

MA

# MOHD. ASIF

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## Summary

As an Assistant Professor of Mathematics, I am a dedicated educator, active researcher, and collaborative contributor to the academic community. With a passion for teaching and a robust research program, I strive to advance the field of mathematics and positively impact the intellectual growth of students.

## Skills

- Course Planning
- Lesson Planning
- Time Management
- Classroom Management
- Student Performance Evaluation
- Research and Analysis
- Career Counselling

## Experience

Integral University, Lucknow, India  
**Assistant Professor**  
16/08/2023 - Present

- Delivering course lectures using modern technology to enhance student comprehension.
- Mentoring and motivating students to increase class participation.
- Using tutorial sheets, quizzes and class tests to assess how well students grasped learning material and concepts.
- Member of DQAC.

Shri Ramswaroop Memorial College of  
Engineering and Management, Lucknow  
**Assistant Professor**  
11/04/2023 - 15/08/2023

- Delivered course lectures.
- Mentored and motivated students to increase class participation.
- Used tutorial sheets, quizzes and class tests to assess how well students grasped learning material and concepts.
- Encouraged students to actively participate in class through positive reinforcement and engagement techniques

Integral University, Lucknow, India  
**Visiting Faculty Member**  
11/11/2022 - 11/01/2023

- Delivered course lectures using modern technology to enhance student comprehension.
- Administered and graded tests and assignments to evaluate student performance and monitor progress.
- Maintained students' attendance records, grades and reports in strict confidence.
- Advised students in personal matters, driving academics, attendance and behaviors.

Integral University, Lucknow, India  
**Research Scholar**  
12/2018 - 06/2022

- Delivered course lectures using modern technology to enhance student comprehension.
- Used exams, quizzes and projects to assess how well students grasped learning material and concepts.
- Encouraged students to actively participate in class through positive reinforcement and engagement techniques

## Education -----

Integral University, Lucknow, India

**Ph.D.** in Mathematics

12/2022

- National fellowship for OBC Candidates (NFOBC) Recipient
- Thesis: Certain Algorithms and Convergence Results for Generalized Variational Inequalities and Equivalent Problems

Babasaheb Bhimrao Ambedkar University, Lucknow, India

**M.Sc.** In Applied Mathematics

08/2014

- 8.6406 GPA
- Gold medalist Recipient
- Dissertation: On Eulerian Graph

University of Lucknow, Lucknow, India

**B.Sc.** in Mathematics and Computer Science

05/2011

## Fellowship/Scholarship -----

- **NFOBC-JRF:** Received National Fellowship for OBC Candidates (NFOBC-JRF) from 01/04/2018 to 31/03/2020 by University Grant Commission (UGC).
- **NFOBC-SRF:** Received National Fellowship for OBC Candidates (NFOBC-SRF) from 01/04/2020 to 30/06/2022 by University Grant Commission (UGC).

## Research Publications -----

- Z. Khan, Khushbu, **M. Asif**, Extension of Variational Inequalities with Generalized Weakly Relaxed  $\alpha$  -Semi-Pseudomonotone Mapping, *J. Sci. Arts*, 47 (2), 375-384 (2019).
- Z. Khan, Khushbu, **M. Asif**, Generalized H- Resolvent Equation with H- $\phi$ - $\eta$ -Accretive Operator, *South East Asian Journal of Mathematics and Mathematical Sciences*, 16 (2), 57-70 (2020).
- A. F. Ansari, **M. Asif**, Z. Khan, D-Gap Function and Error Bound in Fuzzy Settings, *GANITA*, 71 (2), 145-152 (2021).
- **M. Asif**, Z. Khan, F. Babu, A. F. Ansari, Generalized Regularized Gap Functions and Error Bounds for Generalized Vector Variational-like Inequalities, *Appl. Set-Valued Anal.*, 4 (1), 83-93 (2022).
- **M. Asif**, Z. Khan, A. W. Khan, Common Strongly Attractive Points of Nonexpansive Set-Valued Mappings and Applications, *Rend. Circ. Mat. Palermo, II. Ser.*, (2022) <https://doi.org/10.1007/s12215-022-00836-6>
- F. Babu, **M. Asif**, Z. Khan, Inertial Mann and viscosity type iterative methods for attractive points of generalized hybrid mappings. *J Nonlinear Convex Anal*, 24 (2), 269-281 (2023).
- A. F. Ansari, **M. Asif**, Z. Khan, Generalized Regularized Gap Function and D Gap Function for Random Generalized Variational-like Inequality with Applications, (**Accepted** in *Paletine Journal of Mathematics*)

## Conference/Workshop-----

- Participated in International Conference on Mathematical Modeling and Numerical Simulation (ICMMNS-2013) during 01-03 July, 2013 held at **Babasaheb Bhimrao Ambedkar University**, Lucknow, India.

- Participated in International Workshop on Convex Analysis and Optimization (IWCAO-2017) during November 14-19, 2017 held at **Aligarh Muslim University**, Aligarh, India.
- Participated in International Symposium on Algebra, Analysis and their Applications (December 22, 2017) held at **Integral University**, Lucknow, India.
- Participated in Seminar on Following the Research Workflow using Elsevier Tools held at **Integral University**, Lucknow, India.
- Participated and presented a paper entitled “Approximation of solution for extended variational-like inclusion and generalized  $H$ -resolvent equation problem” in International Conference on Algebra and Analysis (ICAA-2018) during August 9-11, 2018 held at **Integral University**, Lucknow, India.
- Participated in **4<sup>th</sup> One-Week International Workshop on Technical Writing using LaTeX (Online)** during 30<sup>th</sup> March - 5<sup>th</sup> April 2024 held at VIT-AP University, Amravati, India.

### Faculty Development Program -----

- **Two week refresher course / FDP** organized by **Department of Mathematics & Statistics** and **Human Resource Development Centre** of **Integral University, Lucknow** during 23<sup>rd</sup> September 2023 to 9<sup>th</sup> December 2023.
- **5 days FDP (online)** on **Latest Trends on Computational Mathematics - Theory, Methods & Applications** organized by Department of Mathematics, JIS University during 26<sup>th</sup> February - 01 March 2024.

### Research Interest -----

- Generalized variational inequalities and variational inclusions
- Iterative algorithms for generalized variational inequalities and equivalent problems
- Fixed point theory
- Attractive point theory

### Computer Proficiency-----

- LATEX
- MS Office, Windows

### References -----

- Dr. Qamrul Hasan Ansari, Professor, Department of Mathematics, AMU, Aligarh.  
email: [qhansari@gmail.com](mailto:qhansari@gmail.com)
- Dr. Zubair Khan, Associate Professor, Department of Applied Mathematics, AMU, Aligarh.  
email: [zubkhan403@gmail.com](mailto:zubkhan403@gmail.com)
- Dr. Abdul Wadood Khan, Head & Associate Professor, Department of Mathematics & Statistics, Integral University, Lucknow.  
email: [awkhan@iul.ac.in](mailto:awkhan@iul.ac.in)