

Agniva Das

Assistant Professor

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Fields of Interest

- Statistical Inference
- Theory of Probability and its Distributions
- Advanced Statistical Analysis & Modelling
- Machine Learning
- Marketing Research
- Artificial Neural Networks

Educational Degrees

- **PhD (Pursuing)**
 - Department of Statistics, Faculty of Science, The Maharaja Sayajirao University of Baroda, Vadodara, Gujarat, 2019
 - On the topic "*Some Contributions to Modelling and Detecting Anomalous Behaviour in Temporal Networks*"
 - Under the guidance of **Dr. K. Muralidharan**, Professor, Department of Statistics, Faculty of Science, The Maharaja Sayajirao University of Baroda, Vadodara, Gujarat
- **MSc Statistics**
 - Department of Statistics, Sardar Patel University, Anand, Gujarat, 2018
 - CGPA 6.1
 - Specialization in Financial Statistics
 - Attended a certified course in Bio Statistics
- **BSc (Hons) Statistics**
 - Bidhannagar Government College, Kolkata, West Bengal, 2015
 - Affiliated under West Bengal State University
 - Subjects covered: Statistics (Honours), Mathematics & Economics
 - Honours' Percentage 48.5%
- **Higher Secondary**
 - Bhavan's Gangabux Kanoria Vidyamandir, Kolkata, West Bengal, 2011
 - Affiliated under CBSE
 - Subjects: English, Bengali, Economics, Mathematics, Accountancy, Business Studies.
 - Percentage 74.5%
- **Secondary**
 - Aditya Academy (Secondary), Kolkata, West Bengal, 2009
 - Affiliated under CBSE
 - Overall Percentage 83.33%

Peripheral Academic Achievements

1. Cleared the **Graduate Aptitude Test in Engineering (GATE) 2019**, conducted by **Indian Institute of Technology (IIT), Madras**, in the subject of **Statistics** with All India Rank **38**.
2. Cleared the **Gujarat State Eligibility Test (GSET) 2018**, conducted by **Maharaja Sayajirao University (MSU) of Baroda**, in the subject of **Mathematical Sciences**.
3. Ranked 1st in a Case Study Paper Presentation based on a paper titled “*A Study of Demand Oriented Consumer Behavioural Dynamics Concerning Audio-Visual Media Sector*” at the Two-day UGC-SAP (I) – DRS (II) sponsored National Level Seminar on “*Recent Advances in Statistics for Industries and Corporates*” held in the Dept. of Statistics, Sardar Patel University, VVN, Anand, Gujarat.
4. Took a certified course in SPSS of 60 hours, undergoing extensive training in Data Capturing and Statistical Analysis, securing a B grade.
5. Undertook the statistical analysis of several independent interdisciplinary research projects, in the fields of Psychology, Management, and Medicine.

Present Position

Adhoc Assistant Professor of Applied Statistics, Department of Statistics, Sardar Patel University, Vallabh Vidyanagar, Anand, Gujarat 388120
(August 2018 – Present)

Prior & Peripheral Experience

- Have delivered talks on various topics related to Statistics, and Statistical Programming, the most recent ones being those on “*Problems related to questions on Linear Models in CSIR-NET/SET/GATE*” held at **The Maharaja Sayajirao University of Baroda**, (Vadodara, Gujarat), and “*Statistical Inference & Time Series Analysis comprehensive in R Language*” held at **Sardar Patel University**, (Anand, Gujarat).
- Have conducted Guest Lectures at B. Sc. Level for Statistics Courses as well as for subsidiary courses, at several institutes (e.g. Charusat University, B. H. Patel Medical College, etc.) in subjects like Probability Theory, Statistical Quality Control, Statistical Inference, Biostatistics basics, Clinical Trials, Basic Statistical Programming and Algorithm Development using R, Microsoft Excel, Minitab and SPSS among others.
- Have worked at **PromotEdge Global Services**, Kolkata, as a Marketing Management Intern for 6 months from June – Dec 2015.
- Have collaborated with **Qbex Solutions**, Kolkata, for development of a Rating System for estimating TRP of various TV commercials through a Feedback-Based Data Stream, in association with Siti Group.

Additional Skills

- Seasoned Data Modeller; acquainted with advanced models and techniques.
- Acquainted with cognitive algorithm development.
- Skilled in multiple computational tools and programming languages like **R** (advanced, including additional depth in modeling & analytical packages like *dplyr*, *caret*, *e1071*, *nnet*, *rpart*, *boot*, *lavaan*, among others, and visualization tools, like *ggplot2*, *plotly*, etc.), **C++**, **Python** (rudimentary with acquaintance in packages like *numpy*, *pandas*, *matplotlib*, among others), **MS-Excel**, **SPSS**, **Minitab**.

Co-curricular Achievements

- Ardent Quiz buff; have won many accolades in quiz competitions, over the years, the most recent being 3rd place in the Inter-College Quiz Competition held at the Youth Festival 2016, Sardar Patel University, VVN, Anand.
- Seasoned musician; trained in the field of Percussions (the *Tabla* primarily; but acquainted with the Drums as well as Latin American Percussions). Completed more than five years of conventional exam-based training at *Sanchari Sangeetayatan* under *Bangiya Sangeet Parishad*; proper “*Taaleem*” taken under Pt. Samar Saha, *ITC Sangeet Research Academy*, Tollygunge, Kolkata, WB; also have a working knowledge of the Guitar; have lent Vocals on many stage shows as well.

Personal Information

Date of Birth	September 2, 1992
Place of Birth	Kolkata, West Bengal
Nationality	Indian
Languages known	English, Bengali , Hindi, Gujarati, Marathi

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