

Curriculum Vitae of Md. Moyazzem Hossain

01. Contract Address

Md. Moyazzem Hossain
Associate Professor
Department of Statistics
Jahangirnagar University
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02. Academic Qualifications:

- **Master of Philosophy (M. Phil.)** (Statistics) in 2012 (held in 2017) from Jahangirnagar University; Session: 2008-09 to 2011-2012; Awarded; Part-I: 74% Marks.
- **Master of Science (M. S.)** (Statistics) in 2004 (held in 2006) from Jahangirnagar University; Session: 2003-04; First Class (1st position); 72% Marks.
- **Bachelor of Science (B.Sc.)** (Statistics) in 2003 (held in 2005) from Jahangirnagar University; Session: 1999-2000 to 2002-2003; First class (3rd position); 67% Marks.
- **Higher Secondary Certificate (HSC)** (Science) in 1999 from Ullapara Science College, Rajshahi Board; Session: 1997-1998; First division; 72.7% Marks.
- **Secondary School Certificate (SSC)** (Science) in 1997 from Koyra High School, Rajshahi Board; Session: 1995-1996; First Division; 72.4% Marks.

03. Current Position and Academic Experiences:

- 30 NOV -2017 – Till date **Associate Professor**, Department of Statistics, Jahangirnagar University, Bangladesh, www.juiniv.edu.
- 15 SEP-2014 – 29 NOV-2017 **Assistant Professor**, Department of Statistics, Jahangirnagar University, Bangladesh, www.juiniv.edu.
- 21 MAR-2012 – 14 SEP-2014 **Assistant Professor**, Department of Statistics, Islamic University, Bangladesh, www.iu.ac.bd.
- 18 APR-2010 – 20 MAR-2012 **Lecturer**, Department of Statistics, Islamic University, Bangladesh, www.iu.ac.bd.
- 24 FEB-2008 – 17 APR-2010 **Lecturer**, Department of Mathematics & Statistics, Bangladesh University of Business & Technology, Bangladesh, www.bubt.edu.bd.

04. Fields of Teaching and Research Interests:

Courses Teaching

Jahangirnagar University

- Econometrics
- Introduction to Computer and Computer Programming
- Elementary Statistics and Probability
- Biostatistics
- Statistics-I

Islamic University

- Multivariate Analysis and Categorical Data Analysis
- Stochastic Process-I
- Order Statistics and Nonparametric Methods
- Sampling Distribution and Test of Hypothesis
- Regression Analysis
- Data Processing with Software
- Basic Statistics
- Elements of Probability
- Probability Distributions
- Algebra and Discrete Mathematics

Bangladesh University of Business & Technology

- Applied Statistics
- Mathematics for Decision Makings
- Introduction to Mathematical Statistics
- Fundaments of Mathematics

Research Interests

- Econometrics
- Time Series Analysis
- Multivariate Analysis
- Data Mining
- Applied Statistics
- Business Statistics
- Survival Analysis
- Bio-Statistics
- Public Health
- Environmental Statistics

05. Language Test

IELTS: Reading=6.5, Listening=6.0, Speaking=6.0, Writing=6.0, Overall=6.0.

GRE: Verbal Reasoning=136, Quantitative Reasoning=152, Analytical Writing=3.0.

06. Awards/Scholarships

- Obtained an Award of Merit for outstanding result in post-graduation examination 2007 from Lions Clubs International District 315 A1, Bangladesh.
- Obtained Jahangirnagar University Academic Merit Scholarship for M. Sc. result.
- Obtained Jahangirnagar University Academic Merit Scholarship for 1st, 2nd, 3rd and 4th year results of B. Sc (Hons.).

07. Research and Publications

Thesis

- Md. Moyazzem Hossain, (2012), *On the Application of Cobb-Douglas Type Production Function and Related Econometric and Time Series Issues*. M.Phil. Thesis (supervised by Dr. Ajit Kumar Majumder), Department of Statistics, Jahangirnagar University.
- Md. Moyazzem Hossain (2006), *Analysis of Production behaviors of selected Manufacturing Industries in Bangladesh by Intrinsically Non-linear Cobb-Douglas Production Function*. M.S. Thesis (supervised by Dr. Ajit Kumar Majumder), Department of Statistics, Jahangirnagar University.

Book Publication

- Md. Moyazzem Hossain and Ajit Kumar Majumder, (2017), *Production Behaviors of Manufacturing Industries in Bangladesh*, LAP LAMBERT Academic Publishing, Germany, ISBN-13: 978-3-659-77719-6, ISBN-10: 3659777196, EAN: 9783659777196.

Submitted Journal Articles

- Md. Moyazzem Hossain and Azizur Rahman, Risk factors and the prevalence of fever, acute respiratory infection and diarrhea among preschool children in Bangladesh, *Journal of Biosocial Science* (under review).
- Md. Moyazzem Hossain, Forecasting Monthly Average Temperature of Some Selected Stations from the Northern Part of Bangladesh by ARIMA Model, *Theoretical and Applied Climatology* (under review).
- Md. Moyazzem Hossain, Attitudes of the Female University Students towards Skin Whitening: A Case Study, *International Journal of Women's Dermatology* (Under Review)

Published Journal Articles

- Hossain, M. M. (2019). Probability Modeling of Monthly Maximum Sustained Wind Speed in Bangladesh, *Statistics, Optimization & Information Computing*, Accepted.
- Kabir, M. A., Hossain, M. M., & Duty, F. A. (2018). Patterns, prevalence and determinants of environmental tobacco smoke exposure among adults in Bangladesh. *Addictive Behaviors Reports*, 8, 113-121. doi:10.1016/j.abrep.2018.09.001.
- Hossain, M. M., & Majumder, A. K. (2018). Determinants of the age of mother at first birth in Bangladesh: Quantile regression approach. *Journal of Public Health*. doi:10.1007/s10389-018-0977-6.
- Hossain, M. M. (2018). An Empirical Model of Students Satisfaction and Service Quality of Jahangirnagar University, *Journal of Social Science Research*, Accepted.
- Rahman, M. A., & Hossain, M. M. (2018). Forecasting Rice Production in Jessore, Dinajpur and Kushtia Districts of Bangladesh by Time Series Model. *International Journal of Mathematics and Computation*. Accepted.
- Hossain, M. M. (2018). Fitting the Probability Distribution of Monthly Maximum Temperature of Some Selected Stations from the Northern Part of Bangladesh. *International Journal of Ecological Economics & Statistics*, 39(4), 80-91.
- Hossain, M. M., Abdulla, F., & Alam, G. M. (2018). On Identifying the Probability Distribution of Monthly Maximum Temperature of Two Coastal Stations in Bangladesh. *Journal of Environmental Statistics*, 8(8), 1-12.
- Rahman, M. A., & Hossain, M. M. (2018). An Impact of Foreign Remittance on the Profitability of EXIM (Export Import) Bank in Bangladesh. *Research Journal of Finance and Accounting*, 9(15), 58-61.
- Miah, M. S., Hossain, M. M., & Rahman, M. H. (2018). Effect of Multimedia Instruction on Learning: A Case Study. *Research & Reviews: Journal of Statistics*, 7(2), 7-11.

- Hossain, M. M., & Majumder, A. K. (2018). Analysis of Factors Affecting the Technical Efficiency: A Case Study. *International Journal of Economics and Statistics*, 6, 10-13.
- Hossain, M. M., Abdulla, F., & Majumder, A. K. (2017). Comparing the Forecasting Performance of ARIMA and Neural Network Model by using the Remittances of Bangladesh. *Jahangirnagar University Journal of Statistical Studies*, 34, 1-12.
- Parvez, I., Hossain, M. M., & Islam, M. (2017). Comparison of Different Volatility Model on Dhaka Stock Exchange. *Global Journal of Science Frontier Research: F Mathematics and Decision Sciences*, 17(3), 41-51.
- Miah, M. S., Hossain, M. M., & Rahman, M. H. (2017). Usages Pattern of Cell Phone in Classroom: A Case Study of Mathematical and Physical Science Faculty Students of Jahangirnagar University. *Journal of Education and Practice*, 8(10), 103-108.
- Hossain, M. M. (2017). Variance in the Presence of Outlier: Weighted Variance. *Journal of Statistics Applications & Probability Letters*, 4(2), 57-59. doi:10.18576/jsapl/040203
- Hossain, M. M., Abdulla, F., & Hossain, Z. (2017). Comparison of ARIMA and Neural Networks to Forecast the Jute Production in Bangladesh. *Jahangirnagar University Journal of Science*, 40(1), 11-18.
- Hossain, M. M., Abdulla, F., & Parvez, I. (2017). Time Series Analysis of Onion Production in Bangladesh. *Innovare Journal of Agricultural Sciences*, 5(1), 1-4.
- Khatoon, T., & Hossain, M. M. (2017). Capital Structure and Firm's Financial Performance; Evidence from Listed Cement Companies of Dhaka Stock Exchange of Bangladesh. *International Journal of Business and Statistical Analysis*, 4(1), 29-37.
- Rahman, M. H., Salma, U., Hossain, M. M., & Khan, M. T. F. (2016). Revenue Forecasting using Holt–Winters Exponential Smoothing. *Research & Reviews: Journal of Statistics*, 5(3), 19–25.
- Hossain, M. M., & Faruq, A. (2016). Forecasting Potato Production in Bangladesh by ARIMA Model. *Journal of Advanced Statistics*, 1(4). doi:10.22606/jas.2016.14002
- Hossain, M. M., Sobhan, M. A., & Sultana, S. (2016). Application of DEA Methodology in Measuring Efficiency of Some Selected Commercial Banks in Bangladesh. *Jahangirnagar University Journal of Statistical Studies*, 33, 57-64.
- Hossain, M. M., Abdulla, F., & Rahman, M. H. (2016). Selecting the Probability Distribution of Monthly Maximum Temperature of Dhaka (Capital City) in Bangladesh. *Jahangirnagar University Journal of Statistical Studies*, 33, 33-45.
- Hossain, M. M. (2016). Socio-Economic and Clinical Condition of Some Registered Diabetes Patients in BIRDEM: A Case Study. *Global Journal of Quantitative Science*, 3(2), 14-20.
- Hossain, M. M. (2016). On Identifying the SARIMA Model to Forecast the Humidity of Some Selected Stations in Bangladesh. *International Journal of Environmental Sciences*, 6(6), 1080-1089. DOI:10.6088/ijes.6102
- Hossain, M. M., Abdulla, F., & Majumder, A. K. (2016). Forecasting of Banana Production in Bangladesh. *American Journal of Agricultural and Biological Sciences*, 11(2), 93-99. DOI: 10.3844/ajabssp.2016.93.99
- Hossain, M. M. (2016). Proposed Mean (Robust) in the Presence of Outlier. *Journal of Statistics Applications & Probability Letters*, 3(3), 103-107. DOI: 10.18576/jsapl/030301.

- Hossain, M. M. (2016). Technical Efficiency Measurement of Green Chili Production in Bogra District of Bangladesh. *Journal of Statistics Applications & Probability Letters*, 3(2), 97-101. DOI: 10.18576/jsapl/030204.
- Hossain, M. M., Abdulla, F., & Majumder, A. K. (2016). A Study on Monthly Maximum Wind Speed Probability Distributions at Hazrat Shahajalal and MAG Osmani International Airport of Bangladesh. *Jahangirnagar University Journal of Science*, 39(2), 11-22.
- Hossain, M. M. (2016). Projection on Elderly Population in Bangladesh. *Jahangirnagar University Journal of Science*, 39(1), 1-9.
- Hossain, M. M., Rahman, M. A., Islam, M. Z., & Majumder, A. K. (2016), Forecasting of Humidity of Some Selected Stations from the Northern Part of Bangladesh: An Application of SARIMA Model. *American Journal of Environmental Sciences*, 12(3), 182-192. DOI: 10.3844/ajessp.2016.182.192
- Hossain, M. M., & Abdulla, F. (2015), Jute Production in Bangladesh: A Time Series Analysis. *Journal of Mathematics and Statistics*, 11(3), 93-98. DOI: 10.3844/jmss.2015.93.98
- Hossain, M. M., & Abdulla, F. (2015). Forecasting the Tea Production of Bangladesh: Application of ARIMA Model. *Jordan Journal of Mathematics & Statistics*, 8(3), 257-270.
- Hossain, M. M., & Abdulla, F. (2015). On the production behaviors and forecasting the tomatoes production in Bangladesh. *Journal of Agricultural Economics and Development*, 4(5), 066-074.
- Abdulla, F., & Hossain, M. M. (2015). Forecasting of Wheat Production in Kushtia District & Bangladesh by ARIMA Model: An Application of Box-Jenkin's Method. *Journal of Statistics Applications & Probability*, 4(3), 465-474. DOI: 10.12785/jsap/040314.
- Hossain, M. M., & Abdulla, F. (2015). Forecasting the Sugarcane Production in Bangladesh by ARIMA Model. *Journal of Statistics Applications & Probability*, 4(2), 297-303. DOI: 10.12785/jsap/040214.
- Hossain, M. M., & Abdulla, F. (2015). A Time Series Analysis for the Pineapple Production in Bangladesh. *Jahangirnagar University Journal of Science*, 38(2), 49-59.
- Hossain, M. M., & Abdulla, F. (2015). Forecasting the Garlic Production in Bangladesh by ARIMA Model. *Asian Journal of Crop Science*, 7(2), 147-153. Doi: 10.3923/ajcs.2015.147.153.
- Hossain, M. M., Alam, M. A., & Uddin, M. K. (2015). Application of Stochastic Frontier Production Function on Small Banana Growers of Kushtia District in Bangladesh. *Journal of Statistics Applications & Probability*, 4(2), 337-342. DOI: 10.12785/jsap/040218
- Hossain, M. M., & Majumder, A. K. (2015). On Measurement of Efficiency of Cobb-Douglas Production Function with Additive and Multiplicative Errors. *Statistics, Optimization and Information Computing*, 3(1), 96–104. Doi: 10.19139/soic.2015120.
- Abdulla, F., Hossain, M. M., & Rahman, M. M. (2014). On the Selection of Samples in Probability Proportional to Size Sampling: Cumulative Relative Frequency Method. *Mathematical Theory and Modeling*, 4(6), 102-107.
- Abdulla, F., Hossain, M. M., & Rahman, M. M. (2014). A New (Proposed) Formula for Interpolation and Comparison with Existing Formula of Interpolation. *Mathematical Theory and Modeling*, 4(4), 33-48.
- Asaduzzaman, M., Hossain, M. M., & Rahman, M. M. (2014). On Identifying the Motivating Factors of Job & Career Satisfaction of IT Professionals in Dhaka City of Bangladesh. *Information and Knowledge Management*, 4(3), 77-86.

- Hossain, M. M., Azad, S. M. N., Parveen, R., & Masum, M. S. (2014). Effect of Advertisement on Purchasing Energy Drink in Dhaka City of Bangladesh. *European Journal of Business and Management*, 6(7), 1-11.
- Rahman, M. A., Hossain, M. M., & Karim, M. N. (2014). An impact measurement on the loan operation of agricultural marketing goods by the lenders: A case study of Bangladesh. *European Journal of Business and Management*, 6(1), 30-36.
- Rahman, M. A., & Hossain, M. M. (2013). Agro Based Industries Loan Operation and Contribution in GDP of Bangladesh: A Case Study on Rajshahi Krishi Unnayan Bank (RAKUB). *IOSR Journal of Economics and Finance*, 1(4), 43-48. Doi: 10.9790/5933-0144348.
- Khatoon, T., Amin, M. R., & Hossain, M. M. (2013). Strategic Human Resource Management (SHRM) Practices and its Effect on Financial Performance: Evidence from Some Selected Scheduled Private Commercial Banks in Bangladesh. *International Journal of Economics, Finance and Management Sciences*, 1(3), 151-158. Doi: 10.11648/j.ijefm.20130103.14.
- Hossain, M. M., & Rahman, M. M. (2013). A Socioeconomic Analysis on Tobacco Cultivation in Kushtia District of Bangladesh. *Social Sciences*, 2(3), 128-134. Doi: 10.11648/j.ss.20130203.14.
- Hossain, M. M., Basak, T., & Majumder, A. K. (2013). Application of Non-linear Cobb-Douglas Production Function with Autocorrelation Problem to Selected Manufacturing Industries in Bangladesh. *Open Journal of Statistics*, 3(3), 173-178. Doi:10.4236/ojs.2013.33019.
- Asaduzzaman, Hossain, M. and Rahman, M. (2013). Service Quality and Student Satisfaction: A Case Study on Private Universities in Bangladesh. *International Journal of Economics, Finance and Management Sciences*, 1(3), 128-135. Doi: 10.11648/j.ijefm.20130103.11.
- Rahman, M. M., Hossain, M. M., Uddin, M. K., & Majumder, A. K. (2013). Supervised Parametric Classification on Simulated Data via Box-Cox Transformation. *International Journal of Advanced Scientific and Technical Research*, 3(1), 541-550.
- Rahman, M. M., Hossain, M. M., & Majumder, A. K. (2013). Classification Rule for Small Samples: A Bootstrap Approach. *International Journal of Advanced Scientific and Technical Research*, 3(1), 337-344.
- Hossain, M. M., Majumder, A. K., & Basak, T. (2012). An Application of Non-linear Cobb-Douglas Production Function to Selected Manufacturing Industries in Bangladesh. *Open Journal of Statistics*, 2(4), 460-468. Doi:10.4236/ojs.2012.24058.
- Azad, S. M. N., Hossain, M. M., & Perveen, R. (2011-2012). Customer Perception, Price & Demand Analysis of Supermarket in Bangladesh. *Journal of Business and Technology (Dhaka)*, 6(2) & 7(1), 35-51. Doi: 10.3329/jbt.v6i2.14516.
- Azad, S. M. N., Hossain, M. M., & Perveen, R. (2011). Impacts of Smoking Habit by Young Generation in Our Society. *The AIUB Journal of Business & Economics (AJBE)*, 10(1&2), 45-64.

Conference Proceedings

- Hossain, M. M., & Abdulla, F. (2015). On Identifying the Probability Distribution of Monthly Maximum Temperature of Two Coastal Stations in Bangladesh. *Proceeding of The Second International Conference on Theory and Application of Statistics*, pp. 60.

- Hossain, M. M., Rois, R., & Majumdar, A. K. (2008). On the non-linear Cobb-Douglas production function-An application to manufacturing industries in Bangladesh. *Proceedings of the International conference on Statistical Sciences (ICSS)*, pp. 390-393.

Conference Presentations

- Faruq Abdulla, Md. Moyazzem Hossain, and Sharmin Akter Sumy, (2018), Application of Support Vector Machine in Stock Market Forecasting Comparing with the ANN and ARIMA Models, at the *International Conference on Recent Advances in Mathematical and Physical Sciences*, organized by Faculty of Mathematical and Physical Sciences, Jahangirnagar University, Dhaka, Bangladesh.
- Md. Moyazzem Hossain, (2018), Application of Probability Distributions for Wind Speed Modeling, presented at the *International Conference on Recent Advances in Mathematical and Physical Sciences*, organized by Faculty of Mathematical and Physical Sciences, Jahangirnagar University, Dhaka, Bangladesh.
- Md. Moyazzem Hossain, (2017), Selecting the Probability Distribution of Monthly Maximum Temperature of Some Selected Stations from the Northern Part of Bangladesh, presented at the *International Conference on Bioinformatics and Biostatistics for Agriculture, Health and Environment*, Organized by Department of Statistics, Rajshahi University & BBCBA.
- Md. Moyazzem Hossain, Faruq Abdulla, (2016), Forecasting Remittances of Bangladesh by ARIMA and Neural Network Model, presented at the *International Conference on Analysis of Repeated Measures Data*, Organized by East-West University.
- Faruq Abdulla and Md. Moyazzem Hossain, (2015), On Identifying the Probability Distribution of Monthly Maximum Temperature of Two Coastal Stations in Bangladesh, presented at *The Second International Conference on Theory and Application of Statistics*, Organized by Dhaka University Statistics Department Alumni Association (DUSDAA).
- M. M. Hossain, R. Rois and A. K. Majumdar, (2008), *On the non-linear Cobb-Douglas Production function-An application to manufacturing industries in Bangladesh*, presented the *International Conference on Statistical Sciences (ICSS)*, Jointly Organized by North South University, Bangladesh, and Carleton University, Canada.

Research Grants

- **2018-2019 Faculty Research Grant, University Grants Commission of Bangladesh**
Md. Moyazzem Hossain, “Measuring the Level of Depression, Anxiety and Stress among University Students: A Case Study”.
- **2018-2019 Faculty Research Grant, Jahangirnagar University**
Md. Moyazzem Hossain, “Sleep Quality and Its Effects on Academic Performance: A Case Study”.
- **2017-2018 Faculty Research Grant, University Grants Commission of Bangladesh**
Md. Moyazzem Hossain, “Attitudes of the Female University Students towards Skin Whitening: A Case Study”.
- **2017-2018 Faculty Research Grant, Jahangirnagar University**
Md. Moyazzem Hossain, “Forecasting Monthly Average Temperature of Some Selected Stations from the Northern Part of Bangladesh by ARIMA Model”.

- **2016-2017 Faculty Research Grant, Jahangirnagar University**
Md. Moyazzem Hossain, “*Service Quality and Student Satisfaction of Mathematical and Physical Science Faculty of Jahangirnagar University in Bangladesh*”.
- **2016-2017 Faculty Research Grant, University Grants Commission of Bangladesh**
Md. Moyazzem Hossain, “*Impact of Mobile Phone Usage on Academic Performance among the Students of Jahangirnagar University, Bangladesh*”.
- **2015-2016 Faculty Research Grant, Jahangirnagar University**
Md. Moyazzem Hossain, “*On Identifying the Distribution of Monthly Maximum Temperature of Some Selected Districts from the Northern Part of Bangladesh*”.
- **2015-2016 Faculty Research Grant, University Grants Commission of Bangladesh**
Md. Moyazzem Hossain, “*Fitting and Selecting the Most Suitable Probability Distribution of Monthly Maximum Sustained Wind Speed at Cox’s Bazar Station of Bangladesh*”.
- **2014-2015 Faculty Research Grant, University Grants Commission of Bangladesh**
Md. Moyazzem Hossain, “*Forecasting Humidity of Some Selected Stations in Bangladesh: An Application of SARIMA Model*”.

Workshops and Conferences

- Participated in the seminar on “**Challenges of Protection of Civilians in Peace Operation, Insight from Africa: What Lies Ahead**” on June 27, 2018, jointly organized by Bangladesh Institute of Peace Support Operation Training, Bangladesh and Center for United Nations Peacekeeping, India.
- Participated in the training workshop on “**Curriculum Concept, Models and Development Strategy**” on April 25, 2018, organized by Institutional Quality Assurance Cell (IQAC), Jahangirnagar University, Dhaka, Bangladesh.
- Participated in the training workshop on “**The use of Objectivity in Research**” on March 11, 2018, organized by Centre of Excellence in Teaching & Learning, Jahangirnagar University (CETL-JU), Jahangirnagar University, Dhaka, Bangladesh.
- Participated in the training workshop on “**Tertiary Pedagogy**” during January 21-23, 2018, jointly organized by Centre of Excellence in Teaching & Learning, Jahangirnagar University (CETL-JU) and Institutional Quality Assurance Cell (IQAC), Jahangirnagar University, Dhaka, Bangladesh.
- Participated in the workshop on “**Review and Modification of University Rules, Regulations and Ordinance for Good Governance**” on April 12, 2017, organized by Institutional Quality Assurance Cell (IQAC), Jahangirnagar University, Dhaka, Bangladesh.
- Participated in the workshop on “**Research Methods, Tools, Techniques and Scientific Method of Report Writing**” during March 27-29, 2017, organized by Institutional Quality Assurance Cell (IQAC), Jahangirnagar University, Dhaka, Bangladesh.
- Participated in the International Conference on “**International Conference on Bioinformatics and Biostatistics for Agriculture, Health and Environment**” during January 20-23, 2017, organized by Department of Statistics, Rajshahi University & BBCBA, Rajshahi, Bangladesh.

- Participated in the International Conference on “**International Conference on Analysis of Repeated Measures Data**” during November 26-27, 2016, organized by East-West University, Dhaka, Bangladesh.
- Participated in the International Conference on “**Second International Conference on Theory and Application of Statistics**” during December 27-29, 2015, organized by Dhaka University Statistics Department Alumni Association (DUSDAA), Dhaka, Bangladesh.
- Participated in the International Conference on “**18th International Conference on Mathematics Science**” during March 20-22, 2014, organized by Bangladesh Mathematical Society, Independent University of Bangladesh, Dhaka, Bangladesh.
- Participated in the International Conference on “**Statistical Data Mining for Bioinformatics, Health, Agriculture and Environment**” during December 21-24, 2012, organized by Department of Statistics, University of Rajshahi, Rajshahi, Bangladesh.
- Participated in the workshop on “**Bioinformatics Workshop-I**” during March 23-24, 2012, organized by Department of Statistics, University of Rajshahi, Rajshahi, Bangladesh.
- Participated in the workshop on “**Networking with Linux**” during January 12-14, 2012, organized by Department of Information and Communication Engineering, Islamic University, Kushtia, Bangladesh.
- Participated in the workshop on “**Training on Mathematics: Multivariate Calculus for Machine Learning**” during November 25-26, 2011, organized by Department of Statistics, University of Rajshahi, Rajshahi, Bangladesh.
- Participated in the workshop on “**Matrix Analysis and Their Applications in Statistical Learning Theory**” during September 30 - October 01, 2011, organized by Department of Statistics, University of Rajshahi, Rajshahi, Bangladesh.

Project Report

- Acting as a **Data Analyst** for the project entitled “*Impact Evaluation of the Education Components of Volunteers Association for Bangladesh (VAB) covering cluster schools and the schools those were or have been serving for five to ten years or more*”, Volunteers Association For Bangladesh (VAB), Adabor, Dhaka – 1207, Bangladesh.
- M. M. Hossain and M. M. Hossain, (2008-2009) “*Impact study on Cyclone SIDR Livelihood Recovery Project under (DAPEP) in Kalapara and Golachipa Upazila, Patuakhali in Bangladesh*”, initiated by Helen Keller International (HKI).

Academic Project Supervision

- **2016** Forecasting Some Selected Climate Variables of Khulna District: A Time Series Analysis, **MS Project Report**.

The Effect of Multi-media Instruction on Learning among the Students of Mathematical and Physical Science Faculty, Jahangirnagar University, **MS Project Report**.

Identifying the Motivating Factors of Job Preferences among the Students of Statistics, Jahangirnagar University, **MS Project Report**.

The Effect of Internet Use on Student’s Performance of Jahangirnagar University: A Case Study, **MS Project Report**.

Forecasting Rice Production of Jessor, Rangpur, Dinajpur, Khshtia and Pabna Districts in Bangladesh by Time Series Model, **MS Project Report**.

- **2015** Forecasting Humidity of Dinajpur, Rajshahi, Rangpur and Bogra Stations, **MS Project Report.**
Time Series Analysis and Forecasting of Rainfall of Jessore, Khulna, Satkhira and Faridpur Stations in Bangladesh, **MS Project Report.**
Forecasting Average Temperature of Rangpur, Rajshahi, Ishwardi, Bogra Stations in Bangladesh by ARIMA Model, **B.Sc Project Report.**
Effects of Mobile Phone use on Academic Performance of Science Faculty Students of Jahangirnagar University, **B.Sc Project Report.**
Time Series Analysis and Forecasting Production of Mango in Chittagong, Comilla, Dinajpur, Pabna, Rajshahi, Rangpur and Sylhet Districts of Bangladesh, **B.Sc Project Report.**
- **2014** Impacts of Internet Use on Our Young Generation, **MS Project Report.**
Drug Addiction of Jahangirnagar University Student, **MS Project Report.**
The Socio-Economic Condition of the Youth Trainee of National Youth Centre, Savar, Dhaka, **MS Project Report.**
Attitudes Towards Mobile Banking of Jahangirnagar University Students, **B.Sc Project Report.**
- **2013** Time Series Analysis and Forecasting of Rainfall of Jessore and Ishurdi Stations in Bangladesh, **B.Sc Project Report.**
Socio-Economic Condition of the Fishermen and Their Aspects of a Particular Area (A Case Study of Mirpur Thana in Kushtia district), **B.Sc Project Report.**
On the Socio-Economic Characteristics of Mother's Pregnancy in Kushtia District, **B.Sc Project Report.**
Service Quality and Student Satisfaction: A case study on Islamic University, Kushtia, **B.Sc Project Report.**

Training

- Attended in a training program on data collection and editing for the project entitled "**Status of Teachers in Bangladesh**" conducted by Foundation for Research on Educational Planning and Development (FREPD), Polashi, Dhaka.

08. Memberships

- **Member of Editorial Board**, *SCIREA Journal of Education*, September 02, 2018 to till date.
- **Member of Editorial Board**, *SCIREA Journal of Agriculture*, September 02, 2018 to till date.
- **Member of Editorial Board**, *SCIREA Journal of Mathematics*, August 25, 2018 to till date.
- **Member of Editorial Board**, *Journal of Mathematical and Statistical Analysis*, May 22, 2018 to till date.
- **Associate Editor**, *Epidemiology International Journal*, March 24, 2018 to till date.

- **Member of Editorial Board**, *International Journal of Islamic Banking and Finance Research*, December 2017 to till date.
- **Co-Chair, Parallel Session-II**, *International Conference on Recent Advances in Mathematical and Physical Sciences*, Faculty of Mathematical and Physical Science, Jahangirnagar University, Savar, Dhaka, Bangladesh, January 27-29, 2018.
- **Member, Organizing Committee**, *International Conference on Recent Advances in Mathematical and Physical Sciences*, Faculty of Mathematical and Physical Science, Jahangirnagar University, Savar, Dhaka, Bangladesh, January 27-29, 2018.
- **Academic Editor**, *Asian Journal of Agricultural Extension, Economics & Sociology*, August 10, 2017 to August 09, 2021.
- **Member of Editorial Board**, *International Journal of Statistics and Actuarial Science*, April 20, 2017 to April 20, 2019.
- **Editors**, *Journal of Advances in Mathematics*, April 20, 2017 to till date.
- **Editor**, *Journal of Advances in Agriculture*, April 11, 2017 to till date.
- **Editorial Board Member**, *American Journal of Statistics and Probability*, December 22, 2016 to December 22, 2018.
- **Student Advisor**, Department of Statistics, Jahangirnagar University, November 22, 2015 to November 21, 2017.
- **Patron**, Statistics LEAD Club, Department of Statistics, Jahangirnagar University, November 20, 2016 to November 20, 2017.
- **Member**, *International Society for Development and Sustainability (ISDS)*, Japan, April 16, 2014 to up to date. Membership ID: M140357.
- **Faculty Member**, Faculty of Applied Science and Technology, Islamic University, April 03, 2014 to September 14, 2014.
- **Editorial Board Member**, *Peak Journal of Agricultural Sciences*, December 20, 2013 to December 31, 2014.
- **Editorial Board Member**, *Peak Journal of Food Science and Technology*, December 20, 2013 to December 31, 2014.
- **Member**, Planning Committee, Department of Statistics, Islamic University, April 20, 2010 to September 14, 2014.
- **House Tutor**, Khaleda Zia Hall, Islamic University, Kushtia, March 20, 2011 to March 19, 2013.
- **Assistant House Tutor**, Shaheed Salam-Barkat Hall, Jahangirnagar University, November 08, 2014 to December 09, 2014.
- **House Tutor**, Mir Mosharraf Hossain Hall, Jahangirnagar University, December 10, 2014 to January 31, 2018.
- **Warden**, Mir Mosharraf Hossain Hall, Jahangirnagar University, January 31, 2018 to till today.
- **Assistant Proctor**, Jahangirnagar University, November 08, 2014 to October 16, 2015.
- **Life Member**, Registered Graduate, Jahangirnagar University.
- **Life Member**, Statistical Alumni Association, Jahangirnagar University.

09. Extra-Curricular Activities

- Having an experience as a **Vice-president**, Statistical Association, Department of Statistics, Jahangirnagar University.

- Having an experience as a **Member**, Statistical Association, Department of Statistics, Jahangirnagar University.
- Having an experience as a **Player**, Statistic's football team, Department of Statistics, Jahangirnagar University.
- Having an experience as a **Class Representative** from 2nd year to 4th year of B.Sc. Level and M. S. Level.

10. Referees

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