

# ANUMITA MONDAL

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**Location:** Kolkata, India

**ResearchGate:**

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## PROFESSIONAL SUMMARY

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I am an Assistant Professor at Adamas University with 1 year of teaching experience and a research scholar at Visva-Bharati University. I have qualified UGC-NET (2020) and SET (2023) and am currently mentoring a student project. I am seeking opportunities to share my knowledge and teaching expertise while advancing my academic career.

## EXPERIENCE

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**Adamas University – Kolkata, India**

**Assistant Professor | Dept of Mathematics, (01/2024-Current)**

- I am an Assistant Professor in the Department of Mathematics at Adamas University, where I have been contributing to teaching and academic development for the past year. My teaching portfolio includes courses such as Statistical Inference, Linear Regression Models, Applied Statistics, Statistical Quality Control, and Mathematics for BCA.
- In addition to my teaching responsibilities, I actively engage in mentoring and research guidance. Currently, I am supervising a student undertaking a project under my guidance, fostering analytical thinking and hands-on experience in statistical methodologies.

**Visva Bharati University– Santiniketan, West Bengal, India**

**Research Scholar | Full-Time | Dept of Statistics, (12/2020-1/2024)**

- In this period, I am doing my research as a full-time research scholar. Beside this I also taking classes of undergraduate minor classes in the institute. Additionally, to my teaching responsibilities, I actively engage in mentoring and research guidance.

## EDUCATION

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**Ph.D. Statistics | 2020- Current**

Visva Bharati University – Visva Bharati University, West Bengal

**M.Sc. Statistics | 2013- 2015**

Visva Bharati University – Visva Bharati University, West Bengal

**B.Sc. (Honours) Statistics | 2010-2013**

Visva Bharati University – Visva Bharati University, West Bengal

## AREA OF INTEREST

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- Probability Theory
- Vital Statistics and Demography
- Statistical Quality Control
- Linear Regression Modelling
- Hypothesis Testing

## SOFTWARES & TOOLS

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- R/R-Studio
- MS-Excel

## PUBLICATIONS

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- **Reliability Acceptance Sampling Plan for One Parameter Polynomial Exponential Distribution**, Anumita Mondal, Sudhansu S. Maiti, Reliability: Theory & Applications, 09/03/23, 3, 74, 596-609, <https://doi.org/10.24412/1932-2321-2023-374-596-609>.

- **Two-stage group reliability acceptance sampling plan for Lindley distribution**, Anumita Mondal, Sudhansu S. Maiti, Life Cycle Reliability and Safety Engineering (2024) 13:243–254.

#### HONOURS & AWARDS

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- UGC NET | 2020
- WBSET | 2023

#### CONFERENCES / WORKSHOPS

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- **Eleventh International Triennial Calcutta Symposium, 2024**, organized jointly by the Department of Statistics, University of Calcutta and Calcutta Statistical Association on December 27-30, 2024, Repetitive Sampling Inspection Plan under Truncated Life test based on One Parameter Polynomial Exponential Distribution.
- **International Conference on Recent Advances in Mathematics, Statistics, and Data Science 2024** held at Adamas University Kolkata West Bengal, India during 27-28 November, Two-Stage Group Acceptance Sampling Plan for Truncated Life-test Based on Lindley Distributed Quality Characteristic
- **Appscicon-22**, School of Applied Science and Technology, Maulana Abul Kalam Azad University of Technology, West Bengal, India, Reliability Acceptance Sampling Plan for Lindley Distributed Quality Characteristic
- **International Symposium on Probability and Statistics: New Frontiers**, Department of Statistics, University of Calcutta, and Calcutta Statistical Association, Reliability Acceptance Sampling Plan for the xgamma Distributed Quality Characteristic
- **Basic Statistical methods and R-Programming**, Agricultural & Ecological Research Unit, Indian Statistical Institute, Kolkata

#### REFERENCE

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- Prof. Sudhansu S. Maiti, (+91)9434013574, sudhansu.maiti@gmail.com
- Dr. Arindom Chakraborty, (+91) 9433115471, arindom.chakraborty@visva-bharati.ac.in