

## ZOOLOGY

Venue: Zoology Lecture Theatre- 1, Department of Life Sciences (Baker Building 2<sup>nd</sup>. Floor)  
17<sup>th</sup>. 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/ZOLGY/095128	Sandipan Mukherjee	Presidency University	Singed and Arp2/3 complex in vivo regulates F-actin dynamicity during border cell migration in Drosophila
2	WBSSTC/2024-25/R6/ZOLGY/124016	Ipshit Dey	Presidency University	Tbx20, a T-box transcription factor function in cardiac fibrosis
3	WBSSTC/2024-25/R6/ZOLGY/045821	Madhuchhanda Das	Jadavpur University	Identification of a novel function of SIRT1 in attenuating vascular calcification upon induction of hyperglycemic injury via TWIST1/Gal3/RUNX2 signaling pathway
4	WBSSTC/2024-25/R6/ZOLGY/095143	Dr Soumen Roy	City College Kolkata	Morphological organisation of the somatic barrier between the developing male and female gametes in the gonad (ovotestis) of a hermaphrodite mollusk, Onchidium typhae (Buchanan, 1800)
5	WBSSTC/2024-25/R6/ZOLGY/054825	Pritha Mandal	Zoological Survey of India	Callyntrura (Callyntrura) bicolor, a new Collembola (Entomobryidae: Salininae), discovered from the Northern Himalayan region of West Bengal, a biodiversity 'treasure' zone
6	WBSSTC/2024-25/R6/ZOLGY/085326	Toufique Shahnawaz	Presidency University	Impact of Arsenic Exposure on Antibiotic Resistance of Mammalian Gut Bacteria
7	WBSSTC/2024-25/R6/ZOLGY/112551	Ankita Chatterjee	Asutosh College	Assessing The Adaptability And Resilience Of Waste-Eating Birds In Greater Kolkata Landscape Through Data-Driven Analysis
8	WBSSTC/2024-25/R6/ZOLGY/123800	Shroyon Sarkar	Presidency University Kolkata	Kinase-Kinase interactions during collective cell migration; studies on Drosophila border cells
9	WBSSTC/2024-25/R6/ZOLGY/123819	Tarak Samanta	University of Calcutta	Temporal Variation of Odonata (Dragonflies and Damselflies) Diversity in an Urban Managed Habitat at Ecopark, Kolkata
10	WBSSTC/2024-25/R6/ZOLGY/014421	Sayantana Dutta	Presidency University	Regulation of microtubule by two serine/threonine kinases - Par-1 & Sgg during collective cells migration: A border cells perspective

11	WBSSTC/2024-25/R6/ZOLGY/014731	Snigdha Bhaumik	Presidency University	Disentangling the impact of environmental parameters in structuring the functional diversity and macrobenthic assemblages of Sundarbans estuarine system using trait based hierarchical modelling
12	WBSSTC/2024-25/R6/ZOLGY/031038	Aaheli Masid	ICMR National Institute for Research in Bacterial Infections	Reduced AUF-1 contorts IBD pathology by decreasing IL27p28mRNA half-life and IL-10 surge from B1a cells – Butyrate being the reversal agent in experimental model and explant clinical samples
13	WBSSTC/2024-25/R6/ZOLGY/053639	Arnab Kar	University of Kalyani	Understanding the association of phosphodiesterase 4 and Wnt/ $\beta$ Catenin in breast cancer sub-types and modulating the same using PDE4 inhibitor
14	WBSSTC/2024-25/R6/ZOLGY/054633	Subhadeep Das	Presidency University	Etho-chemistry of communication system by Snow leopard for territorial maintenance
15	WBSSTC/2024-25/R6/ZOLGY/072747	Poulami Chatterjee	Presidency University	Functional aspects of Wingless signalling in sculpting Drosophila eggs during development

### 18<sup>th</sup>. January 2025 Saturday Technical Session- 2 (10:00 AM)

16	WBSSTC/2024-25/R6/ZOLGY/090254	Madhurima Ghosh	Presidency University	Twist1 mediated epithelial to mesenchymal transition promotes differentiation of early cardiomyocytes from activated epicardial cells post injury, both in-vivo and in-vitro
17	WBSSTC/2024-25/R6/ZOLGY/114231	Prajna Debnath	Maulana Azad College	Physiological and Immunological Effects of Short-Term Paraquat Exposure in Adult Zebrafish
18	WBSSTC/2024-25/R6/ZOLGY/114800	Ahmed Shahir	Presidency University	Deciphering the Responses of Mesozooplankton Community to Environmental Variability from Sundarbans Estuarine System using Trait-Based Hierarchical Modelling
19	WBSSTC/2024-25/R6/ZOLGY/115725	Paschatya Manna	University of Calcutta	Mitigating cognitive dysfunction: therapeutic power of fruit extracts from genus Terminalia against aluminium-induced neurotoxicity in zebrafish model
20	WBSSTC/2024-25/R6/ZOLGY/115752	Shampa Deb Chanda	Garhbeta College	A Novel FrFT-Based Approach for Silkworm Cocoon Quality Assessment

21	WBSSTC/2024-25/R6/ZOLGY/013001	Sudipta Naskar	University of Calcutta	Pesticide resistance mechanisms in tea mosquito bug ( <i>Helopeltis theivora</i> ): Insights from genetic and biochemical studies
22	WBSSTC/2024-25/R6/ZOLGY/092412	Amit Mahata	Vidyasagar College for Women	Insecticide Resistance among <i>Aedes albopictus</i> Populations from Southern West Bengal, India-: Implications for Control of Dengue.
23	WBSSTC/2024-25/R6/ZOLGY/114852	Shampa Bag	Ananda Mohan College	Microbial Community of some Selected Freshwater Bodies of Gangetic Plains of West Bengal.
24	WBSSTC/2024-25/R6/ZOLGY/115607	Rimpa Majumdar	Bidhannagar College	Study on Variations of Some Morphogenetic Characters from Human Population in and around Kolkata and Sub-urban Areas