

Updated: 10July, 2021



Prof. Dr. Md. Mizanor Rahman

Prof. Md. Mizanor Rahman, PhD

Department of Mathematics
Jagannath University
Dhaka-1100, Bangladesh.

CONTACT INFORMATION

Department of Mathematics,
Jagannath University
9-10, Chittaranjan Avenue,
Dhaka-1100, Bangladesh.

Tel: 9582775 (Office), 8090586(R)

Cell:01711486699, 01674177027

Fax: (880-2) 7113752

E-mail: mizanorrahman@gmail.com

Web: www.jnu.ac.bd

RESEARCH FIELDS & INTERESTS

- **Research Fields: Mathematics**
- **Research Interests: Algebra** (*Theory of Rings, Theory of Gamma-Rings*)

Title of Ph.D. Dissertation:

- **Characterizations of Prime and Semiprime Gamma-Rings with Derivations and Lie Ideals.**

1.PERSONAL PARTICULARS

Name : Dr. Md. Mizanor Rahman
Father's Name : Late Md. Golam Sarwar Talukder
Mother's Name : Late MeherunNesa
Date of Birth :11 August, 1966
Permanent Address :Village- Charashabot Post Office- Ramnathpur
Upazila- Phulpur, District- Mymensingh, Bangladesh.
Marital Status : Married
Spouse's Name :SyedaHafiza Khatun, B. C. S (General Education)
Associate Professor, Dept. of Islamic History & Culture,
Govt. Titumir College, Dhaka.
Present Address :Property Garden, 473/E, West Shewrapara, Shamim Shoroni,

Mirpur, Dhaka-1216.

2. EDUCATIONAL ATTAINMENT

Degrees	Years	University/ Board	Subjects/Courses
Ph. D.	Session:2011-12 Awarded	Department of Mathematics Faculty of Science, University of Rajshahi, Bangladesh.	Pure Mathematics: Theory of Gamma Rings
M.Sc. 1stClass Sixth Position	1988, Result Published:1992	Department of Mathematics, University ofDhaka, Bangladesh.	Pure Mathematics: Topology, Real Function Theory, Rings Theory, Lattice Theory, Computer Techniques and Numerical Analysis.
B. Sc. (Honors) 1st Class Fifth Position (Obtained Scholarship)	1987, Result Published: 1989	Under Department of Mathematics, University of Dhaka , Bangladesh.	Mathematics: Numerical Analysis, Differential Equation, Higher Algebra, Two and Three Dimensional Geometry, Vector Algebra, Differential and Integral Calculus, Set Theory, Abstract Algebra, Mechanics(Statics and Dynamics), Linear Algebra, Real Analysis, Complex Analysis, Vector Analysis, Methods of Applied Mathematics. Subsidiary Subjects: Physics, Chemistry.
H.S.C. 2nd division	1984	Under Dhaka Board Nasirabad College, Mymensingh.	Bengali, English, Physics, Chemistry, Higher Mathematics, Biology.

S.S.C. 1st division	1982	Under Dhaka Board Rambhadrapur High School, Phulpur, Mymensingh.	Bengali, English, General Mathematics, Elective Mathematics, Physics, Chemistry, Biology.

3. PROFESSIONAL SERVICES AND EXPERIENCE

Periods	Positions and Affiliations	Courses Taught
28 April 2016 to till date	Professor , Department of Mathematics, Jagannath University, Dhaka.	Mathematics: Advanced Theory of Numbers, Linear Algebra, Calculus, Geometry. Abstract Algebra (Group Theory, Ring Theory), Mathematical Analysis, Basic Algebra, FORTRAN Programming Language.
26 April 2012 to 27 April 2016	Associate Professor: Department of Mathematics, Jagannath University, Dhaka, Bangladesh.	Mathematics: Advanced Theory of Numbers, Linear Algebra, Calculus , Geometry, Complex Analysis , Abstract Algebra (Group Theory , Rings Theory), Mathematical Analysis, Basic Algebra
8 January 2005 to 25 April 2012.	Assistant Professor : Department of Mathematics, Jagannath University, Dhaka, Bangladesh.	Mathematics: Lattice Theory Abstract Algebra (Group Theory, Rings Theory), Linear Algebra, ODE, PDE, Mathematical Analysis, Basic Algebra
13 October 2001 to 7 January 2005.	Lecturer: Department of Mathematics, Jagannath College, Dhaka,	Mathematics: Lattice Theory Abstract Algebra (Group Theory

	Bangladesh.	Rings Theory), Linear Algebra, Numerical Analysis, Calculus, FORTRAN programming Mathematical Analysis, Basic Algebra, Ordinary Differential Equation.
22 August 2001 to 11 October 2001	Lecturer: Ashek Mahmud Government College, Jamalpur, Bangladesh.	Abstract Algebra (Group Theory, Rings Theory), Linear Algebra, Numerical Analysis, Calculus, FORTRAN programming Mathematical Analysis, Basic Algebra, Real Analysis.
22 December 1997 to 21 August 2001	Lecturer: Sherpur Government University College, Sherpur, Bangladesh.	Abstract Algebra (Group Theory, Rings Theory), Numerical Analysis Linear Algebra, Numerical Analysis, Calculus, FORTRAN programming Mathematical Analysis, Basic Algebra, Real Analysis.
8 August 1996 to 21 December 1997	Lecturer: Sribordi Govt. College Sherpur, Bangladesh.	Calculus, Geometry, Algebra, Trigonometry, Statics, Dynamics, Methods of Applied Mathematics, ODE.
21 March 1994 to 7 August 1996	Lecturer: Kalihati Degree College Tangail, Bangladesh.	Calculus, Geometry, Algebra, Trigonometry, Statics, Dynamics, Linear Algebra.

4. TOTAL EXPERIENCES

Designations	From	To
Professor [Jagannath University]	28/04/2016	till date
Associate Professor[Jagannath University]	26/04/2012	27/04/2016
Assistant Professor [Jagannath University]	20/10/2005	25/04/2012
Assistant Professor[Jagannath College]	08/01/2005	19/10/2005
Lecturer [Jagannath College]	13/10/2001	07/01/2005
Lecturer [Govt. Colleges]	21/03/1994	12/10/2001

5.PROFESSIONAL TRAINING

- **Higher Training in Mathematics conducted by the University of Dhaka, Bangladesh**
- **Basic Computer Training conducted by NTERMS, Bogra, Bangladesh**
- **54th Foundation Training Course conducted by the Ministry of Education, Government of the People's Republic of Bangladesh.**

6. REFERRED JOURNAL PAPERS

- [1] A. C. Paul and **Md. Mizanor Rahman**, *Jordan Left Derivations on Semiprime Gamma-Rings*, **Indian Journal of Pure and Applied Sciences and Technologies**, **6(2)**, **2011**, **131-135**.
- [2] **M. M. Rahman** and A. C. Paul, *Commutativity in Prime Gamma-Rings with Jordan Left Derivations*, **Mathematical Theory and Modeling**, **2(9)**, **2012**, **96-107**.
- [3] **M. M. Rahman** and A. C. Paul, *Jordan Higher Derivations on Lie Ideals of Prime Gamma Rings*, **South Asian Journal of Mathematics**, **3(2)**, **2013**, **127-132**.
- [4] **M. M. Rahman** and A. C. Paul, *Generalized (U, M)-Derivations in Prime Gamma-Rings*, **Mathematical Theory and Modeling**, **3(3)**, **2013**, **98-104**.
- [5] **M. M. Rahman** and A. C. Paul, *Jordan Generalized Derivations on Lie Ideals of Prime Gamma-Rings*, **South Asian Journal of Mathematics**, **3(3)**, **2013**, **148-153**.

- [6] **M. M. Rahman** and A. C. Paul, Higher(U, M)-Derivations in Prime Gamma-Rings, **Journal of the Calcutta Mathematical Society**, 9(2), 2013, 63-74.
- [7]**M. M. Rahman** and A. C. Paul, Jordan Generalized Higher Derivations in Prime Gamma-Rings, **Mathematical Theory and Modeling**, 3(3), 2013, 88-97.
- [8] **M. M. Rahman** and A. C. Paul, Jordan Generalized Higher Derivations on Lie Ideals of Prime Gamma-Rings, **South Asian Journal of Mathematics**, 3(4), 2013, 287-293.
- [9] **M. M. Rahman** and A. C. Paul, *Jordan Derivations on Lie ideals of Prime Gamma-Rings*, **Mathematical Theory and Modeling**, 3(3), 2013, 128-135.
- [10] **M. M. Rahman** and A. C. Paul, *Commutativity in Prime Gamma-Rings with Jordan Higher Left Derivations*, **Jagannath University Journal of Science**, 3(1), 2014, 57-64.
- [11]**M. M. Rahman** and A. C. Paul, *Generalized Higher(U, M)-Derivations in Prime Gamma-Rings*, **Springer Plus (a Springer Open Journal)**, 2014, 3:100 doi: 10.1186/2193-1801 3-100.
- [12]**Md. Mizanor Rahman** and Akhil Chandra Paul, *Jordan Derivations on Completely Semiprime Gamma-Rings*, **GANIT, Journal of Bangladesh Mathematical Society**, 34, 2014, 21-26.
- [13] **Md. Mizanor Rahman** and Akhil Chandra Paul, *Jordan Derivations on Lie Ideals of Semiprime Gamma-Rings*, **GANIT, Journal of Bangladesh Mathematical Society**, 34, 2014, 35-46.
- [14]**M. M. Rahman** and A. C. Paul, *Derivations on Lie ideals of Completely Semiprime Gamma-Rings*,**Bangladesh Journal of Scientific Research**, 27(1), 2014, 51-62.
- [15]**M. M. Rahman** and A. C. Paul, *Generalized Derivations on Lie ideals of Completely Semiprime Gamma-Rings*, **Bangladesh Journal of Scientific Research** , 27(1), 2014, 87-98.
- [16]**M. M. Rahman** and A. C. Paul, *Jordan Derivations on 2-torsion free Semiprime Gamma-Rings*, **Journal of Bangladesh Academy of Sciences (JBAS)**, 38(2), 2014, 189-195.
- [17]Akhil Chandra Paul and **Md. Mizanor Rahman**, *Jordan Derivations on Lie ideals of Sigma Prime-Rings*,**GANIT, Journal of Bangladesh Mathematical Society**,

36,2016,1-5.

[18] **M. M. Rahman** and A. C. Paul, *(U, M)- Derivations in Prime Gamma-Rings*, **Bangladesh Journal of Scientific Research**, 27(2), 2014, 143-153.

[19] **M. M. Rahman** and A. C. Paul, *Jordan Higher Derivations in Prime Gamma-Rings*, **Bangladesh Journal of Scientific Research**, 27(2), 2014, 155-163.

[20] P. Ahmed, **M. Rahman**, S. Kawamura, *Relationship among compact subspaces of real line and their chaotic properties*, **International Journal of Pure and Applied Sciences and Technology**, 6(1), 2011, 62-70.

[21] A. H. Rubel, P. Ahmed, **M. Rahman**, K. Khan, *Numerical Analysis for Thermal Design of a Paraboloidal Solar Concentrating Collector*, **International Journal of Natural Sciences (iJNS)**, 1(3), 2011, 68-74.

[22] **M. M. Rahman** and A. C. Paul, *Commutativity in Prime Gamma-Rings with Jordan Higher Left Derivations*, **Jagannath University Journal of Science**, 3(1), 2014, 57-64.

[23] **M. M. Rahman** and A. C. Paul, *(U, M)- Derivations in Completely Semiprime Gamma-Rings*, **Bangladesh Journal of Scientific and Industrial Research**, 51(1), 2016, 69-74.

[24] **M. M. Rahman** and A. C. Paul, *Jordan Generalized Derivations on Lie ideals of Semiprime Gamma- Rings*, **Jagannath University Journal of Science**, 3(2), 2014, 94-104.

[25] **M. M. Rahman** and A. C. Paul, *Some Theorems for Generalized (U, M)- Derivations in Semiprime Gamma-Rings*, **Journal of Scientific Research**, 9(2), 2017, 167-177.

[26] A. C. Paul and **M. M. Rahman**, *Jordan Derivations on Lie ideals of Sigma Prime Gamma-Rings*, **Journal of Bangladesh Academy of Sciences (JBAS)**, 39(2), 2015, 249-255.

[27] **M. M. Rahman** and A. C. Paul, *(U, M)- Derivations in Semiprime Gamma- Rings*, **Jagannath University Journal of Science**, 4(2), 2015, 1-10.

[28] **M. M. Rahman** and A. C. Paul, *Generalized (U, M)- Derivations of Completely Semiprime Gamma-Rings*, **Journal of Bangladesh Academy of Sciences (JBAS)**, 39(1), 2015, 115-123.

[29] M. K. Hasan, **M. M. Rahman** and Abeda Sultana, *Application of Repeated Average Method on Generalized Fuzzy Soft Matrix for Decision Making*, **Journal of the Asiatic**

Society of Bangladesh (Science), 45(2), 2019, 249-259.

[30] Omar Faruk, **Md. Mizanor Rahman**, *Generalized Jordan Right Derivations on Prime and Semiprime Gamma-Rings*, **Journal of Mechanics of Continua and Mathematical Sciences**, 14(4), 2019, 268-280.

[31] **M. M. Rahman** and S. K. Paul, *Higher (U, M)- Derivations in Completely Semiprime Gamma-Rings*, **Journal of Pure and Applied Science & Technology**, 8(2), Jul 2018, 1-8.

[32] Omar Faruk, **Md. Mizanor Rahman**, *Lie Ideals on Prime Gamma-Rings with Jordan Right Derivations*, **Annals of Pure and Applied Mathematics**, 19(2), 2019, 183-192 DOI: [http://dx. doi.org/10.22457/apam.615v19n2a7](http://dx.doi.org/10.22457/apam.615v19n2a7).

[33] Ain-UI Huda, Afiya Akter Piya, Mainul Islam and **Mizanor Rahman**, *Spin-Orbit Coupling in Disordered System*, **Bangladesh Journal of Physics**, 23 & 24, 2017-2018, 93-99.

7. Number of Published/Accepted/Submitted Papers :

Types of Journals	Published
International	15
National	18
Total	33

BOOKS:

1. **Dewan Abdul Quddus and Md. Mizanor Rahman**, *Modern Algebra*, Published by **TITAS PROKASHONI** , Dhaka (2003)
2. **Dewan Abdul Quddus, Md. Sawkot Hossen and Md. Mizanor Rahman**, *Fundamentals of Mathematics*, Published by **ANGIKAR PROKASHONI** , Dhaka (2002)
3. **Dewan Abdul Quddus, Md. Sawkot Hossen and Md. Mizanor Rahman**, *Higher Mathematics (Part-I)*, Published by **NCTV** , (2004)
4. **Dewan Abdul Quddus, Md. Sawkot Hossen and Md. Mizanor Rahman**, *Higher Mathematics (Part-II)*, Published by **NCTV** , (2004)
5. **Dewan Abdul Quddus, Md. Sawkot Hossen and Md. Mizanor Rahman**, *General Mathematics* Published by **ANGIKAR PROKASHONI** , Dhaka (2004)

8. ATTENDED CONFERENCE/ SEMINAR

- **Seminar on Higher Derivations of Prime Gamma Rings**, Department of Mathematics, University of Rajshahi, Rajshahi, 2013.
- **Seminar on (U, M)-Derivations of Prime Gamma Rings**, Department of Mathematics, University of Rajshahi, Rajshahi, 2014.
- **16th International Conference on Mathematics and Mathematical Physics** by Bangladesh Mathematical Society, Organised by Jahangirnagar University, Sabar, Dhaka, 22-24 December 2011.
- **15th International Conference on Mathematics and Mathematical Physics** by Bangladesh Mathematical Society, Organised by Bangladesh University of Engineering and Technology (BUET), Dhaka, 18-20 December, 2009.
- **14th Mathematics Conference** by Bangladesh Mathematical Society, University of Dhaka, 2003.

9. SKILL IN COMPUTING AND COMPUTER PROGRAMMING

- **Microsoft Words, Excel etc.**
- **FORTRAN**
- **Mathematica**
- **C⁺⁺**
- **Matlab**
- **LaTex**

10. MEMBER OF RESEARCH BODIES

- a. **Reviewer**, South East Asian Bulletin of Mathematics (SEABM)
- b. **Life Member**, Bangladesh Mathematical Society.
- c. **Life Member**, Bangladesh Association For the Advanced of Science Research, Dhaka.
- d. **Executive Committee Member**, Bangladesh Mathematical Society **2016-2017**.
- e. **Executive Committee Member**, Bangladesh Mathematical Society **2018-2019**.

11. **Merit Scholarship by the University of Dhaka** for Fifth Position in the B.Sc.(Hons') Final Examination-1987 in Mathematics.

12. ACHIEVEMENTS / ACADEMIC RESULTS

- Job as a **University Teacher of the Department of Mathematics** at Jagannath University, Dhaka, Bangladesh.
- Job as a **B.C.S** (Bangladesh Civil Service) General Education Cadre Officer (resigned for Univ. Job) by the Ministry of Education, Government of the People's Republic of Bangladesh.
- Doctor of Philosophy (PhD) in the Faculty of Science, University of Rajshahi, the title of the thesis being "Characterizations of Prime and Semiprime Gamma-Rings with Derivations and Lie Ideals".
- **FIRST CLASS (SIXTH POSITION)** in the M.Sc. Final Examination in Pure Mathematics.
- **FIRST POSITION (FIFTH POSITION)** in the B.Sc.(Hons') Final Examination in Mathematics.

(Dr. Md.Mizanor Rahman)

Professor

Department of Mathematics

Jagannath University,

Dhaka-1100, Bangladesh.

Mobile: 01711486699,

Phone: 9582775

E-mail: mizanorrahman@gmail.com