

Prasanta Chandra Mahalanobis Mahavidyalaya



(Accredited by NAAC)

111/3, B.T. Road (Bon-Hooghly), Kolkata-700108

Phone : 8697169513

E-mail: pcmm.principal@gmail.com

Website: www.pcmm.edu.in

REPORT

A. Brief Description of the Programme:

Title of Seminar /Workshop / Programme (please mention State/National/International level in case of Seminar)	Capacity Building Programme on Geoinformatics: The Perfect Future of Geographers (Awareness of trends in technology)
Organized By	Department of Geography
Date	14 th December 2022(Wednesday)
Time	12:15 pm to 2:00 pm
Venue	Room No. 22, PCMM
Name and Designation of Resource Person(s) & Contact Details	Dr Ratnadeep Ray Assistant Professor Department of Earth Sciences and Remote Sensing JIS University Kolkata-700109 Email: ratnadeep.ray@jisuniversity.ac.in
Number of Students attending	71
Number of Teachers Attending	04
Organizing Committee	Department of Geography



B. Brief Description of the Event and Brief Summary of the Lecture by Resource Person(s) (Within 300-350 words)

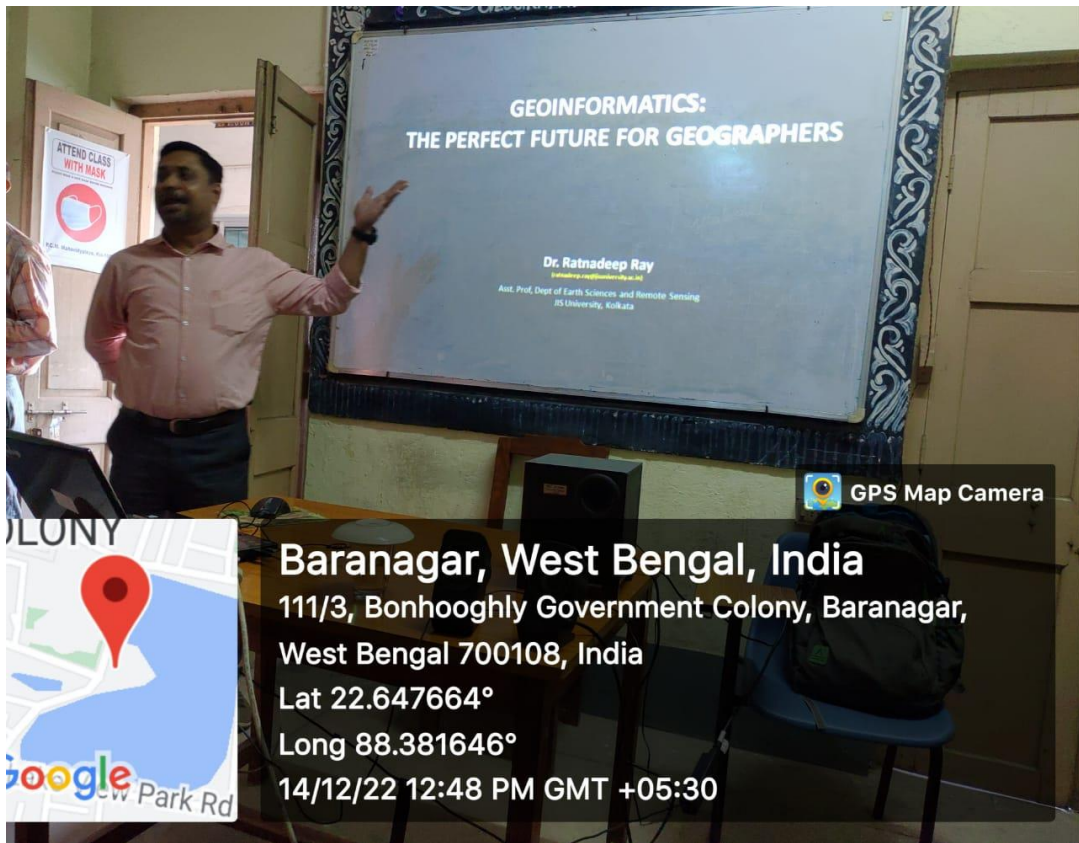
“Geoinformatics: The Perfect Future of Geographers” was held on 14.12.2022 by Dr Ratnadeep Ray. Dr Ray presented a number of slides to offer comprehensive information relating to the basic concepts of Geoinformatics, GIS with its components, applicability and career opportunities of Geographers. He discussed Geoinformatics is “art, science or technology dealing with the acquisition, storage, processing, production, presentation, and dissemination of geoinformation”. Geoinformatics is a multidisciplinary subject. It includes the knowledge of Physics, Mathematics, Geography, Geology, engineering, and technology etc. The main object of the subject is to geo visualize the spatial information to solve social, economic and environmental problems. The applications of Geoinformatics include Telecommunications, National Security, Disaster risk management, Climate change study, Weather forecasting, Biodiversity conservation, Environmental monitoring, Marine and coastal studies, Hydrology and Water resource management, Land use land cover change studies, Agriculture and Forestry, Urban and rural planning, Transport planning and Traffic management, Geological and Geomorphological Studies, Social and Economic studies etc. The future of GIS (Geographic Information Systems) in India is promising and holds immense potential for various sectors. The ongoing integration and evolution of GIS, maps, the Internet, and web-based mapping can be considered an outcome of the developer approach to GIS. One notable development is the emergence of what is called, web-based GIS or Web GIS. Web GIS refers to the integration of the vast amounts of content available on the Internet (e.g., text, photographs, video, and music) with geographic information, such as location. Adding such geographic information to such content is called geotagging and is similar to geocoding.

The presentations were followed by an interactive session which was marked by spontaneous and inquisitive queries and questions raised by the students and faculty members.

C. Briefly Mention How the Event Will Benefit Students/Faculty (in Bullets) (50-100 words)

- They acquired knowledge of Geoinformatics, GIS in detailed.
- The students got hands-on practice different GIS application.
- They acquired knowledge of different Universities and Institutions where they can study Geoinformatics in India.
- They also learnt about key recruiters with pay packets globally.
- The students learnt about GIS as career.





Resource Person – Dr Ratnadeep Ray



Participants (Students and Faculty members)



Lecture delivered by Dr Ray



Interactive Session



Aghosh
Principal
Prasanta Chandra Mahalanobis Mahavidyalaya
111/3, B. T. Road, Kolkata-108

Signature of Principal



Capacity building programme
on
Geoinformatics: The Perfect Future for Geographers
(Awareness of trends in technology)

Organized by

Department of Geography and IQAC

Prasanta Chandra Mahalanobis Mahavidyalaya

1113BT ROAD, Kolkata; 700108

Speaker: Dr. Ratnadeep Ray
Assistant Professor,
Department of Earth Sciences and
Remote Sensing, JIS University

Date: 14th December 2022 (Wednesday)

Time: 12.15 pm

Venue: room no 15

