & State Government 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.



Feedback session during IIRS Academia Meet (IAM)-2020

## Awards and Appreciation

IIRS has received national awards for excellence in training for outreach and e-learning programme during 1<sup>st</sup> 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 Geo-information Science (<http://elearning.iirs.gov.in>).

## Contact Details

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### IIRS DLP Team

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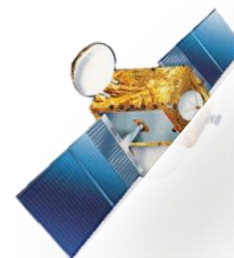
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## Ninety Two IIRS Outreach Programme



## Geospatial Inputs for Enabling Master Plan Formulation under AMRUT Sub-scheme

October 11 - 15, 2021



Organised by

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

[www.iirs.gov.in](http://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 which has a sub-scheme on 'Formulation of GIS Based Master Plan for AMRUT cities'. IIRS along with Town and Country Planning Organisation (TCPO), Ministry of Housing and Urban Affairs (MoHUA), GoI has developed the contents of the course for capacity building of personnel involved in the sub-scheme.

We invite you to attend this training program on Geospatial modelling and applications for urban and regional areas. The course is scheduled from October 11-15, 2021. The course will contain five lectures (each of one and half hour duration).

IIRS has successfully conducted 86 such courses so far with 70,108 participants from 2900+ Institutions/Universities (as of September 20, 2021) spread across India.

## Course Contents

### Atal Mission for Rejuvenation and Urban Transformation (AMRUT) scheme

- Programme overview, scope and coverage
- Project execution and deliverables

### 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

### Survey Techniques and Navigation Systems

- Survey techniques
- Navigation systems

### Enabling GIS Based Master Plan

- Design & standards for formulation of GIS based Master Plan for AMRUT Cities
- Maps creation based on AMRUT standards

### Overview of Geospatial data collection, usage and data sharing policies in India

## 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.

## Course Study Material

Course study materials like lecture slides, video recorded lectures, open source software & handouts of demonstrations, etc. will be made available through e-class. Video lectures will also be uploaded on e-class (<https://www.eclass.iirs.gov.in/login>).

## Course Fee

There is no course fee.

## 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 IIRS, Indian Space Research Organisation, Department of Space, Government of India, Dehradun

## Programme Reception

- Individuals can attend the course live via any web browser through the e-class portal of IIRS, Dehradun i.e. <https://eclass.iirs.gov.in>
- The participants can also attend the live workshop via the YouTube channel of IIRS i.e. <https://www.youtube.com/user/edusat2004>
- The content of the workshop will be available offline after 24 hours in the e-class portal.

## Award of Certificate

- All the participants who attend 70% sessions of the course live via e-class portal.
- The participants who attend the course sessions via IIRS YouTube channel should mark their attendance via offline session available after 24 hrs.