

ENVIRONMENTAL SCIENCES INCLUDING CLIMATE CHANGE

Venue: Geography Lecture Theatre, Department of Geography, Main Building (2nd. 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/ESCC/105414	Arup Majumder	Cultural Research Institute	AI Applications in the Sundarbans: A Proposed Framework
2	WBSSTC/2024-25/R6/ESCC/033022	Minara Yeasmin	Aliah University	B.Ed. Trainee Students' Climate Change Awareness Toward Sustainable Development Goals- A Step for Mission Life
3	WBSSTC/2024-25/R6/ESCC/085551	Oindri Samanta	Rabindra Bharati University	The Future of Organic Farming in West Bengal: A Case Study on Vermicomposting
4	WBSSTC/2024-25/R6/ESCC/113137	Sattam Mandal	University of Calcutta	Assessing the Environmental and Climatic Consequences of Brick Kilns in Dinga Khola, Howrah
5	WBSSTC/2024-25/R6/ESCC/034638	Sayak Dolai	Vijaygarh Jyotish Ray College	Rapid composting of kitchen waste by bioaugmentation with an intra-species Pseudomonas consortium
6	WBSSTC/2024-25/R6/ESCC/041459	Sayantana Mahapatra	Presidency University	Unravelling the combined influence of ocean warming and acidification on the energy budget of <i>Ectoplus suratensis</i>
7	WBSSTC/2024-25/R6/ESCC/090522	Nandini Garai	Presidency University	Assessing Subnational Environmental Sustainability in India
8	WBSSTC/2024-25/R6/ESCC/112949	Dr Kakali Mukherjee	Government of West Bengal	Emerging Role of Women in Sustainable Ecological Development and Adaptation to Climate Change-An Experience of Bongaon Sub Division, West Bengal during the period 2017-2024
9	WBSSTC/2024-25/R6/ESCC/121606	Sampurna Mondal	Calcutta University	Comparative Assessment of Seasonal Water Quality Variations in the Major Rivers of Birbhum District, West Bengal
10	WBSSTC/2024-25/R6/ESCC/100343	Md Hafizur Rahman	The Energy and Resources Institute	State Specific Air Pollution Emission Factor of Open Burning of Refuse Materials

11	WBSSTC/2024-25/R6/ESCC/011302	Dr Surabhi Dipali Muduli	CSIR Central Leather Research Institute Regional Centre Kolkata	Fabrication of magnetic carbon from Hide trimming waste by pyrolysis and its application for the recovery of Sodium Sulphate from Yellow Sodium Sulfate, a hazardous by-product of the leather chemical industry
12	WBSSTC/2024-25/R6/ESCC/024615	Soumya Subhra Baishnab	Presidency University	A Comparative Study to Decode the Combined Effects of Elevated Temperature and Pesticide Pollution on Meiobenthic Community Structure from Intertidal and Estuarine Eco System
13	WBSSTC/2024-25/R6/ESCC/025102	Sumit Mandal	Presidency University Kolkata	A Comparative Study to Decipher Benthic Community Structure from the Antarctic Ocean and Arctic Fjords
14	WBSSTC/2024-25/R6/ESCC/052320	Rojina Khatun	Aliah University	Impact of Climate Change on Agriculture and Livelihood Adaptation: A Case Study of Sundarbans Region
15	WBSSTC/2024-25/R6/ESCC/064350	Soumoshree Das	University of Calcutta	Impact of Extreme Weather on Embankment Stability in Sundarban: A Case Study from Gosaba
16	WBSSTC/2024-25/R6/ESCC/083045	Tanushree Chakraborty	Jadavpur University	Analyzing the Impact of Climate Variability on Rice Yields in India Using Machine Learning: A Meta-Analytical Approach
17	WBSSTC/2024-25/R6/ESCC/092031	Sreya Mukherjee	Asutosh College	Assessing Land Surface Temperature Variations in South 24 Parganas: The Impact of Climatic, Demographic and Socio-economic Factors
18	WBSSTC/2024-25/R6/ESCC/112545	Anirban Kundu	Asutosh College	Decoding the Man-Nature-Society Triad: A Case Study based Exploration among the Agricultural Vulnerable Farming Communities in Coastal West Bengal

18th. January 2025 Saturday Technical Session- 2 (10:00 AM)

19	WBSSTC/2024-25/R6/ESCC/115351	Vansika Yadav	Indira Gandhi National Open University	Integrating Emerging Technologies for Sustainable Development and Disaster Risk Reduction: Transformative Strategies for Community Engagement for Sustainability in South 24 Parganas, West Bengal, India
20	WBSSTC/2024-25/R6/ESCC/115924	Arpita Majumder	University of Calcutta	Changing Pattern of Avifauna-a Five Year Study in Rabindra Sarovar Lake, Kolkata in the Context of LULC Changes
21	WBSSTC/2024-25/R6/ESCC/120822	Sumit Panja	Asutosh College	Impact and Adaptation of Climate Change on Coastal Agriculture of West Bengal: A Conflict Between Sustainability and Profitability

22	WBSSTC/2024-25/R6/ESCC/061855	Lopamudra Ganguly	Vedanta College Kolkata	Revisiting Indigenous Technical Knowledge Of Menstrual Products & Its Evolution: A Case Study Of Tea Garden Workers In Darjeeling District, West Bengal
23	WBSSTC/2024-25/R6/ESCC/040829	Anushka Ghosh	Vedanta College Kolkata	Water Scarcity and Migration Patterns: Analyzing the Role of Water Stress in Global Migration Trends
24	WBSSTC/2024-25/R6/ESCC/023921	Saptadipa Chakraborty	Vedanta College Kolkata	Water Wisdom: Indian Perspectives on Conservation and Sustainability
25	WBSSTC/2024-25/R6/ESCC/042658	Subhadip Mondal	Vedanta College Kolkata	"Urban Slum Sanitation Crisis: Evaluating Access, Infrastructure, and Health in Kolkata's Duttabad Settlements"
26	WBSSTC/2024-25/R6/ESCC/094126	Tamanna Bachhawat	Presidency University	Identification of Aluminum and fluoride induced stress markers/ variations in Azolla filliculoides plants under acid soil stress conditions
27	WBSSTC/2024-25/R6/ESCC/121946	Anuradha Mahato	Presidency University	Assessment of Aluminium and Salt stress induced variations in the roots of rice plants
28	WBSSTC/2024-25/R6/ESCC/093457	Mayukh Ghosh	Presidency University	Competition between native submerged macrophytes Najas indica and invasive Vallisneria spiralis in community and their cytological and physiological effects on each other
29	WBSSTC/2024-25/R6/ESCC/114335	Dr Subhadip Gupta	Asutosh College Kolkata	Environmental Flow Assessment (EFA) of Mahananda River: A Case Study
30	WBSSTC/2024-25/R6/ESCC/092319	Nasrin Banu	Aliah University	Impacts of Climate Change on Non-Communicable Diseases: Through a Lens of Gender