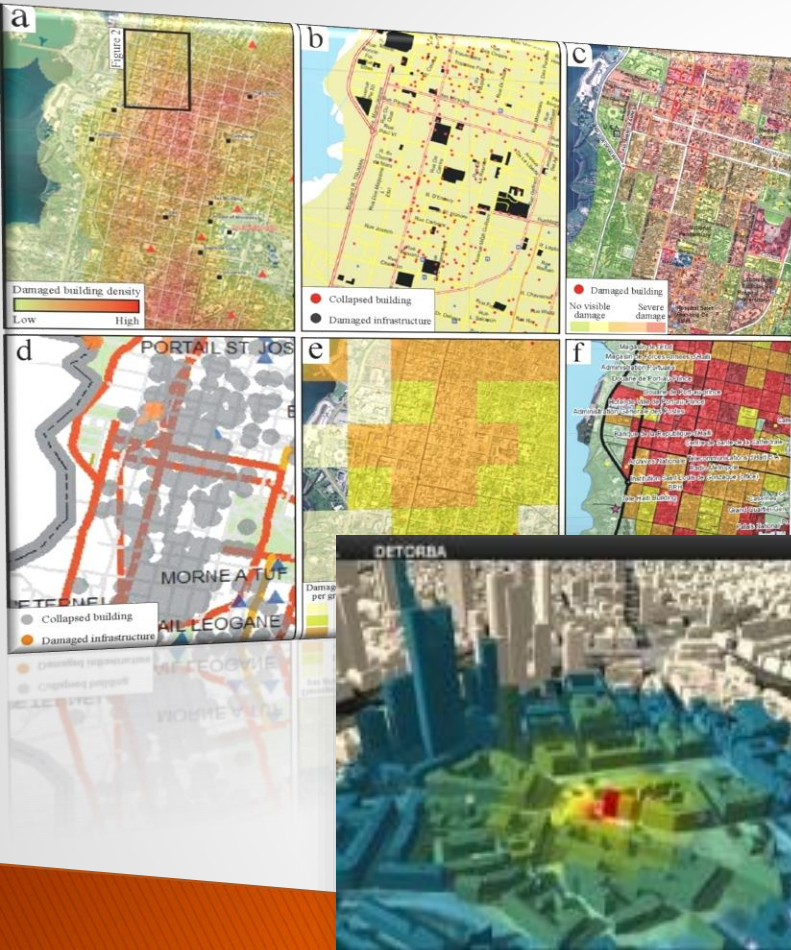


# 6 Months Online PG Diploma Course on

# Advanced Geoinformatics



**Organised by**  
**International Institute of Geospatial Science & Technology (IIGST)**

## COURSE INTRODUCTION

This course introduces the hardware and software components of Geographic Information Systems and reviews GIS applications. Topics include data structures and basic functions, methods of data capture and sources of data, and the nature and characteristics of spatial data and objects. Upon completion, students should be able to identify GIS hardware components, typical operations, products/applications, and differences between database models and between raster and vector systems.

## LEARNING OUTCOMES

*Upon completion of this course, the student will be able to:*

- a. Define GIS
- b. Use GIS to identify, explore, understand, and solve spatial problems
- c. Demonstrate GIS modeling skills
- d. Demonstrate critical thinking skills in solving geospatial problems.
- e. Design and implement a GIS project
- f. Demonstrate competency with the GIS software to enhance and interpret data
- g. Use queries in GIS Analysis Formulate applications of GIS

## MAJOR /BROAD AREAS TO BE COVERED

- Fundamentals of Remote Sensing
- Remote Sensing and Image Interpretation
- Fundamentals of Geographic Information System and GPS
- Advanced Geospatial Analysis and Application
- Project

*\*\* Registered candidates will get the full syllabus after their enrolment*

**Course Name:** 6 months PGD course on **Advanced Geoinformatics**

**Type of Class:** Theory & Practical (Hands-on Training)

**Course Fees:** 12000/- (Installment-7000 during admission + 5700 within 45 days)

**Mode of Class:** Online

**Software Exposure:** MS-Access, Google Earth Pro, QGIS, GRASS GIS, SAGA GIS, ArcGIS Online, GeoDa, SNAP, Whitebox GAT

**Class Sessions and Timing:** Saturday & Sunday (2.30 - 5.00 p.m.)

**Total Course Hours:** 120 Hrs.

**Total Course Credit:** 08

**Target Audiences:** Students/Faculties in any University/College/Research Institution/Officials

**Min. Eligibility:** 10+2

**Special Criteria:** Hands-on Training, Industry Exposure, Uses of Application of Versatile Softwares

**Classes will Commence From:** 5<sup>th</sup> June 2021



### **Bank Details:**

*Just scan the QR code & pay or pay in the given bank account*

**Bank-** SBI

**Account No-** 38377901244

**IFSC Code-** SBIN0016629

**Beneficiary Name-** SAIARD

**\*\* Only Indians are eligible to apply**

### **Application Link**

**<https://cutt.ly/ObHk6kj>**

### **For any queries**

**+91-6289169916, +91-9836240482**

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

**Email: [iigstkolkata@gmail.com](mailto:iigstkolkata@gmail.com)**

