Dr. MOHAMMAD AASIM KHAN

Assistant Professor,
Department of Mathematics & Statistics,
Integral University, Lucknow
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EMPLOYMENT HISTORY

➲ **August 2016-** Continue as **Assistant Professor**, Department of Mathematics & Statistics, Integral University, Lucknow

NATIONAL LEVEL EXAMINATION

Examination	Discipline	Roll No.	Years	Score	AIR
GATE	Mathematics	MA5466174	2012	612	**10**
CSIR-UGC NET	Mathematics	422961	2011(June)		**47**

ACADEMIC CREDENTIALS

➲ **Ph.D.(Mathematics)** from **Aligarh Muslim University**, **Aligarh** in year **2016**
   Topic: **On Study of Ordered Semigroups**
➲ **B.Ed** from **Integral University, Lucknow** in year **2009** with 71.9%.
➲ **M.Sc (Mathematics)** from **C.S.J.M University, Kanpur** in Year **2008** with 64.2%.
➲ **B.Sc** from **C.S.J.M University, Kanpur** in Year **2005** with 61.03%.
➲ **Intermediate** from **U.P.Board, Allahabad** in Year **2002** with 60.4%.
➲ **Highschool** from **U.P.Board, Allahabad** in Year **2000** with 59.33%.

AREA OF SPECIALIZATION

➲ **Pure Mathematics:** Algebra (The algebraic theory of semigroups)

RESEARCH INTEREST

➲ Algebra (The algebraic theory of semigroups), Fuzzy Algebra

RESEARCH EXPERIENCE

➲ 7 years research experience in the field of Theory of Semigroups & Fuzzy Algebra

RESEARCH GUIDANCE

➲ 02 Student (Guiding for Ph.D.)

AWARDS/ FELLOWSHIPS

➲ **UGC-BSR Senior Research Fellowship(SRF)** 2015-2016
➲ **UGC-BSR Junior Research Fellowship(JRF)** 2013-2015
➲ Qualified **GATE 2012** with **Percentile 99.78** and **All India Rank 10**
➲ Qualified **CSIR-UGC NET**- **June 2011** with **All India Rank-47**

COURSES TAUGHT

➲ **At Under Graduate Level:** Engineering Mathematics, Abstract Algebra, Number Theory, Business Mathematics
➲ **At Post Graduate Level:** Abstract Algebra, Functional Analysis, Calculus of Variations

PROFESSIONAL SERVICES

➲ Acting as Referee for reputed journals namely Neural Computing & Applications, Soft Computing, Journal of Intelligent & Fuzzy System, Fuzzy Information & Engineering Journal, Journal of Algebraic Structures, Annals of Fuzzy Mathematics & Informatics.
➲ Program coordinator, International Conference on Algebra and Applied Analysis organized by Department of Mathematics, Integral University during August 09-11, 2018.

EXPERIENCE IN ADMINISTRATION

➲ Course coordinator (B.Sc. PMC V Semester) in session 2018-19
➲ Course coordinator (M.Sc. Mathematics IV Semester) in session 2017-18
➲ Member of Admission committee for the session 2018-19.
➲ Member, Department Disciplinary committee for the session 2019-20
➲ Member, Departmental Time Table committee
➲ Member, Department Quality Assurance Cell, Department of Mathematics, Integral University, Lucknow, for the session 2017-18, 2019-20.

RESEARCH PUBLICATIONS

Publish/Accepted-

➲ Noor Mohammad Khan and **Mohammad Aasim Khan** Ordered semigroups characterized by intuitionistic fuzzy ideal, **Algebra and its Applications, (Springer Proceedings in Mathematics and Statistics), Voulme 134, 397-420, 2016**

➲ Noor Mohammad Khan, Bijan Davvaz and **Mohammad Aasim Khan** Ordered semigroups characterized in terms of generalized fuzzy ideals, **Journal of Intelligent and Fuzzy System, 32, 1045-1057, 2017 (Impact Factor- 2.00)**

➲ **Mohammad Aasim Khan** and Noor Mohammad Khan(2016) Fuzzy filters of ordered semigroups, **Annals of Fuzzy Mathematics and Informatics, Volume 12, No. 6, 835–853, 2016**

➲ Jian Tang, Noor Mohammad Khan and **Mohammad Aasim Khan** Study on interval valued generalized fuzzy ideals of ordered semigroups, **Annals of Fuzzy Mathematics and Informatics, 11(5), 783-798, 2015**

WORKSHOPS/CONFERENCES

➲ Training programme on "**Computational Techniques of Geometry in Relativity and Allied Topics**" held at Department of Mathematics, Aligarh Muslim University, Aligarh, India, in **November 16-20, 2012**

➲ Participate in the "**International Conference on Differential Geometry and Relativity**" held at Department of Mathematics, Aligarh Muslim University, Aligarh, India, in **November 20-22, 2012.**

➲ Participate in the "**International Conference on Recent Trends in Algebra and Analysis with Applications**" held at Department of Mathematics, Aligarh Muslim University, Aligarh, India, in **February 12-14, 2014.**

➲ Paper entitled "**Ordered semi-group characterized by intuitionistic fuzzy ideals**" is presented in International Conference on Algebra Analysis and Geometry and its Application, 2014 held at Department of Mathematics, Jamia Millia Islamia, New Delhi, India, in **November 27-29, 2014.**

➲ Paper entitled "**Characterization of fuzzy lattice**" is presented in International Conference on Algebra and its Application, 2014 held at Department of Mathematics, Aligarh Muslim University, Aligarh, India, in **December 15-17, 2014.**

➲ National Workshop on "**Latex and Matlab for beginners**" held at Department of Mathematics, Birla Institute of Technology and Science, Pilani, Rajasthan, in **December 24-28, 2014.**

➲ Participate in the "**International Conference on Analysis and its Applications**" held at Department of Mathematics, Aligarh Muslim University, Aligarh, India, in **December 19-21, 2015**

- ⊃ Paper entitled "**Ordered Semigroups Characterized in terms of Generalized Fuzzy Ideals**" is presented in International Conference on Algebra and its Application, 2016 held at Department of Mathematics, Aligarh Muslim University, Aligarh, India, in **November 12-14, 2016.**
- ⊃ Paper entitled "**Fuzzy Generalized Bi-Ideals in Ordered Semigroups**" is presented in International Conference on Algebra and Applied Analysis, 2018 held at Department of Mathematics, Integral University, Lucknow, India, in **August 09-11, 2018.**
- ⊃ Paper entitled "**Fuzzy Interior Ideals in Ordered Semigroups**" is presented in International Conference on Algebra and Related Topic with Applications, 2019 held at Department of Mathematics, Aligarh Muslim University, Aligarh, India, in **December 17-19, 2019.**

IT SKILL SETS

Languages: C, C++

Web Designing: HTML, DHTML

Databases: MS Access

Software: Latex, Win-Edt, Matlab, MS-Office 2016

CERTIFICATION

- ⊃ Diploma in Computer Application (DCA) from UPTEC Computer Consultancy Ltd. in **2005**

NAME OF REFEREES

1. Prof. Noor Mohammad Khan
   Department of Mathematics
   Aligarh Muslim University, Aligarh, India
   Email: nm_khan123@yahoo.co.in

2. Prof. Viqar Azam Khan
   Department of Mathematics
   Aligarh Muslim University, Aligarh, India
   Email: viqarster@gmail.com

PERSONAL DETAIL

- ⊃ Name: Mohammad Aasim Khan
- ⊃ Father Name: Mohammad Naseer Khan
- ⊃ Date of Birth: 25th September 1985
- ⊃ Permanent Address: 17/112 Nawab compound, Ram Narain Bazar, Kanpur-208001
- ⊃ Language Known: English, Hindi, urdu
- ⊃ Contact number: 09795905162
- ⊃ E-mail: khan.aasim012@gmail.com
- ⊃ Sex: Male

DECLARATION

I Dr. Mohammad Aasim Khan here by confirm and declare that the information given is true and accurate.

Date:

Place: Lucknow   **(Dr. Mohammad Aasim Khan)**