

KanizFatemaNipa

**97, South Nilkhet Residential Area,
Nilkhet, Dhaka-1000.**

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E-mail: nipa.du.math@gmail.com



RESEARCH INTEREST

Operation Research, Operation Management, Numerical Analysis, Mathematical Biology, Mathematical Hydrology.

EDUCATION

Master of Science (MS) in Applied Mathematics (With Thesis) **September 2013**

University of Dhaka, Bangladesh GPA 3.917 out of 4.00

Bachelor of Science (BS) in Mathematics (Four Year) **November 2011**

University of Dhaka, Bangladesh

CGPA 3.61 out of 4.00

Higher Secondary Certificate (HSC) Examination from Science Group

September 2005

Jessore Board, Bangladesh

GPA 4.50 out of 5.00

Secondary School Certificate (SSC) Examination from Science Group

July 2003

Jessore Board, Bangladesh

GPA 4.63 out of 5.00

THESIS WORK

University of Dhaka, Bangladesh

Analyzing and Comparing Different

Methods for Solving Cutting Stock Problem February 2013 - June 2013

- Analyzing existing method for solving cutting stock problems.
- Develop a suitable method and its computer programming.
- Worked with a pipe company to reduce their waste.

PROJECT WORK

University of Dhaka, Bangladesh

Stability of Models for Interacting Populations March 2011 – April 2011

- Carried out different MATHEMATICAL models for stability of interacting populations.
- Analyzing the models in the sector of Mathematical Biology.

WORK EXPERIENCE

Teacher

January 2007 - Present

- Private tutoring of Twelve grade and Undergraduate level Linear Algebra, Basic Algebra, Calculus, Differential Equations etc.

RELEVANT SKILL

- Programming Language: FORTRAN, MATHEMATICA, MATLAB, C, C++, AMPL and LINDO.
- Office Tools: Microsoft (Word, Excel, Power Point)

LEADERSHIP EXPERIENCE

- Co-Editor of India Tour-2010 Souvenir **December 2010**
- President of Samsun Nahar Hall Student Association of Mathematics, Dhaka University, Bangladesh **2011-2012**

VOLUNTARY ACTIVITIES

- Arrange a seminar at Khulna for growing interest of school going student to Mathematics **February, 2011**

TEST SCORE

GRE (Graduate Record Examination) Revised General Test **October 06, 2013**

- Total Score 320 out of 340
 - Verbal Reasoning 152
 - Quantitative Reasoning 168
 - Analytical Writing 3.00

TOEFL

August 23, 2014

- Total Score 89 out of 120
 - Reading 23
 - Listening 23
 - Writing 23
 - Speaking 20

PERSONALDETAILS

| | |
|-------------------|--|
| Fathers Name | : G.M.NasirUllah |
| Mothers Name | : KamrunNahar |
| Date of Birth | : October 01, 1988, Khulna. |
| Blood Group | : A (+ve) |
| Gender | : Female |
| Nationality | : Bangladeshi |
| Permanent Address | : 79/1, South Central Road, Khulna Sadar, Khulna-9100, Bangladesh |
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REFERENCES

| | |
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| 1. Dr. Md. Showkat Ali | 2. Dr. Mohammad Babul Hasan |
| Professor | Associate Professor |
| Department of Mathematics | Department of Mathematics |
| Faculty of Science | Faculty of Science |
| University of Dhaka | University of Dhaka |
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