



**Name: Dr. Tanushree Biswas**

**Designation: Assistant Professor**

**Qualifications: M.Sc., Ph.D.**

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### ***Biographical Sketch***

Dr. Tanushree Biswas has a B.Sc. from St. Xavier's College, Kolkata in Mathematics (Hons.), and M.Sc. in Mathematics (Hons.) from Panjab University, Chandigarh. She received her Ph.D. degree in Mathematics from Kalyani University. Currently, she is an Assistant Professor in Quantitative Techniques at Xavier Business School (XBS), a Management School of St. Xavier's University, Kolkata, and also Assistant Director, Internal Quality Assurance Cell (IQAC), St. Xavier's University, Kolkata.

### ***Areas of Specialisation and Research***

Quantitative Techniques, Data Analytics, Interdisciplinary Applications in Mathematics & Statistics.

### ***Teaching Experience***

- Currently working as an Assistant Professor in St. Xavier's University, Kolkata since January 2018.
- Worked as an Assistant Professor in Inspiria Knowledge Campus, Siliguri from December 2016 to December 2017.
- Worked as a Guest Lecturer in North Bengal St. Xavier's College, Siliguri from August 2016 to November 2016.

**Programs Taught:** MSc (Statistics), MSc (Computer Science), MCA, M.B.A., M.Com., B.Tech., B.Sc., BCA, BBA, B.Com., BMS.

## **Administrative Responsibility**

- Convenor of the One-Week Refresher Course on “Data Analytics and Machine Learning” jointly organised by St. Xavier’s University, Kolkata and WEBEL, an IT-initiative of Govt. Of West Bengal from 21st August to 26th August 2023.
- Convenor of the Selection Committee for drafting curriculum and syllabus for the newly introduced programme of M.Sc. Statistics at St. Xavier’s University, Kolkata in 2022.
- Appointed as an Assistant Director, IQAC since May 2022 at St. Xavier’s University, Kolkata.
- Appointed as an IQAC Coordinator from July 2018 to April 2022 at St. Xavier’s University, Kolkata.
- Member of the Audit Team for Internal Audit of XIMB, Bhubaneshwar in August 2021.
- Member of Editorial Board of “St Xaviers University Kolkata Journal of Interdisciplinary Research”- a peer reviewed journal.
- Appointed as a member of various Committees/Cells at St. Xavier’s University, Kolkata such as Academic Council, Magazine Committee, Sports Committee, IQAC, Women & Gender Development Cell, Ethics Committee.
- Worked as a MOOC Coordinator at St. Xavier’s University, Kolkata.
- Appointed as the Single Point of Contact (SPOC) for the National Programme on Technology Enhanced Learning (NPTEL) Local Chapter at Inspiria Knowledge Campus, Siliguri.

## **Publications**

- “Research in Marketing: The Importance and use of Statistical Tools”; Dr. Tanushree Biswas; Emperor Journal of Marketing- Volume – II, Issue – 11, November, Year 2023. [A peer-reviewed Journal ISSN: 2583-0686 (O)]
- “Review of Learning Analytics Techniques and its Limitations in the Higher Education: A 21st century paradigm”; Dr. Tanushree Biswas, Dr. Tuhin Utsab Paul, Artificial Intelligence and Knowledge Processing: Improved Decision – Making and Prediction, Taylor & Francis, Year 2023. [Book Chapter, Scopus indexed]

- “Revisiting the Formation of Job Characteristics and its Interrelationship with Job Satisfaction: A Study on Non-teaching Employees of Private Colleges in West Bengal”; Dr. Saugat Ghosh, Dr. Shuvendu Chakraborty, Dr. Tanushree Biswas; St Xavier's University Kolkata Journal of Interdisciplinary Research (SXUKJIR); Volume 1, Year 2023, Pages 204-220. [A peer-reviewed Journal, ISSN: under process]
- “Business Analytics: Analyzing Business Data in an Effective Way”; Dr. Tanushree Biswas, International Education & Research Journal (IERJ), Volume 8, Year 2022, Pages 18-20. [A peer-reviewed Journal, E-ISSN: 2454-9916, Impact Factor Journal: 7.058(SJIF), Journal DOI: 10.21276/2454-9916, Google Scholar: h10-Index: 96]
- “Political Marketing: Grasping the realms of Contemporary India”; Tanushree Biswas, Emperor International Journal of Finance and Management Research, Volume VIII, Year 2022, Pages 01-06. [A peer-reviewed Journal ISSN: 2395-5929 (print), DOI: 10.35337]
- “Arthashastra: The system of Military Strategy and Tactics”; Dr. Tanushree Biswas, War and Literature: Critical Perspectives, Year 2022. [Book Chapter]
- “Data-Driven Decision Making: Mathematical and Statistical Challenges”; Dr. Tanushree Biswas, Multidisciplinary Approach in Research, Volume 16, Year 2022. [Book Chapter]
- “Business Analytics: Challenges and Opportunities”; Dr. Tanushree Biswas, Emperor Journal of Marketing, Volume I, Year 2022. [A peer-reviewed Journal ISSN: 2583-0686 (O)]
- “Jesuit Higher Education in the Digital Era- A Case Study”; Dr. Tanushree Biswas, Dr. Tuhin Utsab Paul, Ignatian Sparks: A Road map for Holistic Education, Volume, Year 2022, Pages 136-142. [Book Chapter]
- “Combined Properties of Finite Sums & Finite Products near Zero”; Tanushree Biswas, Journal of Research in Applied Mathematics, Volume 5, Year 2019, Pages 01-04. [A peer-reviewed Journal ISSN (o): 2394 – 0743, ISSN (p): 2394 – 0735]
- “Matrices Centrally Image Partition Regular Near 0”; New York Journal of Mathematics, Volume 21, Year 2015, Pages 601-613. [A peer-reviewed Journal ISSN: 1076-9803, indexed by Scopus]