

# Curriculum Vitae

**Md. Abu Shahin, Ph.D.(RU)**

B.Sc. (Honours), M.Sc. (Thesis)

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## Career Objective

I am looking for a job which is properly related to the research and teaching of statistics in any organizations in Bangladesh or any other countries. And, I am highly interested to be well established in a challenging field through hard work, honesty, sincerity, and real talent where presentation skill, equality and ethics are strongly evaluated.

## Areas of Research Interest

Time Series Analysis and Forecasting, Statistical Inference, Longitudinal Data Analysis, Econometrics, Stochastic Process and Model Building.

## Academic Qualification

Name of Examination	Board/ University	Year of Passing	Group/ Subject	Division/Class/GPA with Position	% of marks
S.S.C	Rajshahi Board	2000	Science	First Division	69.3
H.S.C	Rajshahi Board	2004	Science	GPA- 3.10 out of 5.00	...
B.Sc. (Honours)	Rajshahi University	2009	Statistics	First Class First	75.09
M.Sc. (Thesis)	Rajshahi University	2010	Statistics	First Class First	76.88
Ph.D.	Rajshahi University	2017	Statistics	Awarded	...

## Personal Information

Name	:	Md. Abu Shahin
Father's Name	:	Md. Abdul Quddus
Mother's Name	:	Mst. Rohima Khatun
Present Address	:	Lecturer of Statistics, Agrani School and College, RUET Campus, Rajshahi.
Permanent Address	:	Village: Hazrahati, Post Office: Hatshira, Post Code: 6710 Upazila: Kazipur, District: Sirajganj
Date of Birth	:	February 25, 1985
Nationality	:	Bangladeshi
Religion	:	Islam (Sunni)
Sex	:	Male
Marital Status	:	Married
Home District	:	Sirajganj
Blood Group	:	AB+
National ID No.	:	6871039373

## Experience

Post	Organization	Duration
Assistant Research Officer	Environmental Research Group, Department of Statistics, Rajshahi University	01/08/2010 to 31/10/2011
Data Entry Operator	Environmental Research Group, Department of Statistics, Rajshahi University	10/11/2011 to 31/05/2012
Assistant Research Officer	Health Research Group, Department of Statistics, Rajshahi University	01/06/2012 to 12/10/2015
Lecturer of Statistics	Agrani School and College, RUET Campus, Rajshahi	14/11/2019 to till now

## Computer Literacy

Having Computer Literacy about Fundamental of Computer Operating System, Computer Networking, Microsoft Word, Microsoft Excel, Microsoft PowerPoint, Microsoft Access, FORTRAN, C/C++, R, Simulation, Maple, EViews, MatLab, SPSS, MINITAB, STATISTICA, Visual Basic, Oracle/SQL Server, Hardware & Trouble Shouting, Internet Browsing and Web Applications.

## Computer Course

1. Certificate on Computer Courses, Partial Fulfillment of the Requirements for the Four-Year Integrated B.Sc. (Honours) Degree in Statistics of the Year 2009, Roll No.: 06024773, Reg. No.: 0567, University of Rajshahi, Rajshahi.
2. Statistical Computing Certificate Course, Three-Month, Reg. No.: 1006012, Department of Statistics, University of Rajshahi, Rajshahi.
3. Database Programming, Six-Month (360 Hours), Reg. No.: 726779, Session: July-December, 2014, Karigori Proshikkon Academy (23125), Rajshahi, Result: A+.

## Language Proficiency

**English:** Reading- High, Writing- Medium, Speaking- Medium

**Bengali:** Excellent in Speaking, Reading & Writing

## M.Sc. Thesis

**Title:** Time Series Model Building and Forecasting on Climate Data in Bangladesh: Univariate and Multivariate Approaches.

## Ph.D. Fellow

**Title:** Prediction of Final Stature from a New 3D Two-Stage Growth Model.

## Abstract Publication

1. **Shahin MA**, Ali MA (2012). Vector Auto regression (VAR) Model Building and Forecasting on Climate data in Bangladesh. *Abstract in the Proceeding: International Symposium of Science for Society*. pp: 76, ISBN: 978-984-33-4983-6, Dhaka.
2. Rashid MM, **Shahin MA**, Ali MA (2012). Time Series Modeling and Forecasting the Share Price Indices of Dhaka Stock Exchange: Analysis with Intervention & Heteroskedasticity. *Abstract in the Proceeding: International Symposium of Science for Society*. pp: 74, ISBN: 978-984-33-4983-6, Dhaka.
3. **Shahin MA**, Rashid MM, Ali MA (2011). Uses Abuses and Limitation in Time Series Analysis. *Abstract in the Seminar of Golden Jubilee*. pp: 47, Department of Statistics, University of Rajshahi, Rajshahi.

## Article Publication

1. **Shahin MA**, Ali MA, Ali ABMS (2013). An Extension of Generalized Triphasic Logistic Human Growth Model. *Journal of Biometrics and Biostatistics* 4: 162. doi:10.4172/2155-6180.1000162. **This article has been included in M.Sc. syllabus as one of the texts of a course, namely Medical Statistics and Human Growth Modeling (Course: M-STAT 508) of Statistics Department, Rajshahi University.**
2. Huq MM, Rahman MM, Rahman MS, **Shahin MA**, Ali MA (2013). Analysis of Volatility and Forecasting General Index of Dhaka Stock Exchange. *American Journal of Economics*. Vol. 3(5), pp: 229-242, DOI:10.5923/j.economics.20130305.04.
3. **Shahin MA**, Ali MA, Ali ABMS (2014). Chapter 2: Vector Autoregression (VAR) Modeling and Forecasting of Temperature, Humidity, and Cloud Coverage. *Islam et al. (eds.), Computational Intelligence Techniques in Earth and Environmental Sciences*, Springer Dordrecht Heidelberg New York London, pp: 19-51, DOI:10.1007/978-94-017-8642-3\_2, ISBN 978-94-017-8642-3 (eBook).
4. Ferdous A, **Shahin MA**, Ali MA (2014). Chapter 4: Time Series Model Building and Forecasting on Maximum Temperature Data. *Islam et al. (eds.), Computational Intelligence Techniques in Earth and Environmental Sciences*, Springer Dordrecht Heidelberg New York London, pp: 79-91, DOI:10.1007/978-94-017-8642-3\_4, ISBN 978-94-017-8642-3 (eBook).
5. **Shahin MA**, Huq MM, Hasan F, Ali MA, Ali ABMS (2016). Time Series Analysis, Modeling and Forecasting of Climate Variable Rainfall: A Case Study of Rajshahi District in Bangladesh. *International Journal of Advanced Research and Review*. Vol. 1(1), pp: 71-81.
6. **Shahin MA**, Ali MZ, Khalek MA, Ali MA (2022). A Note on the LASSO Model for Predicting Vital Capacity. *International Journal of Statistical Sciences*. Vol. 22(1).

## Articles under Process

1. **Shahin MA**, Ali MA (2015). Application of Japanese Longitudinal Data on Higher Dimensional Growth Model.
2. **Shahin MA**, Ali MA, Ali ABMS (2013). Time Series Analysis and forecasting of Wind Direction with its Label of Beaufort in Rajshahi Division of Bangladesh Using Markov Chain Models.
3. Hosen MB, Ali MA, **Shahin MA**, Ali ABM (2013). Mathematical Relationship between  $R^2$  with and without Intercept Term in Linear Regression.
4. **Shahin MA**, Ali MA, Ali ABMS (2013). Searching Interrelationship and Forecasting of the Climate Variables Using Vector Autoregression Modeling Approach.
5. Ali ABMS, **Shahin MA**, Ali MA, Dodd R (2013). A New Robust Estimator for Short Term Solar Radiation Forecasting in Support of Smart Grid Implementation.
6. **Shahin MA**, Ali MA, Ali ABMS (2013). Modeling of annual maximum monthly rainfall using generalized extreme value distribution in Bangladesh.

## Awards

1. Shah Makhдум Hall Talent Award for First Class Position in the B.Sc. (Honours) Examination.
2. Khandkar Manwar Hossain Memorial Award for the First Class First Position in the B.Sc. (Honours) Examination.
3. Talent Award for First Class First Position in the M.Sc. Examination.

## Participate in

### Workshop:

1. International Workshop on Uses, Abuses and limitation of Statistics in Different Field Possible Expectations, 24 December, 2011.
2. Workshop on Calculus I for Machine Learning, 28-30 July 2011.
3. Workshop on Probability Theory and Applications in Machine Learning, 09-10 September 2011.
4. Workshop on Matrix Analysis and Their Applications in Statistical Learning Theory, 30-01 October 2011.
5. Workshop on Multivariate Calculus for Machine Learning, 25-26 November 2011.
6. Workshop on Bioinformatics, 23-24 March 2012.
7. International Workshop on Health Statistics, 20-21 April 2012.
8. Workshop on Digital Signal and Image Processing, 25-26 May 2012.
9. Workshop on Environmental Analysis under Climate Change, 27-28 July 2012.
10. Workshop on Optimization, 21-22 September 2012.

## Conference

11. International Conference on Statistical Data Mining for Bioinformatics Health, Agriculture and Environment, 21-24 December, 2012.

## Speaker

1. Title 'Uses Abuses and Limitation in Time Series Analysis'. *International Workshop on Uses, Abuses and limitation of Statistics in Different Field Possible Expectations*, 24 December, 2011.

## Contributed Speaker

1. Title 'Higher Dimensional Growth Model: An Extension of the Bock, Thissen and du Toit (BTT) Model'. *International Conference on Statistical Data Mining for Bioinformatics Health, Agriculture and Environment*, 21-24 December, 2012.
2. Title 'Vector Autoregression (VAR) Modeling and Forecasting on Temperature, Humidity and Cloud Coverage of Rajshahi District'. *International Conference on Statistical Data Mining for Bioinformatics Health, Agriculture and Environment*, 21-24 December, 2012.
3. Title 'Time Series Model Building and Forecasting on Maximum Temperature Data for Rajshahi Station of Bangladesh'. *International Conference on Statistical Data Mining for Bioinformatics Health, Agriculture and Environment*, 21-24 December, 2012.

## Reference

Dr. Md. Ayub Ali Professor Department of Statistics University of Rajshahi Rajshahi-6205, Bangladesh E-mail: ayubali67@yahoo.com Mobile No.: 01556-310294	Dr. Md. Rezaul Karim Professor Department of Statistics University of Rajshahi Rajshahi-6205, Bangladesh E-mail: mrezaulkarim@yahoo.com Mobile No.: 01726-433752
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I, the undersigned, certify to the best of my knowledge and belief that the mentioned data are correct with describe my qualification, my experience and me.

## Signature



(Md. Abu Shahin)

Date: 24.03.2022