

Dr. Soumya Banerjee
Assistant Professor
Dept. of Statistics

Faculty Profile

July 2025 – June 2026

1. Delivered an **Invited talk** on “Data Analysis on CATALYSING ENTREPRENEURSHIP CULTURE & START-UP ECOSYSTEM IN NORTH BENGAL” at AICTE-ATAL FDP in IAS, University of North Bengal during August 2024.
2. Published a book chapter titled “Portfolio Optimization Using Genetic Algorithm” in the edited volume Mathematics and Computer Science for Real-World Applications in January 2025.
3. Served as Resource Person for a two-day workshop titled “*Jump Start Your Machine Learning Journey using R/Python*” at Vivekananda College, University of Calcutta in May 2025.
4. Delivered an **Invited talk** on “Statistical Analysis using non-parametric methods” in FDP on “NON-PARAMETRIC METHODOLOGIES FOR DATA ANALYSIS” organized by Operational Research Society of India (ORSI) in February 2025.
5. Served as an External Examiner for the M.Sc. Semester:1 examination of the Department of Statistics, University of Calcutta in March 2025.
6. Served as an External Examiner for B.Sc. (Hons.) Statistics, Semester: 5 examination of the Department of Statistics, Midnapore College, Vidyasagar University, in June 2025.

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7. Successfully completed the UGC-sponsored Eighth Short Term Programme on Academic Writing & Publication Ethics (Online) in November 2025 and obtained Grade ‘A’.
8. Received an Intra-Mural Research Grant of ₹2,00,000 for the project titled “*Design and Development of Nutritionally Enhanced Spreads through Statistical Modelling*” under the Intra-Mural Research Project Scheme (2026–2028) funded by St. Xavier's College Kolkata in March 2026.
9. Served as a Judge for the event “Desi Data Dash”, organised by St. Xavier’s University, in January 2026.
10. Served as a Judge for the event “Tug of Words”, organised by the Post-Graduate Department of Data Science, St. Xavier’s College (Autonomous), Kolkata, in February 2026.
11. **Convenor** of the departmental academic programme “**INSIGHT**” **since January 2026**.
12. Served as a **Core Member** of the **Seating Committee** in the **19th Convocation and Valedictory Ceremony, 2026** of St. Xavier’s College (Autonomous), Kolkata in January 2026.

