

Curriculum Vitae (CV) of Prof. Dr. Md. Siddiqur Rahman

(Professor, Dept. of Statistics, Jagannath University, Dhaka)

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1. **NAME OF PERSON** : **Prof. Dr. Md. Siddiqur Rahman**
2. **MOTHER'S NAME** : Fatema Begum (Late)
3. **FATHER'S NAME** : Abul Kashem Shikder (Late)
4. **Sex** : Male
5. **DATE OF BIRTH** : 01 January 1964
6. **NATIONALITY** : Bangladeshi
7. **PERMANENT ADDRESS** : Vill.- Kachichira, Post- Pukurjana, Dist.- Patuakhali
8. **PRESENT ADDRESS** : Professor, Department of Statistics, Jagannath University, Dhaka
9. **MEMBERSHIP IN PROFESSIONAL SOCIETIES** :
 - Life Member of Bangladesh Statistical Association (BSA),
10. **EDUCATION** :
 - **PhD in Statistics**, Department of Statistics, University of Dhaka, Dhaka, Bangladesh, 2016
 - M.Sc. in Statistics, **First Class (Fourth)**, Dept. of Statistics, University of Dhaka, 1987
 - B. Sc. (Honours) in Statistics, **First Class (Fifth)**, Dept. of Statistics, University of Dhaka, Bangladesh, 1986
11. **OTHER TRAINING** :

Computer Knowledge

 - Statistical software: Programming With R and S plus, SPSS for Windows
 - Word processing software: MS Word, Excel, Power Point
 - Operating System: DOS, Windows
 - Diploma in Computer Application, BIBM, Mirpur, Dhaka (Duration 2001-2002), 2002
12. **LANGUAGES & DEGREE OF PROFICIENCY:**

	<u>Speaking</u>	<u>Reading</u>	<u>Writing</u>
English:	Excellent	Excellent	Excellent
Bangla:	Mother Tongue	Excellent	Excellent
13. **COUNTRIES OF WORK EXPERIENCE** : Bangladesh.

14. EMPLOYMENT RECORD:

EMPLOYER 1 : Jagannath University, Dhaka, Bangladesh
From December 2016 : To date
Position held : **Professor**, Department of Statistics, Jagannath University, Dhaka, Bangladesh

Description of duties :

- Teach Sampling Techniques and Survey Design, Research Methods, Model Building, Multivariate Analysis, Robust Statistics, Theory of Probability and probability distributions, Basic Statistics, Statistics using R Programming, Statistical Inference to undergraduate and graduate students
- Prepare and deliver lectures to students and conduct laboratory sessions or discussion
- Prepare, administer and grade examinations, laboratory assignments and reports
- Advise students on course and academic matters and career decisions
- Direct research programs of graduate students and advise on research matters
- Conduct research in field of robust statistics findings in scholarly journals or books
- Serve on faculty committees dealing with such matters as curriculum planning and degree requirements, and perform a variety of administrative duties
- Prepared academic results of all the departments of Jagannath University in 2009 and 2010 as a convener.

EMPLOYER 2 : Jagannath University, Dhaka, Bangladesh
From September 2011 : To December 2016
Position held : **Associate Professor**, Department of Statistics, Jagannath University, Dhaka, Bangladesh

Description of duties :

- Teach Sampling Techniques and Survey Design, Research Methods, Model Building, Multivariate Analysis, Robust Statistics, Theory of Probability and probability distributions, Basic Statistics, Statistics using R Programming, Statistical Inference to undergraduate and graduate students

EMPLOYER 3 : Jagannath University, Dhaka, Bangladesh
From July 2007 : To September 2012
Position held : **Associate Professor (Deputation)**, Department of Statistics, Jagannath University, Dhaka, Bangladesh

Description of duties :

- Teach Sampling Techniques and Survey Design, Research Methods, Model Building, Multivariate Analysis, Robust Statistics, Theory of Probability and probability distributions, Basic Statistics, Statistics using R Programming, Statistical Inference to undergraduate and graduate students

EMPLOYER 4 : Cumilla Victoria Govt. College, Cumilla, Bangladesh
From January 2005 : To July 2007
Position held : **Associate Professor.**
Description of duties : Teaching and research.

EMPLOYER 5 : Dhaka Commerce College, Mirpur, Dhaka, Bangladesh
From October 1997 : To January 2005
Position held : **Assistant Professor**
Description of duties : Teaching and research.

EMPLOYER 6 : BCIC College, Mirpur, Dhaka, Bangladesh
From November 1991 : To September 1997
Position held : **Lecturer**
Description of duties : Teaching and research.

15. RESEARCH AND PUBLICATIONS:

- 1) Sarker S. and Rahman M. S. 2021. Two-Step Automated Robust Model Building. Jagannath University Journal of Science. 8(1): 45-52.

- 2) Akter M. S. and Rahman M. S. 2021. Simple Linear Regression Model Using Different Slope Estimation Methods: A Simulation Study and Real Data Applications. Jagannath University Journal of Science. 7(2): 01-6.
- 3) Parvin M and Rahman M. S., Parvin S. and Akter S. 2020. Minimum Sample Sizes for Likelihood Ratio Tests. Jagannath University Journal of Science 7(1): 63-75.
- 4) Akter S., Rahman M. S. and Parvin M. 2019. Classical And Robust Correlation Estimates: A Comparative Study. Jahangirnagar University Journal of Science. Jahangirnagar University Journal of Science. 42 (2): 45-61.
- 5) Rahman M. S., Parvin M. and Azad M. A. K. 2019. Comparison of the Methods for Numerical Integration. Jahangirnagar University Journal of Science. 2019. Jahangirnagar University Journal of Science. 42 (2): 63-79
- 6) Rahman M. S. 2018. Stepwise Algorithms for Linear Model Selection: A Comparison. Jagannath University Journal of Science. 05(2): 18-27.
- 7) Rahman M. S. and Azad M. A. K. 2018. One-Step and Two-Step Model Building: A Comparison. Jahangirnagar University Journal of Science. 41 (1): 113-124.
- 8) Parvin M and Rahman M. S. 2018. Classical and Robust Forward Selection: A Simulation Study and Real Data Application. Journal of Biometrics and Biostatistics. 9(3): 404
- 9) Rahman M. S. 2016. A Comparative Study of Backward Elimination and Least Angle Regression. Jahangirnagar University Journal of Science. 39(1): 59-71.
- 10) Rahman M. S. 2015. Backward Elimination Procedure for Linear Model Building Using Spearman's Rank Correlation. Jahangirnagar University Journal of Science. 38(2): 11-22.
- 11) Rahman M. S. and J. A. Khan. 2014. Building a Robust Linear Model with Backward Elimination Procedure. The Dhaka University Journal of Science. 62(2): 87-93.
- 12) Rahman M. S. and J. A. Khan. 2012. Least Angle Regression Procedure for Linear Model Building Using Kendall's Tau. The Bangladesh Journal of Scientific Research. 25(2): 173-180.
- 13) Rahman M. S. and J. A. Khan. 2012. Forward Selection Procedure for Linear Model Building Using Spearman's Correlation. The Dhaka University Journal of Science. 60(2): 141-145.
- 14) Rahman M. S. and J. A. Khan. 2011. Dealing with Collinearity in Polynomial Regression. The Dhaka University Journal of Science. 59(2): 257-262.
- 15) Rahman M. S. and J. A. Khan. 2011. Forward Selection Procedure Based on Kendall's Tau. The Bangladesh Journal of Scientific Research. 24(1): 47-56.
- 16) Rahman M. S. and J. A. Khan. 2010. Use of Spearman's Rank Correlation in Least Angle Regression. The Bangladesh Journal of Scientific Research. 23(2): 129-136.
- 17) Rahman M. S. and J. A. Khan. 2010. Robust Stepwise Algorithms for Linear Regression: A Comparative Study. The Dhaka University Journal of Science. 58(2): 291-295.
- 18) Rahman M. S. and J. A. Khan. 2010. Variable Selection for Linear Regression: Forward Selection vs Least Angle Regression. The Bangladesh Journal of Scientific Research. 23(1): 39-48.
- 19) Rahman M. S., Sarker S. and Parvin M. Linear Model Selection for Large High-Dimensional Data Set based on Robust Backward Elimination using FastMCD based Correlation. Submitted for publication.

Texts

- 1) An Introduction to Business Statistics (Published in 2022), Kazi Prokashani, 38 Banglabazar, Dhaka.
- 2) Statistics and Probability • An Introductory Analysis (Published in 2020), Kazi Prokashani, 38 Banglabazar, Dhaka.
- 3) R Programming and Data Analysis (Published in 2017), Kazi Prokashani, 38 Banglabazar, Dhaka.
- 4) Business Statistics (in Bengali version, published in 2007), Kazi Prokashani, 38 Banglabazar, Dhaka.
- 5) Moulic Porishongkhayan (in Bengali version, Published in 2003), Kazi Prokashani, 38 Banglabazar, Dhaka.
- 6) Statistics First part (in Bengali version, For class Eleven and Twelve, published in 1999, approved by NCTB), Kazi Prokashani, 38 Banglabazar, Dhaka.
- 7) Statistics Second part (in Bengali version, for class Eleven and Twelve, published in 1999, approved by NCTB), Kazi Prokashani, 38 Banglabazar, Dhaka.
- 8) Business Statistics (Waiting for publication).

16. CERTIFICATION:

I, the undersigned, certify that to the best of my knowledge and belief, this CV correctly describes myself, my qualifications and my experience. I understand that any willful misstatement described herein may lead to my disqualification or dismissal, if engaged.

Signature

Date of Signing


18 07 2023 Day/Month/Year