

## Keynote

In India's recent journey of sustainable economic growth, knowledge has been identified as one of the key drivers. In this odyssey, India has adopted a new information regime through its 'Digital India' program to support good governance, sustainable development goals and empowerment of its citizens. The challenges of this developmental path are inclusiveness, transparency, efficiency and productivity while balancing economic growth and sustainable development. Over the last three decades, geospatial technologies have proven to be an effective enabler to meet these challenges. In India's evolving geospatial ecosystem, the current focus is on improving the public access in the provision of geospatial data and information through institutional strengthening for enhancing the performance of organizations. In this context, developing technical capacity at the individual level, remains the key factor for the success of this change process. Recognizing the above needs, the goal of the International Institute of Geospatial Science & Technology (IIGST), a constituent unit of SAIARD has taken this initiative to develop national capacity for geospatial science and technology development through diverse programs in collaboration with various partner organizations working on that fields.

## Objectives

Promotion of R&D in emerging areas of geospatial science and technology. Development of geospatial solutions for sustainable socio-economic growth as well as Sustainable Development Goals (SDGs). Build knowledge and adaptation capacity of geospatial technologies at various levels of governance in collaboration with academia and user agencies. Capacity building in teaching, research, development and use of geospatial technologies. Promote the use of open source geospatial technologies. To encourage and nurture innovation among the youth of our country through the Geo Innovation Challenge and Promote networking of government, academic, research and industrial organizations.

## Target Audiences

College and University Faculties, Research Scholars, Students, Govt. officials, Industry/Corporate.

## The main features of this course

Structured curriculum with a tentative program schedule.

## The course curriculum followed

Theory, practical (hands-on training) with various geospatial software, interactive sessions with experts and project work. Tutorials with data teaching and learning resources

## Knowledge Support

Areas to be covered are:

- Knowledge about basic Cartography & GIS-RS software
- Hands-on training on GIS & RS
- Thematic Mapping Build-up
- Image Classification
- Google earth engine
- Work with free High resolution Data
- Application of Python in GIS
- Statistical Data Modeling
- Application of Geospatial Technology in various fields

## Resource Persons from

IIGST, Govt. officials & industry personnel

## Class Timing

6.00 – 8.00 PM (IST)  
(Each Saturday & Sunday)

## Course Contents & Application Link

<https://bit.ly/3mcYAnn>

## Course fees

4999/- (INR)

## Bank Details

Bank- SBI  
Account No- 38377901244  
IFSC Code- SBIN0016629  
Beneficiary Name- IIGST-SAIARD

**E-Certificate** will be provided on behalf of IIGST

## For any queries

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Website: [www.iigst.in](http://www.iigst.in)



## 6 Months Professional Certificate Course (Online)

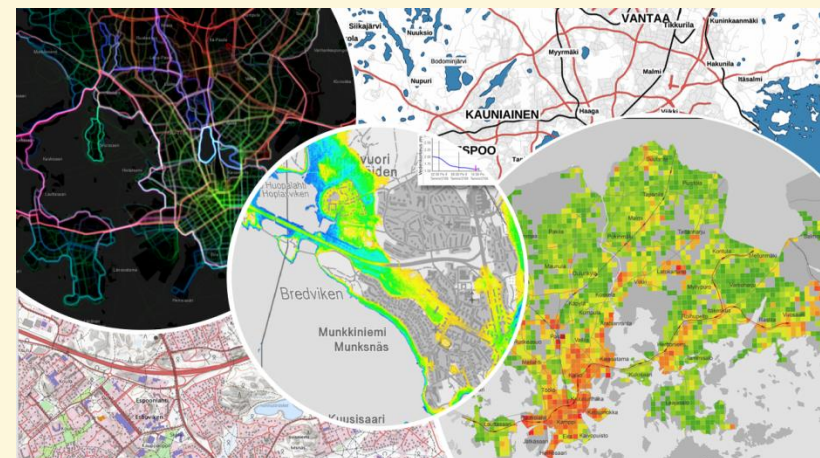
in

## APPLIED GEOINFORMATICS

Offered by

## International Institute of Geospatial Science & Technology (IIGST)

(A Constituent unit of SAIARD & Authorised Collaborative Institution and CCPTTR Centre of Maulana Abul Kalam Azad University of Technology (MAKAUT), Govt. of West Bengal)



Starting from

**4<sup>th</sup> September, 2022**  
**@ 6.00 PM (IST)**