

Curriculum Vitae

Dr. Malik Rashid Jamal
Assistant Professor
Department of Mathematics & Statistics
Faculty of Science
Integral University, Lucknow

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Employment

- Assistant Professor in Department of Mathematics, Integral University, Lucknow, India, from September 26, 2013 (continue)

Scholastic Record

- Ph.D (Mathematics) from Aligarh Muslim University, Aligarh in the year 2013. Topic of Ph.D. thesis “A Study of Derivations in Certain Special Classes of Rings”
- M.Phil. (Mathematics) from Aligarh Muslim University, Aligarh in the year 2008. Topic of M.Phil. Dissertation “A Study of Derivations in Near Rings”.
- M.Sc. (Mathematics) from Aligarh Muslim University, Aligarh in the year 2005 (Second Position).
- B.Sc. (Mathematics, Physics & Chemistry) from Dr. Ram Manohar Lohia Awadh University, Faizabad in the year 2003.

Fellowship

- Non-NET fellowship from University Grant Commission, India (2006-2013).

Field of Specialization/Interest

Ring Theory/Commutativity and Structure of Rings and Near-rings, Derivations on Rings, Near-rings & Banach Algebras, Functional Identities in rings and algebras.

Research Guidance

- 01 Student (Completed Ph.D.)
- 02 Student (Guiding for Ph.D.)
- 09 Student (Guided for P.G. dissertation)

Ph.D. Thesis Supervised (01)

Year	Name of research student	Title of thesis
2022	Darakshan Bano	Study of certain identities involving derivations in rings

Research Experience: 9 years research experience in the field of structures and commutativity of rings, Rings with polynomial identities, derivations and its various generalizations in rings.

Research publications: 11 (Research Papers)

- Number of Papers Published: 11 (see Annexure-I)
- Papers presented at conferences: 10 (see Annexure-II)
- Faculty Induction/Development Programme, Workshops and Conferences attended: 19 (see Annexure-III)

Teaching Experience: 09 years

Topics Taught

Abstract Algebra, Linear Algebra, Computer based numerical and Statistical Methods, Numerical Analysis, Engineering Mathematics.

Professional Services

- Reviewer of Mathematical Reviews (USA).
- Acting as Referee for reputed journals namely Miskolc mathematical notes, Kragujevac Journal of Mathematics, Filomat
- Program coordinator, International Symposium on Algebra, Analysis and their Applications, organized by Department of Mathematics, Integral University on December 22, 2017.
- Organizing secretary, International Conference on Algebra and Applied Analysis organized by Department of Mathematics, Integral University during August 09-11, 2018.

Languages known

- English, Hindi and Urdu: Read, write & speak.
- Arabic: Read only.

Experience in Administration

- Course coordinator (B.Sc. PMC III Semester) in session 2017-18.
- Course coordinator (M.Sc. Mathematics IV Semester) in session 2018-19.
- Course coordinator (M.Sc. Mathematics) in session 2020-21.
- Ph.D. Program coordinator for the session 2021-22, 2022-23.
- Member of Admission committee for the session 2018-19.
- Member of Syllabus review committee in 2017.
- Member, Department Disciplinary committee for the session 2016-17, 2018-19.
- Member Secretary, Department Quality Assurance Cell, Department of Mathematics, Integral University, Lucknow, for the session 2016-17.
- Member, Department Quality Assurance Cell, Department of Mathematics, Integral University, Lucknow, for the session 2017-18, 2019-20.
- Co-coordinator, Department Quality Assurance Cell, Department of Mathematics, Integral University, Lucknow, for the session 2018-19.

Research Publications

1. Mohammad Ashraf, Almas Khan and Malik Rashid Jamal, *On traces of permuting n -derivations and permuting generalized n -derivations of rings*, Miskolc Mathematical Notes 19(2) (2018), 731-740.
2. Mohammad Ashraf and Malik Rashid Jamal, *Generalized Derivations on $*$ -Prime Rings*, Kyungpook Mathematical Journal, 58(3) (2018), 481-488.
3. Muzibur Rahman Mazumdar and Malik Rashid Jamal, *Tri-additive Maps and Local Generalized (α, β) -Derivations*, Ukrainian Mathematical Journal, 69(6) (2017) 986-992.
4. Mohammad Ashraf, Malik Rashid Jamal and Muzibur Rahman Mazumdar, *On the traces of certain classes of permuting mappings in rings*, Georgian Mathematical Journal, 23(1) (2016), 15-23.
5. Mohammad Ashraf, Nazia Parveen and Malik Rashid Jamal, *Traces of permuting n -derivations and commutativity of rings*, Southeast Asian Bulletin of Mathematics, 38 (2014), 321-332.
6. Mohammad Ashraf and Malik Rashid Jamal, *Traces of Permuting n -Additive Maps and Permuting n -Derivations*, Mediterranean Journal of Mathematics 11(2)(2014), 287-297.
7. Mohammad Ashraf and Malik Rashid Jamal, *Some Differential Identities in Prime Γ -Rings*, Boletim da Sociedade Paranaense de Matematica (BSPM) 32(1)(2014), 193-205.
8. Mohammad Ashraf and Malik Rashid Jamal, *Orthogonal Generalized Derivation in Γ -Rings*, The Aligarh Bulletin of Mathematics, 29(1)(2010), 41-46.
9. Mohammad Ashraf and Malik Rashid Jamal, *Orthogonal Derivation in Γ -Rings*, *Advances in Algebra*, 3(1) (2010), 1-6.

10. Darakshan Bano and Malik Rashid Jamal, *On generalized derivations of triangular algebras*, Advances and Applications in Mathematical Sciences, 21(4) (2022), 2255-2267.
11. Malik Rashid Jamal and Darakshan Bano, *Generalized Derivations on Alternative Rings*, Palestine Journal of Mathematics, 11(4), 2022 (to be appear).

Papers presented at Conferences

1. Generalized Jordan (α, β) -Derivations on Triangular Algebras, International Conference on Algebra and Related Topics with Applications, held at the Department of Mathematics, Aligarh Muslim University, Aligarh, India, 17-19 December, 2019.
2. Jordan Triple Higher Derivation on Lie Ideal of Semiprime Ring, International Conference on Algebra and its Applications, held at the Department of Mathematics, Aligarh Muslim University, Aligarh, India, 12-14 November, 2016.
3. Generalized Jordan k -derivation on Semi Prime Gamma Ring, Relevance of Ramanujan's Work and Its Applications in Mathematical Sciences, held at Department of Mathematics, T.D.P.G.College,Jaunpur,India, 24-26 October, 2015.
4. Tri-additive Maps and Local Generalized (α, β) -Derivations, International Conference on Recent Trends in Mathematics, held at the Department of Mathematics, University of Allahabad, Allahabad, India, 10-12 July, 2015.
5. On the traces of certain classes of permuting mappings in rings, Recent trends in algebra and analysis with applications, held at the Department of Mathematics, Aligarh Muslim University, India, February 12-14, 2014.
6. Some differential identities in prime Γ -rings, National Conference on Role of Mathematics in Advances of Science and Technology (NCRMAST-2013), held at Department of Mathematics, B.S.N.V. Post Graduate College, Lucknow, India, October 18-20, 2013.
7. Traces of permuting n -additive maps and permuting n -derivations of rings, International Conference on Recent Advances in Mathematics and Applications (ICRAMSA-2013), held at Department of Applied Mathematics, University Institute of Technology, Rajiv Gandhi Proudhyogiki Vishwavidyalaya, Bhopal, India, December 24-26, 2013.

8. Orthogonal Derivations and Orthogonal Generalized derivations on Γ -Rings, Recent Advances in Mathematics and Their Applications, held at Shri Varshney College, Aligarh, February 12-13, 2011.
9. Orthogonal Generalized Derivation in Γ -Rings, International Congress of Mathematics, Hyderabad, India, August 19-27, 2010.
10. Orthogonal Derivation in Γ -Rings, International Conference on Algebra and its Applications (ICAA-2010), held at the Department of Mathematics, Aligarh Muslim University, Aligarh, India, November 3-5, 2010.

Faculty Induction/Development Programs, Workshops and Conferences attended

1. Faculty Induction Programme, organized by UGC Human Resource Development Centre, Aligarh Muslim University, Aligarh, 07 September-12 October 2021.
2. International Conference on Algebra and Related Topics with Applications, held at the Department of Mathematics, Aligarh Muslim University, Aligarh, India, 17-19 December, 2019.
3. International Symposium on Algebra, Analysis and their Applications, held at Department of Mathematics, Integral University, Lucknow on December 22, 2017.
4. Instruction School for Teachers in Topology, held at Department of Mathematics, Indian Institute of Technology, Patna, India, 1-13 May, 2017.
5. National Workshop on Role of Mathematics on Science and Technology, held at Department of Mathematics, Integral University, Lucknow on April 10, 2017.
6. International Conference on Algebra and its Applications (ICAA-2016), held at the Department of Mathematics, Aligarh Muslim University, Aligarh, India, November 12-14, 2016.
7. Relevance of Ramanujan's Work and Its Applications in Mathematical Sciences, held at Department of Mathematics, T.D.P.G. College, Jaunpur, India, 24-26 October, 2015.
8. International Conference on Recent Trends in Mathematics, held at the Department of Mathematics, University of Allahabad, Allahabad, India, 10-12 July, 2015.
9. National Workshop on Data Analysis by SPSS, held at Department of Mathematics, Integral University, Lucknow on February 25, 2015.

10. Recent trends in algebra and analysis with applications, held at the Department of Mathematics, Aligarh Muslim University, India, February 12-14, 2014.
11. International Conference on Recent Advances in Mathematics and Applications (ICRAMSA-2013), held at Department of Applied Mathematics, University Institute of Technology, Rajiv Gandhi Proudhyogiki Vishwavidyalaya, Bhopal, India, December 24-26, 2013.
12. National Conference on Role of Mathematics in Advances of Science and Technology (NCRMAS-2013), held at Department of Mathematics, B.S.N.V. Post Graduate College, Lucknow, India, October 18-20, 2013.
13. International Conference on Differential Geometry and Relativity held at the Department of Mathematics, Aligarh Muslim University, Aligarh, India, November 20-22, 2012.
14. Workshop on Computational Techniques of Geometry in Relativity and Allied Topics, held at Department of Mathematics, Aligarh Muslim University, Aligarh, India, November 16-20, 2012.
15. Recent Advances in Mathematics and Their Applications, held at Shri Varshney College, Aligarh, February 12-13, 2011.
16. International Conference on Algebra and its Applications (ICAA-2010), held at the Department of Mathematics, Aligarh Muslim University, Aligarh, India, November 3-5, 2010.
17. International Congress of Mathematics, held at Hyderabad, India, August 19-27, 2010.
18. International Conference on Recent Trends in Mathematics and its Applications (ICRTMA-09) held at the Department of Mathematics, Jamia Milia Islamia University, New Delhi, India, March 30-31, 2009.
19. International Conference in Analysis and its Applications (ICAA-2008), held at the Department of Mathematics, Aligarh Muslim University, Aligarh, India, November 3-5, 2008.

Personal Details

Father's Name	Malik Abdul Hai
Date & Place of Birth	20 September 1983, Siddharhnagar, U.P.
Nationality	Indian
Religion	Islam
Marital Status/Sex	Married/Male

References:

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(Malik Rashid Jamal)