

CURRICULUM VITAE



Name: Mohammad Shane Alam

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Career Objective: To be actively indulged in the learning process and to give my best to the institute

Educational Qualifications:

- **Pursuing Ph. D in Mathematics at Aligarh Muslim University, Aligarh**
- **Domain of Research: *Rings & Algebras***

- **M.Sc. Mathematics (2019)**
- Passed with **CGPA 6.5 out of 10** from the department of mathematics Aligarh Muslim University, Aligarh, India.

- **B.Sc. Mathematics & Physics (2015)**
- Passed with **64.29% Marks** from **Moradabad Muslim Degree College (M.J.P. Rohilkhand University, Bareilly, Uttar Pradesh, India.**

- **Intermediate (10+2)**
- Passed with **70.4%** from **U.P. Board** in 2012 from **Z.H.T. Inter College, Peepalsana, Moradabad U.P., India.**

- **High School (10th)**
- Passed with **65.66%** from **U.P. Board** in 2010 from **I. H. Inter College, Peepalsana, Moradabad U.P., India.**

Experience & Achievement:

- **2-years** of teaching experience **6th to 12th academic preparation in Preparation -Adda Coaching Center, Moradabad-**
- **2- years** of teaching experience **up to 12th at Z.H.T. Inter College, Peepalsana, Moradabad.**
- Having experience in teaching classes for **MCA Entrance Exam at Edu-HUB Coaching Classes, Aligarh.**
- **1-year of teaching experience B.Tech. entrance exam AMU, JMI, BHU etc. in Future Coaching classes, Sasni gate Aligarh.**
- **1-year** teaching experience **up to 12th at Zakir Hussain Model Senior Secondary School, Aligarh.**
- **3 –years of Online tutoring experience in CHEGG INDIA, BARTLEBY, COURSE HERO AND PHOTOMATH etc. as subject matter expert.**

Research Publications: (8)

1. Functional Identities in Superalgebras: Theoretical Insights and Computational Verification, *Symmetry*, 17(9), Article 1527, 2025.
Ali Yahya Hummdi, Mohammad Shane Alam.
(Published)
2. (ζ_1, ζ_2) -Derivations of Incidence Algebras, *Asian-European Journal of Mathematics*, 2025.
Mohammad Shane Alam, Mohammad Aslam Siddeeqe, Raof Ahmad Bhat.
(Published)
3. *Nonlinear Maps Preserving the Mixed Type Products on *-Algebras*, *Ricerche di Matematica*, 2025.
Mohammad Aslam Siddeeqe, Mohammad Shane Alam, Raof Ahmad Bhat.
(Published)
4. *A Note on Nonlinear Mixed Type Product $[E \diamond K, D]^*$ on *-Algebras*, *Hacettepe Journal of Mathematics and Statistics*, 54(1), 16–25, 2025.
Mohammad Aslam Siddeeqe, Raof Ahmad Bhat, Mohammad Shane Alam.
(Published)
5. Characterization of Mixed Triple Derivations on Incidence Algebras, *Filomat*, 39(2), 2025.
Mohammad Aslam Siddeeqe, Raof Ahmad Bhat, Mohammad Shane Alam.
(Published)
6. Nilpotent Graphs of Lie Superalgebras: Structure and Graph-Theoretic Properties, *AIMS Mathematics*, 2025.
Ali Yahya Hummdi, Kholood Alnefaie, Giovanni Scudo, Mohammad Shane Alam.
(Published)
7. Nonlinear Mixed ζ -Jordan Triple $*$ -Derivations on *-Algebras, 2025.
Mohammad Aslam Siddeeqe, Mohammad Shane Alam, Raof Ahmad Bhat.
(Published)
8. *A Note on Nonlinear Maps Preserving the Skew-Jordan Type Products on *-Algebras*, *Proceedings of the Second International Conference on Mathematics with Applications*, Antalya, Turkey, 2024.
Mohammad Aslam Siddeeqe, Raof Ahmad Bhat, Mohammad Shane Alam.
(Accepted)

Details of International Events / Conferences Attended

1. ATM workshop AFS-2 organized by the Department of Mathematics, Shiv Nadar University, Delhi NCR, from 29th November 2021 to 8th January 2022.
2. ATM workshop AFS-1 organized by the Department of Mathematics, IIT Jodhpur, from 5th December 2022 to 31st December 2022.
3. One Week International E-Faculty Development Programme on "Fixed Point Theory and its Applications," organized by the Department of Mathematics and Statistics, Manipal University Jaipur, September 15–19, 2020.
4. National Workshop on Ancient Indian Mathematics held on March 14–16, 2022, at the Department of Mathematics and Statistics, Central University of Punjab, Bathinda, India.
5. International Workshop on Algebra and Fluid Dynamics (IWAFD-2025), organized by the Department of Mathematics, National Institute of Technology Jamshedpur, October 21–25, 2025

6. Participation in the International Conference on Recent Trends in Advanced Sciences and Computing (ICRTASC-2025) held at VIT Bhopal University from November 17–19, 2025.

Domain of interest:

- Group Theory, Ring Theory, Field Theory,
- Real Analysis, Complex Analysis, Functional Analysis,
- Topology, Metric Space,
- Differential Equation (ODE and PDE).
- Linear Algebra, Calculus,
- Operator Algebras, Incidence Algebras,

Computer Proficiency:

Platforms: Microsoft Word, Latex, MATLAB.

Linguistic Ability:

- ENGLISH
- HINDI
- URDU
- ARABIC

Personal Details:

Passport Number: ZA235771

Father's Name: Mr. Mohammad Zareef

Mother's Name: Mrs. Maiser Jahan

Spouse's Name: Mrs. Nida Khan

Daughter Name: Ms. Abeeha Fatima

Date of Birth: July 10, 1995.

Marital Status: Married

Sex: Male

Religion: Islam

Nationality: India

References

Prof. Nadeem ur Rehman

Professor,

Department of Mathematics,

Aligarh Muslim University,

Aligarh, UP-202002, India.

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Prof. Shakir Ali

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Prof. Mohammad Aslam Siddeeqe

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Hobbies:

- Reading Books
- Surfing Internet
- Solving Puzzles

Declaration:

I declare that the information and facts stated herein above are true and correct to the best of my knowledge and belief.

Date: 20/12P/2025

Place: AMU, Aligarh

(Mohammad Shane Alam)