

Curriculum Vitae

Dr. M. A. Shah

Professor
Department of Statistics
University of Rajshahi
Rajshahi - 6205
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BACKGROUND

Education:

Ph.D.

Department of Statistics and Operational Research, Kurukshetra University, Kurukshetra- 312 119, India,
[January 1996](#)

Thesis Title:

A Study of Some Non-linear Stochastic Models on Resource management: Applications to Fisheries and Forestry

Area of Specialization:

Stochastic Modeling

Area of Interest:

- Stochastic Study on Non-linear Models on Carcinogenesis
- Deterministic and Stochastic Analysis of Economic Growth Models
- Stochastic Study on Arms Race Models

M.A. in Statistics

Department of Statistics, University of Rajshahi, Bangladesh
[First Class First Position, 1983](#)

B.A. (Honours) in Statistics

Department of Statistics, University of Rajshahi, Bangladesh
[First Class First Position, 1982](#)

Minor Subjects

Mathematics and Economics
Department of Mathematics and Economics, University of Rajshahi, Bangladesh

Teaching Experience:

Professor

November 02, 2002 to Present (11 years 4 months)

Department of Statistics, University of Rajshahi, Bangladesh.

I have been actively involved in teaching and research in Statistics and other professional activities. I have published around 19 research papers in Stochastic Modeling and basic Statistics.

Associate Professor

July 25, 1997 to November 01, 2002

Department of Statistics, University of Rajshahi, Bangladesh.

I taught Probability Theory, Stochastic Processes, and Social & Occupational Statistics and Analysis of Variance at Honors and Masters levels. Beside these I taught the courses offered by the department.

Assistant Professor

July 27, 1990 to July 24, 1997

Department of Statistics, University of Rajshahi, Bangladesh.

Lecturer

July 27, 1987 to July 26, 1990

Department of Statistics, University of Rajshahi, Bangladesh.

Awards and Scholarship:

Chancellor Award 1987

Offered by the President and Chancellor of University, Government of Republic of Bangladesh

Achieved on the academic merit – First Class First Position in the B.A. Honors' Examination

Residential Assignment:

- ❖ Assistant House Tutor, Shaheed Shamsuzzoha Hall, Rajshahi University, Rajshahi-6205, Bangladesh.
- ❖ Assistant Proctor, Rajshahi University, Rajshahi-6205, Bangladesh.
- ❖ Chairman, Department of Statistics, Rajshahi University, Rajshahi-6205, Bangladesh, for 3 years (From 01.10.2000 to 30.09.2003).
- ❖ Administrator, Computer Center, Rajshahi University, Rajshahi-6205, Bangladesh, for 3 years (From 03.05.2005 to 02.05.2008).

Research Guidance:

- M.Sc Level, Thesis Produced 07
- M.Phil Produced 01
- Ph.D Produced 01

Visiting Professor:

Department of Systems Engineering, Faculty of Engineering, Shizuoka University, Hamamatsu, Japan (July 17 – 31, 2010).

Lab Supervisor – Professor Dr. Kazunori Sato.

Publications:

1. Shah, M.A., "Stochastic Logistic Model for Fish Growth" *Open Journal of Statistics, Vol. 4*, pp.11- 18, 2014.
<http://www.scirp.org/journal/ojs> <http://dx.doi.org/10.4236/ojs.2014.41002>
2. Shah, M.A., "Optimal Control Theory and Fishery Model" *Journal of Development and Agricultural Economics, Vol. 5(12)*, pp. 476 - 481, 2013.
<http://www.academicjournals.org/JDAE>
3. Shah, M.A., "Stochastic Study on Tilapia Fish Farming" *International Journal of Advanced Research (IJAR)*, 2013 (Accepted for Publication).
www.journalijar.com
4. Shah, M.A., "Stochastic Analysis of a Time Stationary Fish harvesting Policy" Proceedings of the International Conference on Statistical Data Mining for Bioinformatics Health Agriculture and Environment, 21 – 24 December, 2012, Department of Statistics, University of Rajshahi, Bangladesh, pp 70 – 81.
www.statru.org
5. Shah, M.A., "Statistical Model and Method in Ensuring Validity of HIV Data" *Ibrahim Cardiac Medical Journal, Vol. 2(1)*, pp. 42 – 50, 2012.
<http://dx.doi.org/10.3329/icmj.v2i1.17417>
6. Mowazzem M, Kazunori Sato and Shah, M.A., "Deterministic and Stochastic Analysis of Budworm Pest Model" *Journal of Engineering, Mehta Publication, Vol. 1(1)*, 2010.
<http://www.mehtapress.com/mehtapress/Journals/Journal-of-Engineering/Vol-1-Issue-1/Deterministic%20And%20Stochastic%20Analysis%20Of%20Budworm%20Pest%20Model.html>
7. Rippter, M. H and Shah, M.A., "Projections of Aged population in Bangladesh" *South Asian Anthropologist, Vol. 5(2)*, pp. 153 - 159, 2005.

8. Shah, M.A and Usha Sharma., "Optimal Harvesting Policies for a Generalized Gordon-Schaefer Model in Randomly Varying Environment" *Applied Stochastic Models in Business and Industry*, Vol. 19, pp. 43 – 49, 2003, John Wiley & Sons, Ltd.
<http://onlinelibrary.wiley.com/doi/10.1002/asmb.490/abstract>
9. Shah M. A and Shafiqur Rahman A. B. M., “A Stochastic Study of Transportation Model” *Rajshahi University Studies, Part – B, J.Sci. Vol. 30*, pp 125 – 136, 2002.
10. Shah, M.A and Usha Sharma., "Management and Maintenance of Forestry: A Catastrophic Stochastic Analysis" *Natural Hazards*, Vol. 23, pp. 49 - 64, 2001. The Netherlands.
<http://link.springer.com/article/10.1023/A%3A1008158317464?no-access=true>
11. Shah, M.A., "Harvesting Fish Population in Randomly Varying Environment" *Pak.J.Statist*, Vol. 17(2), pp. 163-175, 2001.
<http://www.pakjs.com/journals/contents/PJS%20Contents%20Vol.%201%20to%2024.pdf>
12. Shah M. A and Alam M., “Catastrophe Theory in Forestry Management” *Rajshahi University Studies, Part – B, Vol. 29*, 2001.
13. Shah, M.A and Singh, K.M., "Stochastic Analysis of Mode Choice Transportation Model" *Journal of Statistical Studies*, Vol. 20, pp. 51- 57, 2000.
14. Shah, M.A and Usha Sharma., "A Critical Depansatory Model for Fish Harvesting" *J.Sc. & Tech. Univ. Peshawar*, Vol. 24. pp. 17- 24, 2000.
15. Shah, M.A and Talukder, M.H., "Forest Management: An Application of Catastrophe Theory to the Budworm Population” *Journal of Statistical Studies*, Vol. 17, pp. 21- 28, 1997.
16. Shah, M.A and Hossain, M.R., “Stochastic Analysis of the Lanchester Combat Model” *Rajshahi University Studies, Part-B, Vol. 25. 1- 6*, 1997.
17. Mahmudul Alam, M.A.Shah and Basher M.A., "Correlates of Ageing : A Case Study of Asia and Pacific” *Proceedings of the International Seminar on Ageing in SAARC Countries*, October 18 – 19, 1996, Department of Statistics, University of Rajshahi, Bangladesh.
18. Karim M. R and Shah M.A., “Nutritional Intervention and Elderly Health in Bangladesh” *Proceedings of the International Seminar on Ageing in SAARC Countries*, October 18 – 19, 1996, Department of Statistics, University of Rajshahi, Bangladesh.
19. Korban M. A and Shah M.A., "Factors Affecting Some Selected Characteristics of the Leading Metropolitan Cities of the World” *Rajshahi University Studies, Part-B, Vol.22*. 1994.

Membership:

- Bangladesh Statistical Association
- Indian Mathematical Society

Conference Presentations:

- ✚ University Teaching Methods, jointly sponsored by The Rajshahi University and The British Council and conducted by Dr.K.G.Major of the University of Bath, U.K.
July 18-28, 1990.
- ✚ Advancement of Science and Technology Teaching, Dhaka University, Bangladesh.
4 weeks course in Statistics during June 1988.
- ✚ IST Annual Conference of Information Theory and Applications & National Symposium on Stochastic Processes and their Applications, Organised by the Department of Statistics, Maharashi Dayanand University, Rohtak, India, February 3-5, 1996.
- ✚ An International Seminar on Ageing in SAARC countries, October 18 – 19, 1996,
Department of Statistics, University of Rajshahi, Bangladesh.
- ✚ One Day seminar on Applied and Theoretical Statistics, May 10, 1991, ISRT, Dhaka, Bangladesh.
- ✚ Second National Statistical Conference, March 27 – 28, 1987, Dhaka, Bangladesh.
Third National Statistical Conference, January 25, 1991, Dhaka, Bangladesh.
- ✚ International Conference on Statistical Data Mining for Bioinformatics Health Agriculture and Environment, December 21 – 24, 2012, Department of Statistics, University of Rajshahi, Bangladesh.

Personal:

Date of Birth : August 15, 1961
Marital Status : Married
Nationality : Bangladeshi
Father's Name : Md. Azizar Rahman Shah
Mother's Name : Most. Samsun Nahar
Spouse : Dr. Farida Yeasmin
Senior Medical Officer
Rajshahi University of Engineering and Technology (RUET)
Rajshahi-6204, Bangladesh.

Eldest Daughter : **Aalvee Asad Kausani**
Undergraduate Student (Electrical and Electronic Engineering)
Bangladesh University of Engineering and Technology (BUET)
Dhaka, Bangladesh.

Youngest Daughter : **Fateen Asad Ankush**
Primary Level
Agroni School and College
RUET Campus.

References (Name, Title, Affiliation, Contact address):

(i) **Dr. A.B.M.Rabiul Alam Beg**
School of Business
James Cook University
Townsville, QLD 4811
AUSTRALIA
e-mail: rabiul.beg@jcu.edu.au

(ii) **Dr. M.A. Basher Mian**
Professor, Department of Statistics,
Director, Institute of Bangladesh Studies (IBS) and Executive Editor, IJSS
Rajshahi University
BANGLADESH
e-mail: ijss_ru@yahoo.com

Recent Photograph



SIGNATURE:

A handwritten signature in black ink, appearing to be 'M.A. Basher Mian', written over a dotted line.

Date: February, 2014