



Image: 270 X 271 Pixels

Dr. Sejal V. Puvar,

Assistant Professor, Mathematics

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Education

PhD (2024) – The Maharaja Sayajirao University of Baroda

Thesis titled “Common Fixed Point Theorems in G-metric Spaces”

MSc (2012) – University of Mumbai

BSc (2010) – Saradar Patel University, Gujarat

CSIR-UGC NET qualified

GSET qualified

Key Skills

- Dr. Sejal Puvar is a Mathematician with expertise in Fixed Point Theory and Analysis
- She has software skills in MATLAB, LaTeX.

Background

Joined GSFC University in June 2025

Scholarship and Accomplishments

Dr. Sejal Puvar has

- Qualified the **National Eligibility Test (NET)** for Assistant Professor conducted by CSIR-UGC, Government of India (November 2017).
- Qualified the **Gujarat State Eligibility Test (GSET)** for Assistant Professor (November 2017).
- Selected under the **Women Scientists Scheme-A (WOS-A)** for research in Basic/Applied Sciences by the Department of Science and Technology (DST), Government of India. Project title: “Common Fixed Point Theorems in G-metric Spaces” (File No. DST/WOS-A/PM-64/2021).
- Received **SHODH-Scheme funding** for Ph.D. from the Government of Gujarat (Ref. No. 202001720096), for the period July 2021 – June 2023.
- Awarded **Second Prize in Oral Presentation** for the research work “Common fixed point results for (ψ, ϕ) -Wardowski contraction” at the National Conference on *Scientific Innovations towards Developed India*, organized by The Maharaja Sayajirao University of Baroda, Vadodara (February 2024).
- **Reviewed a research article** for the international journal *Problemy Analiza – Issues of Analysis*.

- 7 years of teaching experience, having served as a faculty member at Jai Hind College, Mumbai, and in the Department of Mathematics, Faculty of Science, The Maharaja Sayajirao University of Baroda.

Most Three Notable Publications

1. S. V. Puvar, R. G. Vyas, "Coincidence and Common Fixed Point Results in G-Metric Spaces using Generalized Cyclic Contraction", Thai Journal of Mathematics, vol. 20 (2022), no. 3, 1109—1117. (Scopus, ESCI) (MR4524767)
2. S. V. Puvar, R. G. Vyas, "Ciric-Type Results in Quasi-metric spaces and G-metric spaces using simulation function", Problemy Analiza - Issues of Analysis, vol. 11(29) (2022), no. 2, 72-90. (Scopus, ESCI) (MR4459168)
3. S. V. Puvar, R. G. Vyas, " (ψ, ϕ) -Wardowski contraction for three maps in G_b -metric spaces", Acta et Commentationes Universitatis Tartuensis de Mathematica (ACUTM), vol. 27 (2023), no. 1, 69-82. (Scopus, ESCI) (MR4611960)