

FACULTY PROFILE



Name : Dr. Sreya V. V.

Designation : Assistant Professor

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Professional Qualification:

- PhD. in Mathematics from Central University of Kerala, 2023.

Publications (Journals & Conferences):

- **Valiya Valappil S., & Pulickakunnel S.**(2023). "Some fixed point theorems and applications in Busemann spaces." Bollettino dell'Unione Matematica Italiana, Springer: 1-9.
- **Valappil, S. V., & Pulickakunnel, S.** (2022). The Leray-Schauder Principle in Geodesic Spaces. 3C TIC. Cuadernos de desarrollo aplicados a las TIC., 99.
- **Sreya, V. V., & Shaini, P.** (2021, May). Some Continuation results in Uniquely Geodesic Spaces. In Journal of Physics: Conference Series (Vol. 1850, No. 1, p. 012046). IOP Publishing.
- Pulickakunnel S., & **Valappil, S. V.** (2016). Fixed point theorems for condensing mappings satisfying Leray-Schauder type conditions. Communications of the Korean Mathematical Society, 31(1), 139-145.
- **SreyaValiyaValappil & Shaini Pulickakunnel**,(2023). Some fixed-point theorems for a pair of Reich-Suzuki-type nonexpansive mappings in hyperbolic spaces. Topological Algebra and its Applications, 11(1), 20220132.

Book Chapter

- **Sreya Valiya Valappil** and Shaini Pulickakunnel, Some Fixed Point Results in Geodesic Spaces Using Compactness and Measure of Noncompactness, Mathematical Analysis, Narosa Publishing.

Awards and Achievements

- Second Top Scorer in M.Sc. Mathematics
- UGC Junior Research Fellowship in Mathematical Sciences, December 2016.
- UGC-CSIR National Eligibility Test in Mathematical Sciences, June 2016.
- GATE 2016 in Mathematics
- Selected for KSCSTE Research Fellowship 2016

Workshops/Seminars/FDPs

- Instructional School for Teachers-Ordinary Differential Equations and Dynamical Systems at IIT Mandi during 26th June to 8th July 2023.
- Webinar on "Recent Trends in Mathematical Sciences" during 6-7 August 2020, organized by Department of Mathematics, Govt. Arts and Science College, Ratlam(MP), India.
- Annual Foundation School (AFS-I) held at Kerala School of Mathematics (KSoM) during 04-30 December 2017.
- NCM Workshop on "Modern aspects of Function Theory, Operator Theory & Operator Algebras" held at Indian Statistical Institute, Bangalore, during March 05-10, 2018
- 30th Kerala Science Congress held at Govt. Brennen College, Thalassery, during 28-30 January 2018
- Participated in the GIAN Course titled "Matrix-Analytic methods in Queueing Models" during January 15-25, 2018, held at Central University of Kerala.
- Participated in the two-day National Seminar on "Recent Trends in Mathematical Analysis" at Thunchan Memorial Govt. College, Tirur, Kerala.
- Participated in the NBHM-DAE-sponsored Advanced Workshop on Partial Differential Equations and Applications (AWPDE-2019) during 16-30 December 2019 at the Department of Mathematics, Central University of Kerala.
- Participated in the National Seminar and Workshop on Functional Analysis (NWSFA-2019) during 2-6 December 2019 at St. Berchmans College, Changanassery, Kerala
- Participated in the workshop on "Probability Theory and its Applications" organized by Dept. of Mathematics, Central University of Kerala during 12-16 February 2020.
- Participated in the Annual Foundation School (AFS-II) held at Central University of Rajasthan, Ajmer during December 03-29, 2018
- Annual Foundation School (AFS-III) held at Kerala School of Mathematics (KSoM) during 02-28 July 2018.
- Participated in the "International Workshop on Fixed Point Theory and its Applications" held at Department of Mathematics, Jamia Millia Islamia, New Delhi, during March 15-17, 2019.

Work Experience:

- Assistant Professor, SRM Institute of Science and Technology, Delhi-NCR Campus, Ghaziabad from 07.08. 2023
- Guest Lecturer, Department of Mathematics, BPIT, Rohini Delhi from 11.04.2023 to 14.06.2023

- Guest Lecturer, Department of Mathematics, Govt. Brennen College, Thalassery, Kerala during 24.11.2016 - 30.03.2017
- Guest Lecturer, Department of Mathematics, Sir Syed College, Thaliparamba, Kerala during 20.07.2016 - 08.11.2016