CURRICULUM VITAE
of
Farhana Rashid

CONTACT ADDRESS (Mailing Address):

Farhana Rashid

Assistant Professor

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PERMANENT ADDRESS:

D/O. Late Abdur Rashid

Vill: Shajjankanda   P.O: Rajbari

P.S: Rajbari   Dist: Rajbari

BANGLADESH.

Personal information

- **Name**   **:** Farhana Rashid
- **Father's Name**   **:** Late Abdur Rashid
- **Mother's Name :** Mrs. Farida Rashid
- **Date of Birth**   **:** 07 October, 1978
- **Marital Status**   **:** Married
- **Sex**   **:** Female
- **Nationality**   **:** Bangladeshi (By birth).

Carrier objective

To secure a challenging position where I can apply my knowledge, skills, experience and education to be a part of a winning team.

English Proficiency

Fluent in English. Excellent in reading, writing, speaking and listening.

Educational Qualification

<u>Ph.D in Mathematics,</u> (on going)

Department of Mathematics, Jahangirnagar University, Savar, Dhaka,

Admit in 2014-15 session, Field: Operation Research

<u>Master of Science (M.Sc)</u>

Department of Mathematics, Jahangirnagar University, Savar, Dhaka, Bangladesh

Year: 2001, (Held in 2003, Result Published in 2004)

Result: 1st Class

<u>Bachelor of Science (B.Sc) (Hons.)</u>

Department of Mathematics, Jahangirnagar University, Savar, Dhaka,

Year: 2000, (Held in 2002, Result Published in 2003)

Result: 1st Class

<u>Higher Secondary Certificate (H.S.C) (Science)</u>

Rajbari Govt. College, Rajbari, 1996,

Result: 1st Division

<u>Secondary School Certificate (S.S.C) (Science)</u>

Rajbari Govt. Girls' High School, Rajbari, 1994,

Result: 1st Division

Teaching Experiences:

Sl. No.	Position	Institution	Date of appointment	Tenure of service
1.	Lecturer	Faculty of Business Administration Southeast University, Dhaka (Adjunct Faculty)	05 May, 2007	May 2007 - May 2010
2.	Lecturer	Department of Textile Engineering Green University, Dhaka	4 Nov. 2008	4 Nov. 2008- 13 Feb. 2011

3.	Lecturer	Business Administration Prime University,Dhaka	14 Feb. 2011	14 Feb. 2011- 31st August 2012
4.	Senior Lecturer	Business Administration Prime University, Dhaka	1st Sep. 2012	1st Sep. 2012- 29th June, 2013
5.	Lecturer	Department of Mathematics Jagannath University, Dhaka, Bangladesh	01 July, 2013	01/07/2013 to 14 Sep.,2015
6.	Assistant Professor	Department of Mathematics Jagannath University, Dhaka, Bangladesh	15 Sep,2015	15 Sep, 2015- Onward

Employment Record:

1. Past Faculty Member at Prime University, Dhaka, Bangladesh

Duration: 14 Feb. 2011– 29th June, 2013

Faculty of Business Administration, Prime University, Dhaka, Bangladesh

2. Present Faculty Member at Jagannath University, Dhaka, Bangladesh

Assistant Professor

Duration: 15 Sep,2015~ till date (continuing)

Department of Mathematics, Jagannath University, Dhaka-1100, Bangladesh

Responsibilities

- Prepare and deliver lectures to students of Undergraduate and Masters level.
- Prepare, administer and grade examinations, laboratory assignments, reports.
- Advise students on course and academic matters and career decisions.
- Conduct research in the field of interest and publish findings in journals or conferences.

Courses taught at the University:

Algebra, Geometry, Trigonometry, Calculus, Basic Statistics, Business and Applied statistics, Computer Programming (FORTRAN), Numerical Analysis, Vector & Tensor analysis, Linear Algebra, Ordinary & Partial Differential equations, Complex analysis, Fourier, Laplace, Bessel & Legendre Polynomials, Mechanics, Linear Programming, Mathematical modeling, Quantum Mechanics, Operations Research Fluid Dynamics, MHD, etc.

Field of Research:

Operations research (Optimization), Fluid Dynamics, Blood Flow, Numerical analysis, Linear Programming.

Thesis Supervision:

- M.Sc Thesis supervision: (Operations Research, Numerical Analysis, Differential Equation)
- M.Sc Project Thesis supervision: (Operations Research, Numerical Analysis, Differential Equation)
- B.Sc (Hons.) Project Thesis supervision: (Operations Research & Linear Programming, ODE, PDE, Numerical Analysis, Differential Equation)

Research &Publications:

1. Published Papers: 07
2. Submitted papers: 02

Membership

Life member of Bangladesh Mathematical Society

Language Proficiency

Languages	Reading	Writing	Speaking	Listening
English	Excellent	Excellent	Excellent	Excellent
Bengali	Excellent	Excellent	Excellent	Excellent

Training & Research

Successfully completed a week-long training programme on **Research Methodology** organized by the centre for Advanced Research in Humanities, University of Dhaka, held from 27th March to 1st April, 2014

List of Publications

1. Md. Amirul Islam, M. Sharif Uddin, S.M. Mahmudul Hasan, **Farhana Rashid** and M. Abdul Malek, "Profit Maximization of a Manufacturing Company: An Algorithmic Approach", *Jahangirnagar Journal of Mathematics and Mathematical Science*, Vol. 28, pp.29-37, December 2013.

2. Rabindra Nath Mondal, **Farhana Rashid,** and Md. Rezwan Hossain, "Solving Traveling Salesman Problem: A Computational Study**",** *Jagannath University Journal of Science,* Volume 3, Number-II, pp.84-93, June 2014.[Received:19 June 2014, Accepted:29 January 2015.

3. Rabindra Nath Mondal, **Farhana Rashid,** Poly Rani Shaha, Raju Roy, "An Innovative Method for Unraveling Transportation Problems with Mixed Constraints." *American Journal of Mathematics and Statistics,* Volume 5, Number-4 pp.190-195, 2015. [doi:10.5923/j.ajms.20150504.04]

4. Rabeya Akter and **Farhana Rashid,** Analysis and an Effective Algorithm Approach for Cost Minimization of Transportation Problem," *Jagannath University Journal of Science,* Volume 5, Number-I, pp.131-140, 2017.

5. **Farhana Rashid,** Aminur Rahman Khan, Md. Sharif Uddin, "Transportation Problem With Mixed Constraints: A Maximum Flow Approach", *Jagannath University Journal of Science*, Volume 6, Number-I &II, pp.70-78, March 2020.

6. **Farhana Rashid,** Aminur Rahman Khan, Md. Sharif Uddin, "An Innovative Approach to Minimizing Time of a Transportation Problem with Mixed Constraints", *International Journal of Scientific & Engineering Research,* Volume 12, Issue-3, March 2021, pp-1118- 1121.

7. **Farhana Rashid,** Aminur Rahman Khan, Md. Sharif Uddin, "Mixed Constraints Cost Minimization Transportation Problem: An Effective Algorithmic Approach," *American Journal of Operational Research,* Volume 11, Number-1, pp.1-7, Apr. 2, 2021. [doi:10.5923/j.ajor.20211101.01].

References

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Declaration of Authenticity:

I hereby declare that the above mentioned statements are true to the best of my knowledge.
Mobile:

Farhana Rashid

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