

# EDITORIAL BOARD MEMBER PROFILE

## **Name:**

Dr. Ajjaz Maqbool Dar, Ph.D.

## **Designation:**

Assistant Professor, Department of Mathematics

Govt. Women's College, M.A. Road, Srinagar, Jammu & Kashmir, India

Email: ajjazmaqbool013@gmail.com

Nationality: Indian

## **Academic Qualification (Highest):**

Ph.D. in Mathematics – Devi Ahilya University, Indore (2022)

## **Professional Summary:**

Dr. Ajjaz Maqbool Dar is a dedicated mathematician and researcher with more than 12 years of experience in teaching and research in Pure and Applied Mathematics. His work spans Abstract Algebra, Fuzzy Linear Programming, Real and Complex Analysis, and Optimization Models. His doctoral research focused on 'Application of Fuzzy Linear Programming to Transportation Problems,' establishing contributions to algorithmic modelling and optimization.

## **Teaching & Academic Experience:**

- Assistant Professor, Govt. Women's College, M.A. Road Srinagar
- Served in multiple institutions: Govt. Degree College Pattan, Govt. College for Women Nawakadal, Sri Pratap College Srinagar, JK Institute of Mathematical Sciences, SAM College Budgam
- 12+ years of teaching & research experience
- Guided students in applied mathematics and computational research

## **Areas of Specialization / Research Interests:**

Abstract Algebra • Fuzzy Linear Programming • Real & Complex Analysis • Optimization Models • Algorithmic Modelling • Applied Mathematical Computing

## **Publications & Research Contributions:**

- 15+ papers in Scopus, Web of Science, and UGC-CARE journals
- Notable works: 'Optimizing Pathfinding: A Novel Algorithm for Graph Theory' (2025), 'Optimizing Multi-Objective Transportation Problems Using LINDO Software' (2023)
- 20+ international presentations in Turkey, Montenegro, Azerbaijan, Pakistan, and India
- Book chapters with CRC Press (Taylor & Francis) & Bright MP Publishers

## **Academic Engagements & Roles:**

- Editorial Advisory Board Member
- Reviewer for Natural Science Publishing, Journal of Statistics Applications and Probability, and IJRSI
- Contributor to curriculum design & PG project guidance

## **Honours & Recognitions:**

- Recognized for contributions to optimization and mathematical modelling
- Invited speaker at international conferences