

FOCAL THEME: APPLICATIONS OF EMERGING TECHNOLOGIES INCLUDING AI/ML IN SUSTAINABLE DEVELOPMENT

**Venue: Seminar Room, Department of Statistics, Derozio Building (4th Floor, Lift will go up to 3rd floor)
17th. January 2025 Technical Session- 1 (2:00PM onward)**

Sl No.	Application No.	Name of the Presenting Author	Name of the Institute/ Organization	Title of the Abstract
1	WBSSTC/2024-25/R6/FT-AETSD/111817	Sayak Konar	Brainware University	Quantum Modelling: Detection in Healthcare Imaging
2	WBSSTC/2024-25/R6/FT-AETSD/124432	Dr Tamal Chakraborty	Raja Narendralal Khan Womens College Autonomous	VCP4 – Design and Implementation of a novel 4-tier Vehicular Congestion Prediction model for Urban India
3	WBSSTC/2024-25/R6/FT-AETSD/085618	Debdas Ray	Asutosh College Kolkata	Artificial Intelligence May Be A Viable Tool in Achieving The Seventeen Sustainable Development Goals In Totality: An Analysis
4	WBSSTC/2024-25/R6/FT-AETSD/112812	Sanjay Kumar Pal	NSHM Knowledge Campus Kolkata	An AI-based Graph Colouring Approach to Information Security
5	WBSSTC/2024-25/R6/FT-AETSD/123026	Sutanu Paul	Jadavpur University	Lightweight Neural Architectures for Breast Cancer Detection Using Pruning Technique Based NAS System on Histopathological Images
6	WBSSTC/2024-25/R6/FT-AETSD/125154	Alivia Mondal	Techno India University	AI for Sustainable Public Lighting Systems: Reducing Energy Consumption in Smart Cities
7	WBSSTC/2024-25/R6/FT-AETSD/070304	Anish Bhowmick	Techno Main Salt Lake	Real-Time Deep learning based Inspection System with Spectroscopy sensor
8	WBSSTC/2024-25/R6/FT-AETSD/110929	Somshubhra Bose	Narula Institute of Technology	Acute Lymphoblastic Leukemia Detection in Microscopic Images: A Convolutional Neural Network Framework with deep learning technique
9	WBSSTC/2024-25/R6/FT-AETSD/113803	Debayan Biswas	JIS University	Control of NMD through integrated CFD and ML
10	WBSSTC/2024-25/R6/FT-AETSD/115004	Jyotirmay Deb	Brainware University	The Role of AI in Scriptwriting and the Evolution of Film
11	WBSSTC/2024-25/R6/FT-AETSD/104247	Swasti Sundar Mistry	Narula Institute of Technology	Machine Learning Techniques for Prediction of Heart Disease
12	WBSSTC/2024-25/R6/FT-AETSD/073823	Soumen Roy	University of Calcutta	Cost-Free Screening for Cognitive Health: Keystroke Analysis as an eHealth Solution