

SURYA SEN MAHAVIDYALAYA

DEPARTMENT OF GEOGRAPHY

— IN COLLABORATION WITH IQAC —



IS GOING TO ORGANISE

One Day Invited Lecture

On

MAPS BEYOND PAPER:

Exploring Digital Cartography
through Geospatial Technology
and Cloud Computing



24TH AUGUST 2026



TIME: 11AM TO 1PM



VENUE: SKSMH

SPEAKER:

Dr Biswajit Das

Assistant Professor
Department of Geography,
Manipur University



OBJECTIVES OF THE INVITED LECTURE



To understand the basic concepts of digital cartography and geospatial technology.



To learn how GIS, GPS, and remote sensing are used for creating and analysing digital maps.



To develop practical skills in field data collection, digital mapping, and preparation of field reports using geospatial technologies.



To understand the usefulness of field reports for documenting, analysing, presenting, and communicating geographical information and field-based observations.

BACKGROUND AND RATIONALE

Digital cartography has transformed the way geographical information is collected, analysed, and presented. With the development of Geographic Information Systems (GIS), GPS, remote sensing, and cloud computing, maps are no longer limited to paper-based representations. These technologies allow geographers to work with accurate, real-time, and interactive spatial data. For undergraduate Geography students, understanding digital mapping is essential for developing practical and analytical skills. Cloud-based platforms also make it easier to store, share, and collaborate on geospatial information. Fieldwork further connects theoretical knowledge with real-world geographical conditions. Preparing field reports using digital tools helps students document observations, analyse field data, create maps, and communicate findings effectively. Thus, this topic strengthens both technical skills and geographical understanding.

