



**One Year Post Graduate Diploma in
GEOINFORMATICS
&
One Year Post Graduate Diploma in
DISASTER MANAGEMENT &
GEOINFORMATICS**



Conducted at

International Institute of Geospatial Science & Technology (IIGST)

87/210, Raja S.C. Mallick Road, Kolkata- 700047

Email: iigstkolkata@gmail.com; WhatsApp/Call: 6289169916 / 8617708435 ;

Website: www.iigst.in

In collaboration with the

Centre for Collaborative Program, Training & Research (CCPTR)

Maulana Abul Kalam Azad University of Technology (MAKAUT), West Bengal

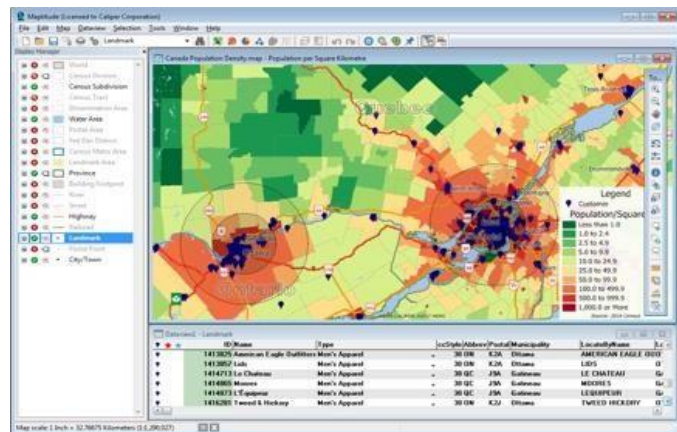


Course outline

Now days India has passing through a phase of cognitive development. To meet the need of Global Excellency in every aspect is the major challenge of this country and to cope up this need, from primary to quinary, every sector needs a revolution i.e. Digital Revolution. Hopefully, India has caught the line of change and has transformed herself into the new Digital Era by adopted a new information regime through its 'Digital India' program to support good governance, sustainable development goals empowerment its citizens. In that case, since the last three decades, Geospatial technology possesses an important role to cater these types of situations. Now days, India is also evolving its own Geospatial Ecosystem and the basic purpose of it is to improve the provision of geospatial data and information into the public domains as well as to strengthen the institutional capacity by enhancing the performance of the organizations. In this context, developing and improving the technical capacity at the individual level, remains as the key factor for the success of this change. Hence, addressing these issues IIGST has taken an initiative to execute different Capacity Building Programmes through short term certificate/ PG Diploma courses on Application of Geospatial Technology for both the academicians and Govt./Non-Govt. officials to enhance their capability in that particular field.

Scope and Objectives

The expanded utilization of GIS innovation in various industries has enhanced the range of opportunities for work in GIS and Remote Sensing. Each zone right from rocket and drones to the urban planning, e-administration, remote sensing and even advertising industry depend on geospatial data. The abilities required to be a productive GIS skilled person advanced throughout the years. Apart from the civil engineering stream, it can similarly be taken up by the students of different subjects, particularly geography and geology, as a specialization.



There is a wide range of job and career in GIS, both in India and abroad. Along these lines, applicants from a wide variety of expert and instructive foundations (e.g., Topography, Urban Planning, Cartography, Engineering, Computer Science, etc.) seek to be efficient GIS experts.

Job Positions

GIS and Remote Sensing experts can get hired at different levels in positions like GIS Mapping Technician, GIS Data Specialist/Scientist, GIS Business Analyst, GIS Operator, Geospatial Software Engineer, GIS Application Specialist, GIS Engineer, GIS Programmer, GIS Consultant, and GIS Technical Assistant.

Organizations in India that require GIS experts

- Indian Space Research Organization
- National Remote Sensing Centre
- Indian Council of Agriculture Research
- Space Application Centres and Aviation



- Urban Development Authorities and Municipalities
- Watershed and Wetland Management
- Forest Survey of India
- Geological Survey of India
- Survey of India
- Department of Science and Technology
- Ministry of Defence
- Ministry of Environment
- National Spatial Data Infrastructure
- Indian Institute of Remote Sensing
- Indian Agricultural Research Institute
- Agricultural Department and Irrigation Department
- National Informatics Centre
- North Eastern Space Applications Centre
- Meteorological Department
- Mining, Soil Conservation, Land Degradation and Ground Water Management
- Natural Resource Management
- India Meteorological Department etc.

Minimum Eligibility Criteria

Graduates from any recognized University / Institute specially the graduates of Social Sciences (Economics, Commerce, Management, Geography, Political Science, Sociology, Environmental Science, Statistics), Commerce, Engineering, Mathematics, Architecture & Town Planning or allied disciplines.

Course Curriculum Followed: University Syllabus

Examination: Examination will be held at per the university norms

Course Fees:

- **For one time** - 50000/- + 500/- (Admission Processing fees) = 50500/- (Fifty thousand five hundred only)
- **For Instalment** – 20000/- + 500/- (Admission Processing fees) = 20500/- (At the time of Admission) and 16000/- & 16000/- at three months interval

Class Type: Offline (Theory + Practical)

Class Schedule: 8 Hrs. per week

Internship & Dissertation: Yes

Field Survey: Yes

Classes will be held at: IIGST Centre

Certificate issued: MAKAUT, W.B.



For Details

www.iigst.in



www.iigst.in



Total No of Seats and Class Schedule:

Course Name	Course Code	Available Seats
PG Diploma in Geoinformatics	PGDG	14
PG Diploma in Disaster Management & Geoinformatics	PGDDMG	11

**** No of seats can be increased considering the no of application**

Special Classes

Special Classes will be taken by some renowned Geoinformatics specialists from different Govt. organisations, Industry houses and academic institutions like IIRS, NIIT, DST, NBSS&LUP, NATMO, SkyMap Global, Geomatix, AiDASH etc



ADMISSION PROCEDURE

Steps to follow

- *Pay your course fees in the given Bank Account*
- *Fill up the Google Application Form*
- *Upload the following documents (self attested and original Marksheets, Certificates, Caste Certificates, Aadhar Card & Payment Receipt) in a single PDF File (not more than 5 MB)*
- *Submit your form*
- *After successful registration a confirmation mail will be sent on behalf of IIGST. The applicant must keep this record for their future reference.*
- *Course fees are non-refundable*

**** Classes will commence from July 2022**

Training Support

Training materials for practice.
Real life hands-on training data.
Hands-on assistance during the training.
Learning guide documents.
Live Discussions
Project Handling
24x7 Hrs Support

Resource Persons

From IIGST, Govt. Bodies & Industry Professionals

Mode of Class – Offline

Last Date of Application – 27 June, 2022

(Admission will be held on first cum first serve basis)

Bank Details

Bank- SBI
Beneficiary Name- IIGST - SAIARD
Acc. No- 38377901244
IFSC Code: SBIN0016629

Admission Link

<https://forms.gle/1TeCD21f3XROb1JB9>



About MAKAUT

Maulana Abul Kalam Azad University of Technology (MAKAUT), an UGC & AICTE recognised State Govt. University in West Bengal, formerly known as West Bengal University of Technology (WBUT). Its public state university located in West Bengal and fully funded by the Govt of West Bengal. It was established in 2001 by the West Bengal Legislative Act. The academic program of the university launched in 16th July 2001 following a notification from the Department Of Higher Education Government of West Bengal dated 15th June 2001 through the affiliation of Engineering and Management institutions/colleges. The university is included in section 2F and section 12B of the UGC and is a recipient of the UGC grant. The university changed its name from WBUT to MAKAUT in April 2015. It has 25 departments and centres in seven schools.

About IIGST

International Institute of Geospatial Science and Technology (IIGST)- is a constituent unit of South Asian Institute for Advanced Research and Development (SAIARD), has been formed with a motto to spread the arena of geospatial technology & its applications through education, research, training and capacity building, research, advocacy and innovative ideas through publication, various outreach programmes, collaborations and partnerships for sustainable and cognitive development of this region as well as to provide skill-based education to the students and make them employable and strengthening the hands of both public and private sectors by providing all-round supports in Southeast Asia. As a key player in geospatial field, the academic platforms of IIGST are designed in such a way as that it can meet the requirements of working professionals, academicians, researchers, planners and decision makers.

To widen its outreach, IIGST has taken various initiatives like starting skill based courses on various aspect of Geoinformatics, etc. training and capacity building programmes, conferences etc. both in physical and e-learning mode in collaboration with different academic and non-academic institutions both at national and international level. Along with that as the basic motto of this institution is to support the all round development of our future generations to make them skilled and employable along with that to strengthen the hands of both public and private sectors, so, since its inception, IIGST has taken a community & policy-based based approach through the intervention of this geospatial technology for the betterment of society and humanity.

Associate Industry Partners

