

Ms. DITHI BHATTACHARYA

State Aided College Teacher

Location: Kolkata, West Bengal

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Confident in taking challenges in the field of teaching and learning with expanding scopes of various topics and research possibilities

CORE STRENGTH

Teaching & Academics

Statistical programming

Big data analysis

EDUCATION

- **M Sc in Applied Statistics and Mathematics**, IIT Bombay, Mumbai, India, 2011
- **B Sc in Statistics Honours**, St. Xavier's College (Autonomous) affiliated under University of Calcutta, 2009

ACADEMIC PROJECT

- M SC (2011): "Confidence Interval of Binomial Proportion (An alternative search on confidence interval of Binomial proportion based on coverage properties)" under the guidance of Prof (Dr.) Ashish Das, IIT Bombay
- May 2010 to June 2010: "Generalised Behrens-Fisher Problem" under the guidance of Prof. (Dr). Uttam Bandopadhyay, Dean of Science, University of Calcutta

ACHIEVEMENTS

- Qualified **JAM** in **2009** with AIR 60

SEMINARS AND WORKSHOPS

- Attended workshop for syllabus orientation programme organised by department of Statistics, University of Calcutta, May 2021

PROFILE SUMMARY

- Senior academician with over 10 years experiences in various organization
- Proven expertise in teaching undergraduate students for years
- Competent in handling statistical softwares: C++, R, SAS, MATLAB

WORK EXPERIENCE

Jan 2020- Present: SACT, Department of Statistics, Basanti Devi College, Kolkata

Aug 2017 – Jan 2020: Contractual Whole Time Teacher, Department of Statistics, Basanti Devi College, Kolkata

Sep 2014 – May 2017: Guest Lecturer, Department of Statistics, Basanti Devi College, Kolkata

Key Responsibilities

- Teaching undergraduate students of Statistics Honours
- Teaching undergraduate students with Statistics as Generic Elective
- Guiding and supervising students in academic projects
- Performing as examiner, question paper setter for examinations arranged by University of Calcutta for Statistics B.Sc. course

Sep 2015 – May 2017: Muralidhar Girls College, Department of Statistics, Guest Lecturer

Key Responsibilities:

- Teaching undergraduate students of Statistics Honours
- Teaching undergraduate students with Statistics as Generic Elective
- Performing as examiner for examinations arranged by University of Calcutta for Statistics B.Sc. course

June 2015 – July 2015: Visiting Lecturer, National Institute of Electronics and Information Technology, Kolkata

Key Responsibilities:

- Conducted a course named Big Data Analytics using R
- Teaching elements of Statistics and big data analysis and R language

- Attended workshop for syllabus orientation programme organised by department of Statistics, University of Calcutta, May 2020
- Attended workshop for syllabus orientation programme organised by Department of Statistics, University of Calcutta, Aug 2019
- Participated one day seminar on Probability and Statistics organised by Department of Statistics, Basanti Devi College, Apr 2019
- Attended one day National seminar on Big Data, organised by Department of Statistics, Vivekananda College, June 2018
- Attended Seminar on Probability, organised by Department of Statistics, Basanti Devi College, Sep 2014
- Attended 8th International Triennial Symposium on Probability and Statistics, organised by Calcutta University, Dec 2012

INTERESTS

- Statistical Inference, Design of Experiment, Regression Analysis
- Theatre, reading to literature, travelling

PERSONAL DETAILS

- Date of Birth: 14 Dec 1987
- Languages Known: Bengali, English, Hindi
- Address: E/5, Ramchandra Pally, Barisha, Kolkata – 700008

Aug 2011 – May 2013: Asutosh College, Department of Statistic, Guest Lecturer

Key Responsibilities:

- Teaching undergraduate students of Statistics Honours and as Generic Elective

Jan 2011- Apr 2011: Teaching Assistant Department of Mathematics, IIT Bombay

Key Responsibilities:

- Assisting B. Tech students with their statistical curriculum
- Preparing study material and providing solutions with tutorial classes

ACADEMIC PROFILE

Degree	University/Board	Year	Marks
M. Sc. In Applied Statistics and Informatics	IIT, Bombay	2009-2011	7.18 (CPI)
B.Sc. in Statistics (Honours)	St. Xavier's College, Kolkata (Autonomous) affiliated under University of Calcutta	2006-2009	6.76 (CGPA)
Higher Secondary (10+2) th	West Bengal Council of Higher Secondary Education (WBCHSE)	2006	86.4%
Secondary (10 th) Examination	West Bengal Board of Secondary Education (WBSE)	2004	92.0%

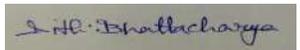
TECHNICAL SKILLS

- Learned and experience in statistical programming language R in solving problems and research
- Learned and teaching experience in programming language C++
- Learned statistical programming language SAS
- Learned programming language MATLAB
- Learned to use MINITAB and EXCEL for various statistical analysis
- Experienced in writing scientific reports and articles using LATEX

DECLARATION

I hereby assuring that, the above-furnished information's are true to best of my knowledge.

Place: Kolkata



Dithi Bhattacharya