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.

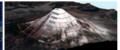












Advanced Field Workshop on Job-Oriented Mapping & Surveying Techniques
Using SONAR, DRONE, GNSS, Water & Soil Quality,
Vegetation Health Monitoring, and Synoptic Tools

Resource Persons:



Dr. Ashis Kr. Paul Vidyasagar, University Dept. of Geography



Dr. Malay Mukhopadhyay Visya Varti University Dept. of Geography



Mr. Ayan, Ghosh, IT Personnel (GIS Engineer) Special Investigation Division, WB



Mr. Umasankar Mandal Secretary PEHS

Dr.Kanailal Das Dept.of Geography



Dr. Shasanka Kumar Gayen Coochbehar Panchanan Barma University.HoD.Dent.of



Dr.A.K M Anwaruzzaman Aliah University, HoD. Dept. of Geography



Dr. Arunabha Misra Vidyasagar Metropolitan College Dept of Geography



Dr. Jayanta Gour. Sambhunatha College Laynur. Dept of Geography

Program Content & Schedule					
Pre Field Study	Field Study25.07.25 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	Soil Survey With Advance Gespatial Instruments	Hands on Training on Drone Survey & Mapping, Soil Survey & Mapping, Mangrove Plantation	Hands on Training on SONAR Bothymetric Survey & Mapping Preparation of Portable Weather Station Along With Synoptic Observation, Mangrove Plantation	Mapping Analysis & Job Prospect