

FACULTY PROFILE



Name: Dr. Ritu Sharma

Designation: Assistant Professor (Mathematics)

E-Mail: ritus@srmist.edu.in

Professional Qualification:

- Ph.D. (Mathematics)

Publications (Journals & Conferences):

- Chandra K. Jaggi, Sarla Pareek, Priyanka Verma and Ritu Sharma, “Ordering policy for deteriorating items in a two-warehouse environment with partial backlogging” published in International Journal of Logistic Systems and Management, Vol. 16, No. 1, pp. 16–40.
- Chandra K. Jaggi, Sarla Pareek, Aditi Khanna and Ritu Sharma, “Ordering policy in a two-warehouse environment for deteriorating items with shortages under inflationary conditions” published in International Journal of Strategic Decision Sciences, Vol. 4, No. 2, pp. 27–47.
- K. Bhunia, Chandra K. Jaggi, Anuj Sharma and Ritu Sharma, “A two-warehouse inventory model for deteriorating items under permissible delay in payment with partial backlogging” published in Applied Mathematics and Computation, Vol. 232, pp. 1125-1137.
- Chandra K. Jaggi, Sarla Pareek, Aditi Khanna and Ritu Sharma, “Credit financing in a two-warehouse environment for deteriorating items with price-sensitive demand and fully backlogged shortages” published in Applied Mathematical Modelling, Vol. 38, No. 21-22, pp. 5315-5333.
- Chandra K. Jaggi, Sarla Pareek, Aditi Khanna and Ritu Sharma, “Two-warehouse inventory model for deteriorating items with price-sensitive demand and partially backlogged

shortages under inflationary conditions” published in Journal of Industrial Engineering and Management.

Workshops/Seminars/FDPs

- Participated in “7 Day National Level Online Faculty development program on outcome based education (OBE)” from 10th-17th May, 2023, organized by Nirmala College, Muvattupuzha.
- Attended and presented a paper at “National Conference on Applied Mathematics”, held on 4th - 5th May, 2012 at PIET, Vadodara.
- Attended a National Workshop on “Inventory and Transportation”, held on 15th - 18th March 2012 at Banasthali University, Rajasthan.
- Attended a National Workshop on “Inventory Modeling”, held on 4th - 7th March, 2011 at Banasthali University, Rajasthan.
- Attended a Workshop on “Block Design and its Application”, held on 5th - 7th Feb, 2011 at Banasthali University, Rajasthan.
- Attended a Workshop on “Latex and other Open Source Software”, held on 25th - 27th March, 2010 at Banasthali University, Rajasthan.
- Attended a National workshop on “Mathematical Modeling”, held on 15th - 19th December, 2009 at Banasthali University, Rajasthan.

Work Experience:

- Working as an Assistant Professor in SRM IST, Modinagar, Since Aug 2023.
- Worked as an Assistant Professor in RKGIT, Ghaziabad from Nov. 2022 to July 2023
- Worked as an Assistant Professor in SRM University Ghaziabad from July 2015 to dec. 2015.
- Worked as an Assistant Professor in SRM University Ghaziabad from oct 2012 to May 2013.
- Worked as a Lecturer in Banasthali University Banasthali Jaipur Raj. from July 2011 to May 2012.
- Worked as a Research Associate in Banasthali University Banasthali Jaipur Raj. from Oct. 2010 to June 2011.