

Government of West Bengal
Department of Science and Technology and Biotechnology
Geoinformatics and Remote Sensing Cell
Bikash Bhavan (4th Floor), Salt Lake, Kolkata-700 091

Admission to
Short Term Course on Advanced Geoinformatics

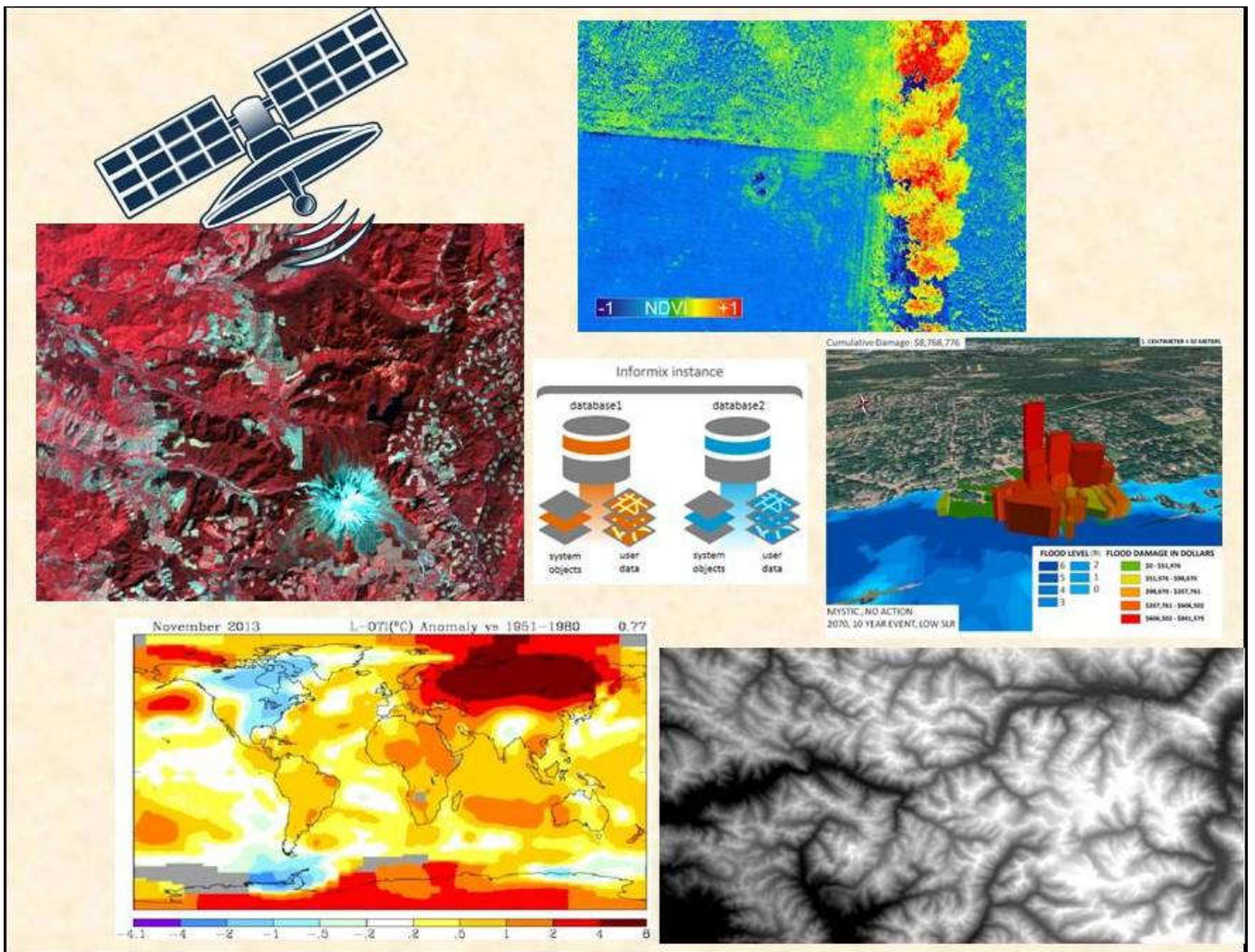
Applications are invited from Government Servants/ Government Sponsored College/ University Faculties duly nominated by his/ her employer for admission to 'Short Term Course on Advanced Geoinformatics to be organised from 19th September, 2022 to 23rd September, 2022. Last date of receiving Application Form 26th August, 2022. A copy of the application is to be sent through email (wbscst.rstrg@gmail.com). Eligibility, Minimum Qualifications and other details are available at Departmental website dstbt.bangla.gov.in



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Short Term Course on Advanced Geoinformatics



Importance of Geoinformatics

In the recent years the application of Geographical Information System (GIS) with input from Remote Sensing (RS) is becoming an essential tool for planners and decision makers. The use of GIS as a tool for integrating several themes on earth surface features, apparently uncorrelated at times, to arrive at a fruitful decision or for creating a model for an would be scenario or visualize “what happens if” situation has been helping decision makers to meet a challenge in solving many problems like flood mapping, rural development, watershed modeling and management, finding drinking water resources, development of new roads in hilly terrain, disaster management, spatial environmental planning, etc.

Geoinformatics and Remote Sensing Cell

Geoinformatics and Remote Sensing Cell, Department of Science and Technology and Biotechnology, Government of West Bengal has established its credential as a pioneering organization in generating RS & GIS database for spatial information in various scales for land, water resources as well as various application areas for developmental planning activities. It has also undertaken several projects at National and State level to meet the needs of the various National level and State level Stakeholders. It has an energetic group of young specialists in the field of Remote Sensing and GIS and also has a large archive of data and satellite imageries. The cell is equipped with adequate number of latest Graphics Workstations, GIS, Image Processing and Photogrammetric software as well as sophisticated GPS instruments.

Short Term Course on Advance Geoinformatics

It has been observed that there is a growing need of application of Remote Sensing and GIS in various fields of study. Keeping that in view Department of Science and Technology and Biotechnology, Government of West Bengal has started offering various courses in Remote Sensing and GIS from the year 2008-09. During September 2022, a ‘**Short Term Course on Advanced Geoinformatics**’ will be organized. The objective of the course is to give an idea about the recent advances of the Geoinformatics and demonstrate its application potentials. **The Course is meant for participants with basic knowledge of Remote Sensing and GIS.** The course will provide knowledge to the professionals of various fields working under different Government Departments/ Organizations to apply these technologies in their respective fields and to facilitate the faculty members from academic institutions to impart better quality teaching on Remote Sensing & GIS at undergraduate, post-graduate and research levels. The course are organized through West Bengal State Council of Science & Technology.

Programme Schedule

19th September, 2022 – 23rd September, 2022.

Course Content

1. Advanced Remote Sensing
2. Advanced Geographic Information System (GIS)
3. Application areas of Geoinformatics
4. Web GIS
5. Google Earth Engine

Course Fee

Nil

Admission procedure

1. A person in service in a Government Department/ Organization utilizing Remote Sensing and GIS or full time teachers from Government Sponsored College/ University teaching Remote Sensing and GIS with a Master's degree in any branch of Science or in Geography / Bachelor's degree in any branch of Engineering or equivalent duly nominated by his/ her employer may be generally considered for admission. However, preference will be given to the full time and permanent employees/ faculties.
2. The selection will be made on the basis of merit depending on qualification and experience or by any other criteria fixed by the Academic Committee before the selection.
3. Advertisement for admission into these courses will be made through two Daily Newspapers.
4. Copy of the advertisement, information brochure and application form may be downloaded from dstbt.bangla.gov.in website. Photocopy of the application form may also be used.
6. Last date of submission of filled in application form duly forwarded by the nominating authority along with self attested photocopies of all the supporting testimonials is 26th August, 2022.
7. In all cases the decision of the competent authority of this Department will be final.
8. In case of large number of applications, effort will be made to accommodate at least one participant from every organization. Nominating organizations are requested to nominate persons in order of preference if more than one person is nominated.
9. Applicants are requested to follow departmental website dstbt.bangla.gov.in regarding selection after 13th September, 2022.
10. No accommodation will be arranged by the DSTBT, Govt. West Bengal for the participants.
11. No TA/DA will be provided to the participants for attending the course.

Sessions & Classes

1. The Course will be conducted from 19th September 2022 to 23rd September 2022.
2. The classes will commence from 11:00 AM and will continue up to 5:00 PM.
3. On successful completion of the course, the participants will be awarded certificates.

The filled in application form may be sent to:

**The Course Co-ordinator,
Training Programmes in Geoinformatics
Department of Science and Technology and Biotechnology
Government of West Bengal
Bikash Bhavan (4th Floor),
Salt Lake, Kolkata 700 091**

Email: wbscst.rstrg@gmail.com

Website: dstbt.bangla.gov.in

Note: Notwithstanding anything expressed in the Advertisement, Information Brochure or in the Application Form, the decision of the competent authority of this Department on all matters of admission will be treated as final.

Last Date for Receipt of Filled-in Application Form: 26.08.2022

**Government of West Bengal
Department of Science and Technology and Biotechnology
Geoinformatics and Remote Sensing Cell
Bikash Bhavan (4th Floor), Salt Lake, Kolkata 700 091**

Application No.
Received on

APPLICATION FORM FOR ADMISSION

**Short Term Course on Advanced Geoinformatics
(19th – 23rd September, 2022)**

1. Name of the Candidate _____

2. Mobile No _____
3. E-mail Id _____
4. Name of Father/ Husband _____

Paste your
passport size
photograph

5. Date of Birth _____ 6. Sex: Male / Female

7. Designation: _____

8. Status of Employment: Permanent Contractual Part-time

9. Name of the Organization with Address _____

City: _____ Pin: _____

Phone: _____

Fax: _____

10. Nature of the Organization: Government / Private / PSU / Others (Specify)

11. Educational Qualifications (Starting from Secondary Examination)

Examination	Council/ University	Year of passing	Subjects	Percentage/ Grade

12. Give Details about:

i. Professional Experience

Sl. No.	Department/ Organisation	Designation	Pay Scale	Duration		Nature of Job
				From	To	

ii. Mathematics Background (upto what level)

iii. Knowledge of computer

(Please mention professional qualification (if any), experience, knowledge of programming languages, software packages etc.)

iv. Previous courses on RS/GIS attended at any other organization

v. Experience of using Remote Sensing & GIS

13. What is your expectation from this Course and in what way your participation in the course will benefit you and your organization:

14. **Declaration:** I hereby declare that all the information furnished by me in this application is true and correct to the best of my knowledge and belief. I also note that if any of the above statements are found to be incorrect or false or any information or particulars have been suppressed or omitted in the form, I shall be liable to be disqualified. If selected my admission will be liable to be cancelled without my notice or compensation in lieu of notice.

Signature of Candidate: _____ Date: _____

CERTIFICATE OF NOMINATION

Certified that Mr./ Ms./Dr. _____, who is working in the organization as _____ (designation) since _____, as a permanent / temporary / contractual employee (please strike off which is not applicable) has been officially nominated for attending online ‘Short Term Course on Advanced Geoinformatics from 19th to 23rd September, 2022 by this Department/ College/ University. He/ she is a full time/ Contractual/ Part-time employee (please strike off which is not applicable) of this Department/ Organization/College/ University.

Place: Signature of the Nominating Authority _____

Date: Name _____

Designation _____

Department/ Organisation _____

E-mail id _____

(Office Seal)