

DEPARTMENTAL ACTIVITY: MAY 2025

NAME OF EVENT: 30 hr ADD-ON COURSE

ORGANISED BY: Department of Geography and Geo-Solutions

DATE: 3rd May to 31st May, 2025

DURATION: 30 hrs (Four 6hr offline classes 10:30am-4:30pm on Saturdays + 6hr online class = 30 hrs)

VENUE: ROOM 309; SHRI SHIKSHAYATAN COLLEGE

TOPIC: PYTHON AND JAVA SCRIPT WITH MACHINE LEARNING AND JAVA SCRIPT

INSTRUCTOR: Shri Ayan Ghosh 9836421525 (Academic coordinator, Geo-Solutions)

NUMBER OF PARTICIPANTS: 31 (Sem VI)- Self-Financed Rs1500/candidate

CO-ORDINATOR: Dr Nivedita Roy Barman

BRIEF DESCRIPTION: : Students planning to take up Geoinformatics for higher studies were provided the opportunity to take up this specialised course on application of Machine Learning and Geo AI using Python and Java Script for advanced geospatial mapping and geographic research.

OUTCOME: Basics of Python and Java Script were taught to students. They learnt the process to visualize and analyze geospatial data, apply machine learning for remote sensing analysis and build complete environmental monitoring solutions.

As assignment, they worked on a case study on “Comparative Air Quality Mapping between covid lockdown and post lockdown normal period in West Bengal”.

