

Name of the Event – ‘International Mangrove Day Celebration and Advanced Field Workshop’

Organized by: ‘Purbasha Eco-Helpline Society (PEHS) & Geo-Tech Solutions’

Category: Workshop

Date: 25.07.2025 to 27.07.2025

Time: 3days

Venue: Sundarban

Name and Designation of the Resource Person: Mr.Ayan Ghosh, Dr.Ashis Pal, Dr.Malay Mukhopadhyay, Mr.Umashankar Mondal

Number of Participants: 22 students of Geoinformatics, RKSMVV

Brief Description of the Event :-

On the occasion of International Mangrove Day, the 2025 batch of students from the Professional Course in Geoinformatics at Ramakrishna Sarada Mission Vivekananda Vidyabhavan embarked on a unique field-based project from 25th July, 2025 to 27th July, 2025. Under the guidance of Dr. Soma Mukhopadhyay (Geography Department), Sreejaya Chatterjee (Department of Journalism and Mass Communication), and Mr. Ayan Ghosh (GIS Specialist, Public Health & Engineering Department, Government of West Bengal), the students participated in GIS field work and social service activities in Sonagaon, Chorivari Island, Sajnekhali, and Sudhanyakhali. Through this initiative, the students gained hands-on experience in applying geoinformatics techniques to real-world environmental issues. They also engaged with local communities, promoting awareness about the importance of mangrove conservation and sustainability.

Outcomes

This project exemplifies the institute's commitment to fostering experiential learning, social responsibility, and environmental stewardship among its students.





Advanced Field Workshop on Job-Oriented Mapping & Surveying Techniques Using SONAR, DRONE, GNSS, Water & Soil Quality, Vegetation Health Monitoring, and Synoptic Tools

Resource Persons:

	Dr. Ashis Kr. Paul, Vidyasagar University Dept. of Geography		Dr. Shasanka Kumar Gayen, Coochbehar Panchanan Barma University, HoD, Dept. of
	Dr. Malay Mukhopadhyay Visva Varti University Dept. of Geographv		Dr. A. K. M. Anwaruzzaman Aliah University, HoD, Dept. of Geography
	Mr. Ayan Ghosh, IT Personnel (GIS Engineer) Special Investigation Division, WB		Dr. Arunabha Misra, Vidyasagar Metropolitan College Dept of Geography
	Mr. Umasankar Mandal Secretary, PEHS		Dr. Jayanta Gour, Sambhunatha College, Laxmipur Dept of Geography
	Dr. Kanailal Das Dept. of Geography		

Program Content & Schedule				
Pre Field Study	Field Study 25.07.25 to 27.07.25			Post Field
Introduction to Advance Geo Spatial Science & Implementation	Hands on Training on GNSS Survey & Mapping, Vegetation Health Monitoring & Mapping, Preparation of Portable Weather Station	Hands on Training on Soil Survey With Advance Geospatial Instruments & Mapping, Water Quality Monitoring & Mapping, Mangrove Plantation	Hands on Training on SONAR, Bathymetric Survey & Mapping, Preparation of Portable Weather Station Along With Synoptic Observation, Mangrove Plantation	Mapping, Analysis & Job Prospect