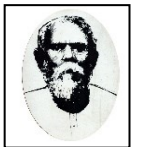




Sadhu Ramchand Murmu University of Jhargram

Jitusol, Jhargram-721514, West Bengal, India

Phone: +913221 291038; E-mail : osdsrsmuj@gmail.com; Website: www.srsmujhargram.ac.in



No.: 13/SRMUJ/AC/Noti./2026

Date: 31.08.2026

NOTIFICATION

Sub: Nomination for the Advanced Course on 'Geospatial Analytics along with AI & ML' from 22nd September to 25th September, 2026.

This is for information to all concerned Resource Persons of Sadhu Ramchand Murmu University of Jhargram, Jitusol, Jhargram, who possess a foundational understanding of Remote Sensing & GIS that the Department of Science and Technology and Biotechnology, Govt. of West Bengal will be conducting an Advanced Course on 'Geospatial Analytics along with AI & ML' from 22nd September to 25th September, 2026 vide G.O. No. 664/206823-eoffice dated 14.08.2026.

The Resource Persons having a Basic knowledge of RS & GIS technologies may apply through proper channel positively by 06.09.2026 for joining the above-mentioned program, will be considered for nomination.

For technical queries or further details, they may contact G.O. No. 664/206823-eoffice dated 14.08.2026.

This notification is issued with the approval of the Hon'ble Vice-Chancellor.

Academic Consultant
Sadhu Ramchand Murmu University of Jhargram

No.: 13/1(6)/SRMUJ/AC/Noti./2026

Date: 31.08.2026

Copy forwarded for information to:

1. All concerned Resource Persons of SRMUJ
2. The Registrar, SRMUJ
3. The Finance Officer, SRMUJ
4. The Controller of Examinations (Officiating), SRMUJ
5. The Sr. PS to Vice-Chancellor for kind information to the Vice-Chancellor, SRMUJ
6. University Website
7. Guard File

Academic Consultant
Sadhu Ramchand Murmu University of Jhargram



Government of West Bengal
Department of Science and Technology and Biotechnology
Bikash Bhavan (4th floor), Salt lake, Sector I,
Kolkata - 700064

No.664/ 206823-office

Date: 14.08.2026

To

The Registrar,

All Universities

Sub: Nomination for the Advanced Course on 'Geospatial Analytics along with AI and ML'

Madam /Sir,

The Department of Science and Technology and Biotechnology, GoWB has been conducting training / orientation programs in Geoinformatics for in-service Govt. employees since 2008. The objective has been to strengthen the capacity of Govt. functionaries to effectively utilize geospatial data as a crucial information infrastructure for developmental planning and augmentation of delivery of services towards the people.

In this endeavour, the Department of Science and Technology and Biotechnology, GoWB will be conducting an Advanced Course on *'Geospatial Analytics along with AI and ML'* from 22nd September to 25th September, 2026. The programme is framed to acquaint the trainees with the applications of Geospatial AI, using digital images and diverse datasets for applications addressing challenges across multiple sectors. The programme will also extend a scope of practical exposure to AI/ ML enabled geospatial analytics which will facilitate in evidence-based planning, implementation, monitoring and effective governance.

You are, therefore, requested to kindly nominate suitable candidates, in order of preference, who possess a foundational understanding of Remote Sensing and GIS, as this will enhance their learning experience. The Nominations may kindly be forwarded to this Department by 7th September, 2026.

Looking forward to your kind co-operation.

Yours faithfully,

Encl: Information Brochure


Special Secretary
to the Govt. of West Bengal

14.8.26

Importance of Geoinformatics

The integration of Geographic Information System (GIS) and Remote Sensing (RS) has emerged as an indispensable tool for planners and decision-makers, enabling the modeling and visualization of diverse, often unrelated themes to address complex challenges. This powerful combination has facilitated innovative solutions in smart agriculture, flood mapping, rural development, urban planning, watershed management, drainage planning, drinking water resource identification, road construction in hilly terrains, and disaster management. Advances in geospatial technologies, coupled with the integration of emerging tools and enriched datasets, have significantly enhanced decision-making and governance. The data-intensive nature of the geospatial ecosystem, emphasizing accuracy, consistency, and accessibility, continues to drive sustainable development and improve the delivery of public services across various sectors.

Geospatial Analytics along with AI and ML

Geospatial AI blends Artificial Intelligence with geospatial data to automate feature extraction, reveal spatial patterns, and deliver predictive, location-aware insights for faster and better decisions across sectors. Its core objectives are to accelerate spatial data production, improve the forecasting of geospatial phenomena, enable real-time situational awareness, integrate multi-source data pipelines, and operationalize responsible AI at scale. Key applications span urban planning and smart cities, disaster risk reduction and rapid response, environmental monitoring and climate adaptation, precision agriculture, public health intelligence, transportation and logistics optimization, retail and site selection, defense and security, and energy and utilities asset management. By uniting modern GIS platforms with machine learning and deep learning applied to Satellite and Drone imagery, LiDAR, IoT streams, and tabular data with location information, GeoAI turns massive datasets into actionable intelligence that improves outcomes, reduces risk, and scales efficiently from projects to enterprise level operations.

Objectives of Advanced Course on Geospatial Analytics along with AI and ML

Taking the above into consideration, the Department of Science and Technology and Biotechnology, GoWB will organize an Advanced Course on 'Geospatial Analytics along with AI and ML' in September, 2026. The objective of the course is to acquaint the participants with Applications of Geospatial AI across different domains.

Note: The Course is meant for in-service Govt. employees / faculties of govt. sponsored Colleges/ Universities having basic knowledge of Remote Sensing and GIS.

Duration of the Course

22nd September, 2026 – 25th September, 2026.

Broad Topics of the Course

Basics of Geospatial technologies, Machine Learning, Deep Learning and Artificial Intelligence including Generative AI and their applications.

Course Fee

Nil

Total no. of Seats

20 nos.

Eligibility Criteria

I. A permanent/temporary/contractual employee of any Department of the State Govt./ Undertaking/ Parastatal/ Statutory Body

or

Faculty of any Govt. / Govt. Sponsored College/Training Institute/ University

having a Basic knowledge of RS and GIS technologies, duly nominated by his/ her head of the Organisation, will be considered for participation.

II. If the no. of applications exceeds the availability of the seats, then an initiative will be taken to accommodate at least one candidate from each Organisation selected from the top of the list. The nominating authorities are

requested to mention the order of preference in their nomination letters.

III. The list of the selected candidates will be uploaded on the Departmental website **dstbt.bangla.gov.in**. Applicants are requested to follow the Departmental website from 16th September, 2026 onwards.

Other Stipulations

- I. No accommodation will be arranged by the DSTBT, Govt. West Bengal for outstation candidates.
- II. No TA/DA will be provided to the participants for attending the course.

Sessions & Classes

- I. The Course will be conducted from 22nd September, 2026 to 25th September 2026.
- II. The classes will commence at 11:00 AM and will continue up to 5:00 PM every day.
- III. On successful completion of the course, the participants will be awarded Certificates.

Last date for receipt of nomination duly forwarded by the nominating authority in both hard copy as well as soft copy: 7th September, 2026.

E-mail: wbscst.rstrg@gmail.com

Contact No. 033-2569-3720