

PHYSIOLOGY AND MEDICAL SCIENCES INCLUDING FORENSIC SCIENCES

Venue: Physiology Lecture Theatre- 1, Department of Life sciences (Baker Building 2nd. Floor)

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

Sr. No.	Application No.	Name of the Presenting Author	Name of the Institute/ Organization	Title of the Abstract
1	WBSSTC/2024-25/R6/PMSFS/043256	Sanjib Das	National Institute for Research in Bacterial Infections	A preventive investigation on the Bacterial Ghost induced by Curcumin nanoparticles against Helicobacter pylori in the C57BL/6 model
2	WBSSTC/2024-25/R6/PMSFS/122304	Sohini Sikdar	ICMR National Institute for Research in Bacterial Infections	Probiotic- prebiotic-based prophylactic treatment ameliorates Enterotoxigenic E. coli (ETEC) induced diarrhoeal pathologies in mice
3	WBSSTC/2024-25/R6/PMSFS/080713	Risha Halder	ICMR National Institute of Cholera and Enteric Diseases	Oral infection mice model for shigellosis and a global vaccine against Shigella serovars
4	WBSSTC/2024-25/R6/PMSFS/043005	Sugopa Sengupta	Presidency University Kolkata	Functional characterization of the interaction between DNA gyrase and S-adenosylmethionine synthetase in Escherichia coli: evaluating its potential as new therapeutic target
5	WBSSTC/2024-25/R6/PMSFS/055031	Oishika Das	ICMR National Institute for Research in Bacterial Infections	The Epithelial Barrier and Its Relationship with RNA Binding Protein, AUF1 in Inflammatory Bowel Disease
6	WBSSTC/2024-25/R6/PMSFS/124357	Arindam Mukherjee	ICMR National Institute For Research In Bacterial Infection	A Novel Strategy for Targeting Enteric Diseases with a Bivalent OMVs Based Conjugated Vaccine against Typhoid and Shigellosis.
7	WBSSTC/2024-25/R6/PMSFS/035908	Dr Samrat Paul	Brainware University	Fabricated (Biopatch-D): An Innovative Bioengineered Wound Dressing Material
8	WBSSTC/2024-25/R6/PMSFS/055635	Shankha Sanyal	Jadavpur University	Yoga-Music Intervention for Physical, Mental Wellbeing and Overall Literacy of School Going Population of West Bengal: An EEG Study
9	WBSSTC/2024-25/R6/PMSFS/070052	Debanjana Sen	Hooghly Mohsin College	Premenstrual Syndrome and State-Trait Anxiety Inventory (STAI-S and STAI-T): the Interrelationship

10	WBSSTC/2024-25/R6/PMSFS/014933	Mehnaz Ahmed	Presidency University	Elucidating the role of PFKFB3- driven glycolysis in Metastatic Prostate cancer progression
11	WBSSTC/2024-25/R6/PMSFS/041642	Nivedita Som	Vivekananda College For Women	Depression and self-esteem are associated with body image perception and eating attitudes: A study on urban adolescent girls
12	WBSSTC/2024-25/R6/PMSFS/014914	Sramana Bhowmick	Presidency University	Understanding the Vulnerability of Ferroptosis on Subject of Breast Cancer Subtype
13	WBSSTC/2024-25/R6/PMSFS/020133	Debdatta Saha	University of Calcutta	High Intensity Exercise Induced Changes in Oxidative Stress and Skeletal Muscle Damage in Male Endurance and Resistant Trained Athletes: a Comparative Study
14	WBSSTC/2024-25/R6/PMSFS/054004	Randrita Pal	Surendranath College	Genetic Associations Between Vitamin D Receptor polymorphisms and Vitamin D Levels in Parkinsons Disease: Insights from RFLP Analysis
15	WBSSTC/2024-25/R6/PMSFS/075440	Sabnur Parvage	University of Calcutta	Pain to Pleasure by Rutin: Anti-nociceptive and Anti-inflammatory Action of Rutin in Formalin Induced Acute Murine Pain Model
16	WBSSTC/2024-25/R6/PMSFS/045137	Nirajan Ghosal	Presidency University	Paclitaxel sensitizes Tumor Necrosis Factor-Related Apoptosis-Inducing Ligand (TRAIL) resistant breast cancer cells towards rhTRAIL mediated apoptosis
17	WBSSTC/2024-25/R6/PMSFS/023358	Avijit Mandal	Presidency University Kolkata	Molecular screening of Polycyclic Aromatic Hydrocarbons for AhR affinity in the xenobiotic pathway and evaluating its' downstream effect on lung cancer progression.
18	WBSSTC/2024-25/R6/PMSFS/113803	Sanchari Chakraborty	Surendranath College	Vitamin D Deficiency and Polycystic Ovary Syndrome: Unlocking Multifaceted Intricacy

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

19	WBSSTC/2024-25/R6/PMSFS/050413	Siddhartha Sankar Mondal	Institute of Neurosciences Kolkata	Serum Neurofilament Light Chain and Brain Morphometry in Patients with Progressive Supranuclear Palsy
20	WBSSTC/2024-25/R6/PMSFS/083648	Uttara Bakshi	Institute of Neurosciences Kolkata	Quantitative MRI and 18F-FDG PET Analysis in Epilepsy Patients: An Integrated Neuroimaging Approach
21	WBSSTC/2024-25/R6/PMSFS/093623	Sayanti Karmakar	Sister Nivedita University	Characterization of Small Airway Disease in ILD: Diagnostic Insights from Impulse Oscillometry
22	WBSSTC/2024-25/R6/PMSFS/013258	Sreemoyee Saha	Maulana Azad College	Methyl Glyoxal mediated glycation causes amyloidogenic aggregation of BSA – insights into the diabetic connection of neurodegenerative disorders
23	WBSSTC/2024-25/R6/PMSFS/124943	Debajyoti Mukherjee	University of Calcutta	Fitness Profile of Online Delivery Executives of Kolkata, West Bengal
24	WBSSTC/2024-25/R6/PMSFS/052836	Srijita Sen	Ballygunge Science College University of Calcutta	Dissecting the spirometric bronchodilator reversibility of ‘unclassified’ Obstructive Airway Disease (OAD) patients
25	WBSSTC/2024-25/R6/PMSFS/091800	Manisha Sarkar	Presidency University	Investigation of TRAIL-Induced RNA Splicing in Breast Cancer Cells
26	WBSSTC/2024-25/R6/PMSFS/113506	Ritam Mukherjee	Presidency University	Interferon- γ and Tumor Necrosis Factor- α induces cellular redox balance disruption and apoptosis in osteosarcoma cells
27	WBSSTC/2024-25/R6/PMSFS/103046	Sayantika Das	Jadavpur University	A Psycho-Physiological Study on Bharatanatyam: Tracing The Improvisational Cues in Guru-Shishya Parampara
28	WBSSTC/2024-25/R6/PMSFS/084233	Sankalita Sarkar	University of Calcutta	Visionary Insights into Hematological and Biochemical Biomarkers of Diabetic Retinopathy: An Introspective Study from Eastern India
29	WBSSTC/2024-25/R6/PMSFS/012807	Dr Sumanto Pal	All India Institute of Hygiene and Public Health Kolkata	An implementation research on decision making at ‘job-rotation’ for ‘one-eyed person’ detected at periodic health check up in a chemical factory in Orissa, India.
30	WBSSTC/2024-25/R6/PMSFS/100201	Rajorshi Dutta	R G Kar Medical College and Hospital	Comparative Macroscopic Assessment of Asphyxial Deaths: Insights from Hanging and Strangulation