Dr. Saleem Yousuf

Assistant Professor

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Srinagar, Jammu and Kashmir, India 1991-10-10

Indian

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Professional Summary

Assistant Professor with 6 years of teaching experience, specializing in Nonlinear Functional Analysis, Variational Inequality, and Fixed Point Theory. An experienced educator with a solid background in academic research, curriculum development, and student mentorship. Exhibits exceptional pedagogical expertise and advanced academic articulation, cultivating a rigorous and intellectually enriching learning environment. Known for academic integrity and reliability, with a demonstrated ability to advance educational outcomes through innovative instructional approaches and impactful collaborative initiatives.

Complete Employment History

Assistant Professor 05/08/2022 – Present
National Institute of Technology, Srinagar Srinagar, Jammu and Kashmir

Assistant professor (Contractual) 08/04/2021 – 04/08/2022
Directorate of Distance Education, University of Kashmir Jammu and Kashmir

Lecturer (Contractual) 15/02/2021 – 07/04/2021
Govt. College of Engineering and Technology, Safapora Ganderbal Jammu and Kashmir

Lecturer (Contractual) 20/04/2020 – 31/12/2020
Govt. Degree College Beerwah Jammu and Kashmir

Lecturer (Contractual) 10/08/2018 – 31/12/2018
National Institute of Technology Srinagar Srinagar, Jammu and Kashmir

Complete Education Background

Ph.D. (Mathematics) 2019 | Aligarh, India
Aligarh Muslim University, India
(Awarded)

M.Phil. (Mathematics) 2015 | Aligarh, India
Aligarh Muslim University, India
Percentage: 80% (Awarded)

M.Sc (Mathematics) 2013 | Aligarh, India
Aligarh Muslim University, India
Percentage: 81%

B.Sc(Hons) Mathematics 2011 | Aligarh, India
Aligarh Muslim University, India
Percentage: 75%

H.S.S –II (Science) 2007 | India
JK BOSE
Percentage: 71%

High School 2005 | India
JKBOSE
Percentage: 80%

Awards and Scholarships

Maulana Azad National Fellowship
University Grants Commission, India
(2016-2019)

Young Researcher award 2020
INSC Banglore, Govt. of India

Junior and Senior Research Fellowship
University Grants Commission, India
(2016-2019)

Qualified JKSET (Mathematics)
University Grants Commission, New Delhi

Fields of Specialization and Interest: Mathematics Specializations

- Nonlinear Functional Analysis
- Iterative Methods
- Variational Inequalities
- Fixed Point Problems
- Equilibrium Problems

Courses Taught

Mathematics Courses

- Real Analysis
- Complex Analysis
- Functional Analysis
- Calculus
- Linear Algebra
- Differential Equations
- Laplace and Fourier Transforms
- Statistics and Probability
- Numerical Analysis

Research Publications

1. K. R. Kazmi; Rehan Ali; Saleem Yousuf. Generalized equilibrium and fixed point problems for Bregman relatively nonexpansive mappings in Banach spaces. *J. Fixed Point Theory Appl.* **2018**, 20, 151. https://doi.org/10.1007/s11784-018-0627-1

2. K. R. Kazmi; Saleem Yousuf. Common solutions to generalized mixed equilibrium problem and fixed point problems in Hilbert space. *Rev. R. Acad. Cienc. Exactas Fís. Nat. Ser. A Mat.* **2019**. https://doi.org/10.1007/s13398-019-00725-1

3. K. R. Kazmi; Rehan Ali; Saleem Yousuf; Mohammad Shahzad. A hybrid iterative algorithm for solving monotone variational inclusion and hierarchical fixed point problems. *Calcolo* **2019**, 56 (4), 19. https://doi.org/10.1007/s10092-019-0331-6

4. K. R. Kazmi; Saleem Yousuf; Rehan Ali. Systems of unrelated generalized mixed equilibrium problems and unrelated hierarchical fixed point problems. *Fixed Point Theory* **2020**, 21 (2), 611–630. https://doi.org/10.24193/fpt-ro.2020.2.43

5. W. Rameriz; Shahid Wani; Saleem Yousuf; D. Bedoya. About properties and monomiality principle of Bell-based Apostol-Bernoulli-type polynomials. *Carpathian Math. Publ.* **2024**, 16 (2), 379–390. https://doi.org/10.15330/cmp.16.2.379-390

6. A. M. Alqahtani; Saleem Yousuf; Shahid Ahmad Wani; Roberto S. Costas-Santos. Investigating multidimensional degenerate hybrid special polynomials and their connection to Appell sequences: properties and applications. *Axioms* **2024**, 13, 859. https://doi.org/10.3390/axioms13120859

7. Saleem Yousuf; Firdoos Yousuf. Hybrid iterative method for solving equilibrium and fixed point problems in uniformly smooth Banach spaces. *J. Appl. Math. Inform.* **2025**, 43 (5), 1361–1377. https://doi.org/10.14317/jami.2025.1361

8. Saleem Yousuf. Hybrid iterative method for solving split variational inclusion problem and fixed point problem for a finite family of nonexpansive mappings in real Hilbert space. *Ann. Univ. Ferrara* **2025**. https://doi.org/10.1007/s11565-025-00611-2

9. Saleem Yousuf; Amjad Hussain. Approximation of solutions of split monotone variational inclusion and fixed point problem for a finite family of nonexpansive mappings. *Indian J. Pure Appl. Math.* **2026** (Accepted). [DOI pending]

Scripts/Study Material

Complex Analysis-I
Published by Directorate of Distance Education, University of Kashmir, Srinagar (2022), ISBN: 978-93-5680-351-0

Conferences/Workshops

1. International Conference on Analysis (December 20-22, 2015) Department of Mathematics, Aligarh Muslim University , Aligarh, India.
2. International Conference on Differential geometry, Algebra and Analysis (November 15-17, 2016) Department of Mathematics, Jamia Millia Islamia, New Delhi-110025, India.
3. International Workshop on convex analysis and optimization (IWCAO-2017)(November 14-19, 2017) Department of Mathematics, Aligarh Muslim University , Aligarh, India.
4. Conference on Analysis and its Applications (December 9-11, 2017) Department of Mathematics, Dyal Singh college University of Delhi, New Delhi, India.
5. International Conference on Applicable Mathematics (19-20 February, 2018) Department of Mathematics, Motilal Nehru college, University of Delhi, India.
6. 84th Annual Conference of Indian Mathematical society: An International Meet (27-30 November, 2023) BITS Pilani hyderabad.
7. International workshop on analysis and it's applications (2024) IIT Hyderabad.

Administrative Experience

I. Warden and Staff Advisory Mess Boys Hostel (NIT Srinagar) from September 2022 till date.
II. Coordinator Mathematics at Directorate of Distance Education, University of Kashmir, from April 2021 to August 2022.

Languages

- English
- Kashmiri
- Hindi
- Urdu

Other Skills

Technical Skills
- Computer knowledge
- LaTeX
- Mathematics Software

References

Prof. Tariq Ahmad Chishti,
Directorate of Distance Education, Kashmir University Hazratbal Srinagar, Jammu and Kashmir-190006
tachishti@uok.edu.in

Prof. Kaleem Raza Kazmi, *Department of Mathematics, Aligarh Muslim University, Aligarh*-202002
krkazmi@gmail.com