

BOTANY

Venue: Botany Lecture Theatre- 1, Department of Life sciences (Baker Building 1st. 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/BTNY/030513	Anjan Hazra	Victoria Institution College	Complete chloroplast genomes of two Darjeeling tea cultivars and their phylogenetic implications
2	WBSSTC/2024-25/R6/BTNY/061703	Shourjya Ghosh	Jogamaya Devi College	Isolation of Nitrogen Fixing Bacteria from <i>Clitorea Ternatea</i>
3	WBSSTC/2024-25/R6/BTNY/065429	Snehali Kundu	Jogamaya Devi College Calcutta University	Analysis of Probiotics from Milk and Milk Products
4	WBSSTC/2024-25/R6/BTNY/010413	Indrani Manna	Presidency University	Nickel alters ROS-NO dynamics in cherry tomatoes to loom in cellular disruption
5	WBSSTC/2024-25/R6/BTNY/082427	Ishita Bhattacharya	University Of Calcutta	Antileishmanial and molecular docking study of wild edible mushroom <i>Amanita princeps</i> targeting polyamine synthesis pathway
6	WBSSTC/2024-25/R6/BTNY/122726	Nibedita Pyne	University Of Calcutta	Alpha-Mangostin From <i>Garcinia cowa</i> Modulates The Crosstalk Between Arginase And Nitric Oxide In <i>Leishmania donovani</i> Parasite
7	WBSSTC/2024-25/R6/BTNY/075435	Ankita Biswas	Lady Brabourne College	Unraveling the potential of silicon nanoparticle in mitigation of Cd stress in rice
8	WBSSTC/2024-25/R6/BTNY/083807	Nabanita Sarkar	University Of Calcutta	Cloning and analysis of <i>SbDhn2</i> promoter in <i>Sorghum bicolor</i>
9	WBSSTC/2024-25/R6/BTNY/103649	Sakyadeep Banerjee	University Of Calcutta	Inhibition of HCV RNA dependent RNA polymerase (RdRp) by leaf extracts of <i>Ocimum tenuiflorum</i>

10	WBSSTC/2024-25/R6/BTNY/103842	Renia Mullick	Lady Brabourne College	Delving Into the Potentiality of Phytoplankton in Biomonitoring the Water Quality of the Indian Sundarbans
11	WBSSTC/2024-25/R6/BTNY/103841	Debapriya Das	Lady Brabourne College	Exploring the Potential and Dynamics of Bioactive Compounds from Lawsonia inermis L. Against COVID

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

12	WBSSTC/2024-25/R6/BTNY/105117	Saptadipa Banerjee	Bose Institute	Understanding the tissue-specific pathway alterations in Sesame Plants Affected by Phytoplasma
13	WBSSTC/2024-25/R6/BTNY/113059	Amrita Chakraborty	Techno India University	Solvent Based Comparative Analysis of Bioactive Components Of Present in The Leaves of "Miracle Tree" using High-Throughput Techniques and its Anti-Microbial and Toxicological Studies
14	WBSSTC/2024-25/R6/BTNY/035103	Sunayana Saren	National Institute For Research In Bacterial Infections	Inhibitory effects of Luteolin, a flavonoid on Salmonella Typhi and on its Dihydrofolate Reductase protein
15	WBSSTC/2024-25/R6/BTNY/032454	Upasana Saha	Techno India University	Plant Pigments: A Medicinal Perspective
16	WBSSTC/2024-25/R6/BTNY/064156	Sanchita Mondal	Techno India University	Metabolite Fingerprinting and Antidiabetic Potential of Some Known Plants
17	WBSSTC/2024-25/R6/BTNY/074930	Sarbajit Adak	Techno India University	Phytochemical Analysis and Antioxidant Potential Study of commonly found Green Leafy Vegetables
18	WBSSTC/2024-25/R6/BTNY/043743	Debarati Pramanick	Visva Bharati	Comparative study on the efficacy of ISSR and SSR markers to detect genetic variation in some population of Aquilaria malaccensis Lam. from Tripura, India

19	WBSSTC/2024-25/R6/BTNY/093822	Payel Basak	Presidency University	Effect of a cell-free culture extract from <i>Alternaria alternantherae</i> on physiological and biochemical properties of Alligator weed (<i>Alternanthera philoxeroides</i>)
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