

CURRICULUM VITAE

MD. MAHSIN

CONTACT INFORMATION

Lecturer, Applied Statistics
Institute of Statistical Research & Training
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PERSONAL DETAILS

Gender: Male
Date of birth: 5th of March, 1982
Place of birth: Patuakhali, Bangladesh

Religion : Islam
Marital Status : Married
Present Citizenship: Bangladeshi

EDUCATION

- 2006 (held in 2008) Master of Science in Applied Statistics, University of Dhaka, Dhaka-1000, Bangladesh (First Class First Position).
Dissertation: *An Application of Bayesian Methods to the Population Forecasting of Bangladesh*. [Abstract]; Supervisor: Prof. Dr. Syed Shahadat Hossain.
- 2005 (held in 2007) Bachelor of Science in Applied Statistics, University of Dhaka, Dhaka-1000, Bangladesh (First Class First Position).
Project title: *Effect of Skewness and Kurtosis on Relative Precision of Ranked Set Sampling (RSS) and Median Ranked Set Sampling (MRSS)*; Supervisor: Prof. Dr. Syed Shahadat Hossain.
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WORKING EXPERIENCE

- 09/2009–Present Lecturer, Applied Statistics, Institute of Statistical Research and Training (ISRT), University of Dhaka, Dhaka-1000, Bangladesh.
- 01/2009–08/2009 Graduate Teaching Assistant, Department of Economics, East West University, Mohakhali, Dhaka 1212, Bangladesh.
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TECHNICAL SKILLS

- Computing platforms: Linux / UNIX, Windows
 - Statistical software: SAS ; R / S-plus ; SPSS ; FORTRAN ; MATLAB ; WinBUGS and Stata.
 - Text formatting and office computing: LaTeX and Words.
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HONORS AND AWARDS

- Moulovi Ahmed Memorial Scholarship for First Year Result.
 - ISRT Merit and Fazlul Huq Muslim Hall Scholarships.
 - Mutual Trust Bank Scholarship in cooperation with Dhaka University Alumni Association.
 - UNFPA Research grants to accomplish the Master's dissertation.
 - University Grant Commission Scholarship in cooperation with Janata Bank based on Honours result from the Faculty of Science, University of Dhaka.
 - Provost Award (2010) for securing first position in undergraduate program.
 - Book Prize (2011) for securing first position in both undergraduate and graduate programs.
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CONFERENCE PRESENTATIONS

- **Md. Mahsin** and Hossain S. S. (2010). Population Forecasting of Bangladesh using Bayesian Methods, *The First International Conference on Theory and Applications of Statistics*, 26-28 December 2010, University of Dhaka, Dhaka-1000, Bangladesh.
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PUBLICATIONS

- **Md. Mahsin**, Yesmin Akhter and Monira Begum (2012). Modeling Rainfall in Dhaka Division of Bangladesh Using Time Series Analysis, *Journal of Mathematical Modelling and Application*, Vol. 1 (5) : 67-73 .
- Abul Kalam Azad and **Md. Mahsin** (2011). Forecasting Exchange Rates of Bangladesh using ANN and ARIMA Models : A Comparative Study, *INTERNATIONAL JOURNAL OF ADVANCED ENGINEERING SCIENCES AND TECHNOLOGIES* , 10 (1) : 31-36.
- **Md. Mahsin** and Hossain S. S. (2011). Population Forecasts for Bangladesh using a Bayesian Methodology, *Journal of Health, Population and Nutrition*,(accepted).
- Yesmin Akhter, **Md. Mahsin** and Mohammad Zakaria Mohaimin (2011). An Application of Factor analysis on gross domestic product data of Bangladesh, *Green University Review* Vol. 2 (2) : 149-166.
- **Md. Mahsin** and Hossain S. S. (2010). Population Forecasting of Bangladesh using Bayesian Approach: Bayesian Approach Application to Demography, *VDM Verlag Dr. Müller, Available at Amazon.com*.
- **Md. Mahsin** and Hossain S. S. (2009). Population Projection of Bangladesh using MCMC Technique in Bayesian Inference, *South Asian Journal of Population and Health*, 2(1) : 89-98.

RESEARCH INTERESTS

Biostatistics and Epidemiology, Bayesian statistics, Applied Longitudinal Data Analysis, Statistics for Public Health, Modelling Time Series Data.

COURSES TAUGHT

Graduate Courses : Analysis of Repeated Measurements, Environmental Statistics.

Undergraduate Courses : Generalized Linear Models, Modelling Time Series Data, Population Studies.

PROFESSIONAL MEMBERSHIPS

Life Member, Bangladesh Statistical Association (BSA).

REFERENCES

These persons are familiar with my professional qualifications and my character:

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