
CURRICULUM VITAE OF BIPLAB BISWAS



OFFICIAL ADDRESS

Assistant Professor
Department of Statistics
Bangabandhu Sheikh Mujibur Rahman Science & Technology
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CAREER OBJECTIVE

To contribute as a researcher in the field of public health and Bioinformatics (scRNA-seq Data Analysis) and build myself as a proficient teacher.

PRESENT STATUS

Assistant Professor, Department of Statistics, Bangabandhu Sheikh Mujibur Rahman Science & Technology University, Gopalganj-8100, Bangladesh

ACADEMIC QUALIFICATION

MS (2013)	Completed one year MS course from the Institute of Statistical Research and Training (ISRT) in Applied Statistics, University of Dhaka, Dhaka, Bangladesh. Obtained CGPA 3.61 out of 4.00.
Subject Studied	1. Applied Bayesian Statistics, 2. Environmental Statistics, 3. Advanced Survival Analysis, 4. Applied Multivariate Techniques, 5. Analysis of Repeated Measurements, 6. Statistical Signal Processing, 7. Comprehensive Statistical Computing
Thesis Title	Estimation of Concordance Statistics for Logistic Regression Model (Thesis presentation held in 2014)
Thesis Supervisor	Dr. M. Shafiqur Rahman, Professor, Institute of Statistical Research and Training (ISRT), University of Dhaka, Dhaka, Bangladesh.
Medium of Instruction	English
BS (2012)	Completed 4 years BS (Hons.) course from the Institute of Statistical Research and Training (ISRT) in Applied Statistics, University of Dhaka, Dhaka, Bangladesh. Obtained CGPA 3.61 out of 4.00.

Subject Studied	Elements of Applied Statistics and Probability, Linear Algebra, Calculus, Principles of Economics, Demography, Regression Analysis and Diagnostics, Basic and Advanced Econometrics, Probability and Sampling Distribution, Experimental Design, Sampling Techniques, Epidemiology, Research Methodology, Multivariate Analysis, Social Statistics, Survival Analysis, Industrial and Actuarial Statistics, Statistical Inference, FORTRAN, C, R, MATLAB, STATA, SAS and SPSS programming language etc.
Project Title	Progress of Bangladesh ODI Cricket Team: An Investigation of Control Chart Application (Project presentation held in 2012).
Project Supervisor	Dr. Mohammad Shahed Masud, Professor, Institute of Statistical Research and Training (ISRT), University of Dhaka, Dhaka, Bangladesh.
Medium of Instruction	English
H.S.C. (2007)	Passed two (02) years Higher Secondary Certificate (H.S.C.) examination from Sheikh Mujibur Rahman Degree College, Gopalganj, Dhaka, Bangladesh with GPA 4.90 out of 5.00.
Subject Studied	Bengali (Language and Literature), English (Language and Literature), Physics, Chemistry, Mathematics (General and Higher), Biology.
S.S.C. (2005)	Passed five (05) years Secondary School Certificate (S.S.C.) examination from Saptopoli Zoaria High School, Gopalganj, Dhaka, Bangladesh with GPA 5.00 out of 5.00.
Subject Studied	Bengali (Language and Literature), English (Language and Literature), Social Science, Mathematics (General and Higher), Physics, Chemistry, Biology and Hindu Religion Studies.

COMPUTER SKILLS

Programming with FORTRAN, C, R, MATLAB, STATA, SAS and SPSS.

LANGUAGE SKILLS

English (Moderately Fluent), Bengali (Mother Tongue)

PROFESSIONAL EXPERIENCES

27 May 2017 to Present	:	Assistant Professor , Department of Statistics , Bangabandhu Sheikh Mujibur Rahman Science & Technology University, Gopalganj-8100, Bangladesh.
01 September 2014 to 26 May 2017	:	Lecturer , Department of Statistics , Bangabandhu Sheikh Mujibur Rahman Science & Technology University, Gopalganj-8100, Bangladesh.

TEACHING EXPERIENCE

I have teaching experience regular courses of Statistics at undergraduate and graduate level. Some of them are listed below:

1. Principles of Statistics
2. Introduction to Demography
3. Regression Analysis
4. Statistical Inference I
5. Generalized Linear Models
6. Introduction to R
7. Design of Experiments I
8. Multivariate Analysis
9. Sampling Techniques
10. Comprehensive Statistical Computing

RESEARCH EXPERIENCE

1. Completed one year research works with entitle “*Estimation of Concordance Statistics for Logistic Regression Model*” and submitted a dissertation in partial fulfillment of the requirements for the degree of MS in Applied Statistics to the Institute of Statistical Research and Training (ISRT), University of Dhaka, Dhaka, Bangladesh.
2. Completed six months project works with entitle “*Progress of Bangladesh ODI Cricket Team: An Investigation of Control Chart Application*” and submitted a dissertation in partial fulfillment of the requirements for the degree of BS in Applied Statistics to the Institute of Statistical Research and Training (ISRT), University of Dhaka, Dhaka, Bangladesh.

JOURNAL PAPER

1. **Biswas B**, Kumar N, Hoque MA, Alam MA. Weighted scaling approach for metabolomics data analysis. Japanese Journal of Statistics and Data Science. 2023 May 10:1-8.
 2. **B. Biswas**, S. Biswas, M.M. Husain NK and KK. TRENDS OF SOCIOECONOMIC INEQUALITY IN CHILD AND MOTHER’S HEALTH INDICATORS IN BANGLADESH B. J Sci Technol. 2023;21 (June):96–106.
 3. **Biswas B**, Husain M, Rahman MS. REVIEW AND EVALUATION OF THE CONCORDANCE MEASURES FOR ASSESSING DISCRIMINATION IN THE LOGISTIC REGRESSION MODELS. Journal of Statistical Research. 2019;53(1):63-77.
 4. **Biswas B**, Husain M, Ara A and Husna A. MODELING TOTAL NUMBER OF CHILD DEATH UNDER-5 AGE IN HOUSEHOLD OF BANGLADESH USING ZERO INFLATED NEGATIVE BINOMIAL REGRESSION. International Journal of Applied Science and Research. 2019; 2 (4): 17-22.
 5. Hossain M, Islam M, **Biswas B**, Hossain M. The impact of students “Socio-economic condition on academic performance in public and national university of Bangladesh”. Asian Research Journal of Mathematics. 2017 Jan 10;7(3):1-6.
 6. **Biswas B**, Hossain MM, Hossain MK. Application of Binary Logistic Regression Model for Assessing the Caesarean Risk Factors in Bangladesh: A Case Study of Khulna and Gopalganj District. American Scientific Research Journal for Engineering, Technology, and Sciences
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(ASRJETS). 2016;26(4):1-6.

7. **Biswas B, and** Wahiduzzaman M. MODELING AND FORECASTING GDP AT CURRENT MARKET PRICE IN BANGLADESH: AN APPLICATION OF ARIMA MODEL. Int. J. of Adv. Res. 2017, Feb, 5(2): 1223-1232.

REFERENCES

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Training (ISRT), University of Dhaka,
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PERSONAL DATA

Father's Name : Birat Biswas
Nationality : Bangladeshi (by birth)

Mailing Address

Assistant Professor, Department of Statistics,
Bangabandhu Sheikh Mujibur Rahman
Science and Technology University,
Gopalganj, Bangladesh

Religion : Sonatan
Marital Status : Married
Sex : Male

Permanent Address

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