

EARTH SCIENCES INCLUDING GEOINFORMATICS AND HYDROLOGY

Venue: Old Lecture Theatre, Department of Geology, Baker Building (Ground Floor)

17th. January 2025 Friday Technical Session- 1 (2:00 PM onward)

Sl No.	Application No.	Name of the Presenting Author	Name of the Institute/ Organization	Title of the Abstract
1	WBSSTC/2024-25/R6/ESGH/032509	Satabdi Roy	Lady Brabourne College	Detection of Coastal Deposition Pattern In Indian Sundarban By Coastal Medelling System(Cms)
2	WBSSTC/2024-25/R6/ESGH/032754	Swarnendu Saha	Indian Institute of Science Education And Research Kolkata	Changes in Sea Surface Temperature in the Bay of Bengal over the two decades from 2000 to 2019
3	WBSSTC/2024-25/R6/ESGH/072149	Pravat Kumar Behera	Presidency University	Assessment of source, depositional environment and maturity of Ashoknagar crude oil using stable carbon isotope and aromatic hydrocarbon distribution
4	WBSSTC/2024-25/R6/ESGH/090602	Sagnik Karmakar	University of Calcutta	Landslide Susceptibility of Aizawl District, Mizoram, using AHP method.
5	WBSSTC/2024-25/R6/ESGH/111906	Biyas Dey	Jadavpur University	How Does Habitat (Dis) Connectivity Influence Waterbird Community Dynamics in a Floodplain Landscape? A Study of Ganga-Ichhamati Interfluve, India
6	WBSSTC/2024-25/R6/ESGH/045659	Mainak Dutta	Presidency University Kolkata	Enigmatic Presence of Rhizoconcretion and Magnetite Grains in remote Sundarbans and Environmental Significance
7	WBSSTC/2024-25/R6/ESGH/061657	Sarbani Halder	University of Calcutta	Regeneration of Mangrove Patches in Fringe of Sundarban Core Forest Area
8	WBSSTC/2024-25/R6/ESGH/071141	Satyajit Majumder	Presidency University	Evolution of the Thar Desert, India: A detrital zircon provenance study
9	WBSSTC/2024-25/R6/ESGH/073430	Sanatan Sahu	National Institute of Technology Rourkela	Stabilization of Riverbanks Using Bamboo Logs: Is This an Ideal Solution for the Sundarbans, India?
10	WBSSTC/2024-25/R6/ESGH/083017	Kaushik Mondal	Jadavpur University	Effect of Wave Action on Grain Size Distribution of Non-Uniform Bed Sediments on an Adverse Slope

11	WBSSTC/2024-25/R6/ESGH/103349	Dinabandhu Barman	Presidency University	Seasonal and storm event-based water quality assessment of shallow oxbows in the Jaldhaka Floodplain, India
12	WBSSTC/2024-25/R6/ESGH/110534	Suraj Gupta	Presidency University	Examining sand mining induced anthropogenic landforms and their impacts on water quality on select rivers in the Rarh Region of West Bengal using in-situ and remotely sensed data
18th. January 2025 Saturday Technical Session- 2 (10:00 AM)				
13	WBSSTC/2024-25/R6/ESGH/110637	Sagnik Jha	Jadavpur University	Morphodynamics and Sorting Patterns in Mixed-Sediment Sloping Beds: An Experimental Study
14	WBSSTC/2024-25/R6/ESGH/105908	Manomalya Das	Presidency University	Mapping the Lost Channels: A Multiproxy Approach to Uncover the Damodar River's Past
15	WBSSTC/2024-25/R6/ESGH/113141	Kunal Mallick	Presidency University Kolkata	Unravelling underexamined forest fire dynamics and their impact on soil properties in the dry deciduous forests of the Rarh region, India
16	WBSSTC/2024-25/R6/ESGH/112535	Priyank Pravin Patel	Presidency University	Geomorphosite Mapping and Geodiversity Analysis using Structure-from-Motion methods for Geoheritage Conservation
17	WBSSTC/2024-25/R6/ESGH/010227	Sriya Dhameja	University of Calcutta	Leveraging Geospatial Techniques and Machine learning to explore and predict the impact of rising Land Surface Temperature on Crop Growth and Agricultural Sustainability: A Case Study of Nadia District.
18	WBSSTC/2024-25/R6/ESGH/043426	Rituparna Majumder	Jadavpur University	Rock-magnetic analyses from a selected section of the Precambrian Basement rocks in and around Kalyaneswari-Maithon Area, West Bengal and Jharkhand, India
19	WBSSTC/2024-25/R6/ESGH/104925	Snehasish Das	Presidency University	Quantification of Groundwater Quality Issues in Reference to The Urbanization in Parts of Bardhaman District, West Bengal
20	WBSSTC/2024-25/R6/ESGH/113901	Papiya Baneree	University of Calcutta	Comparative analysis of benthic foraminifera in surface and subsurface samples from Bakkhali, Indian Sunderbans