Dr. Md Hamidur Rahaman

Department of Mathematics
A.P.C Roy Govt. College
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CURRICULAM VITAE

Academic Qualifications

2015–2018 **Doctor of Philosophy (Ph.D)**, The thesis entitled "A study of additive maps in rings and Banach algebra", Aligarh Muslim University (AMU), Aligarh, Uttar Pradesh, India.

2012-2014 **Master of Science (M.Sc.)**, Department of Mathematics, Aligarh Muslim University, Aligarh, Uttar Pradesh, India.
Percentage–83.29%, First Division.
Main Subjects: *Functional Analysis & Topology, Complex analysis and Real Analysis, Partial Differential Equations, Modern Algebra, Measure Theory.*

2009-2012 **Bachelor of Science (B.Sc) with Honors**, Department of Mathematics, Aligarh Muslim University, Aligarh, Uttar Pradesh, India.
Percentage–76.75%, First Division.
Main Subjects: *Mathematics, Physics, Statistics.*

2007-2009 **Intermediate (10+2 std.), W.B. Board**, Daulatpur High School, Dakshin Dinajpur, West Bengal, India.
Percentage–81.80% First Division.
Main Subjects: *Mathematics, Physics, Chemistry, English, Bengali.*

2006-2007 **High school (10 std.), W.B. Board**, Mazharul Ulum High Madrasah, Malda, West Bengal, India.
Percentage–86.50% First Division.
Main Subjects: *Mathematics, Physical Science, Life Science, English, Bengali, Geography, Arabic.*

Ph.D Thesis

Title *A study of additive maps in rings and Banach algebra*

Supervisor Prof. Asma Ali, Professor, Department of Mathematics, Aligarh Muslim University(AMU), Aligarh, Uttar Pradesh, India.

Statement of Research experience

Research Algebra (Ring theory)
Fields Derivation on rings

Statement of Teaching Interests

- Ring theory; Group theory

- Real analysis; Linear algebra

- Calculus; Coordinate Geometry

- Complex analysis

- Metric space

Computer Skills

Documentation LaTeX, Microsoft Office

Achievements/Certifications

- Qualified CSIR-JRF, June 2016.
- Qualified CSIR-NET, June 2015.
- Qualified GATE-2016 organized by IISc Bangalore, in Mathematics.
- Qualified GATE-2015 organized by IIT Kanpur, in Mathematics.
- Recipient of Maulana Azad National Fellowship(MANF-JRF).
- Merit scholarship from Aligarh Muslim University, Aligarh, Uttar Pradesh during M.Sc.

List of Publications

(1) Md Hamidur Rahaman *"Nilpotent Values of Generalized derivation in Prime and Semiprime Rings",* **Journal of Applied Mathematics and Informatics**, *Vol. 39, No. 5-6, pp. 761-768, 2021* .

(2) Md Hamidur Rahaman *"Left Annihilator of identities with Generalized derivation in Prime and Semiprime Rings",* **Discussiones Mathematicae-General Algebra and its Applications**, *Vol. 41, pp. 69-79, 2021* .

(3) Md Hamidur Rahaman *"Generalized (α, β)-Derivations and left ideals in Prime Rings",* **Creat. Math. Inform.**, *Vol. 30, No. 2, pp. 197-202, 2021* .

(4) Md Hamidur Rahaman *"On Commutativity of Prime and Semiprime Rings with Generalized derivations ",* **Ratio Mathematica**, *Vol. 38, pp. 367-375, 2020* .

(5) A. Ali, **Md Hamidur Rahaman**, F. Ali *"Left Annihilator of identity with pair of Generalized derivation in Prime and Semiprime Rings",* **Palestine Journal of Mathematics**, *Vol. 11, pp. 108-113, 2022* .

(6) Md Hamidur Rahaman *"Annihilator of Generalized derivation with power values in Rings and Algebras ",* **Mathematical Sciences and Appilcations E-Notes**, *Vol. 8, No. 2, pp. 65-70, 2020* .

(7) A. Ali, A. Bano, **Md Hamidur Rahaman** *"On multipilicative generalized (α, β)-derivations in prime rings,"* **Gulf Journal of Mathematics**, *Vol. 7, No. 1, pp. 56-67, 2019* .

(8) A. Ali, **Md Hamidur Rahaman** *"On structure of ∗-prime rings with generalized derivation,"* ***Proceedings of ICAA-2016***, pp. 1-10, 2018 .

(9) A. Ali, **Md Hamidur Rahaman** *"On pair of generalized derivations in rings"*, ***Khayyam J. Math***, *Vol. 6, pp. 87-94, 2020* .

International/National Conferences attended/participated

Conferences
- Participated in an International Conference on **Analysis and its Applications (ICAA-2015)** organized by the Department of Mathematics, Aligarh Muslim University, Aligarh, India, **December 19-21, 2015**.
- Participated in an International Conference **Algebra and its Applications (ICAA-2014)** organized by the Department of Mathematics, Aligarh Muslim University, Aligarh, India, **December 15-17, 2014**.
- Participated in an International Conference on **Analysis and its Applications (ICAA-2015)** organized by the Department of Mathematics, Aligarh Muslim University, Aligarh, India, **November 20-22, 2017**.
- Presented the paper **"On pair of generalized derivations in rings"** in the **International conference on Algebra and applied Analysis** in the Department of Mathematics, Integral University, Lucknow, India, **August 9-11, 2018**.
- Presented the paper **"On structure of ∗-prime rings with generalized derivation"** in the international conference on **Algebra and its Applications (ICAA-2016)** organized by the Department of Mathematics, Aligarh Muslim University, Aligarh, India, **November 12-14, 2016**.

Personal Skills

Communication Skills
Good communication skills

The medium of study in UG and PG courses was English

Job-related Skills
Served as mentor for PG students for completing their final semester projects at the Department of Mathematics, Aligarh Muslim University (AMU), Aligarh, U.P., India

Worked as a volunteer for organising various International Conferences/Workshops, in the Department of Mathematics, Aligarh Muslim University Aligarh, India

Personal Details

Name	Dr. Md Hamidur Rahaman
Designation	Assistant Professor in Mathematics
Address	Department of Mathematics, A.P.C Roy Govt. College, Himachal Vihar, Siliguri-10
Father's Name	Md Riajuddin Sk
Date of Birth	March 7, 1989
Gender	Male
Nationality	Indian
Religion	Islam
Category	OBC

Marital status	Married
Languages	Bengali, English, Hindi
PAN No.	Available
E-mail	rahamanhamidmath@gmail.com
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GS Profile	https://scholar.google.co.in/citations?hl=en&user=6-Hq_xMAAAAJ
RG Profile	https://www.researchgate.net/profile/Md_Rahaman4
Linkedin Profile	https://www.linkedin.com/in/md-hamidur-rahaman-27a886b1/

Administrative Experience

1. Served as Coordinator of Netaji Subhas Open University at A.P.C Roy Govt. College (Centre Code K-08).
2. Served as a member of CBCS Committee, Admission Comittee, Career Counselling committee at A.P.C Roy Govt. College