

FACULTY PROFILE



1. Name: Dr. Ruchita

2. Designation: Assistant Professor

3. Qualification:

- Ph.D. (Operation), Indian Institute of Technology Delhi, Delhi (2018-2024).
- M.Tech (Electronics and Communication), Indira Gandhi Delhi Technical University for Women, Delhi (2014-2017).
- B.Tech (Electronics and Communication), Rajasthan Institute of Engineering and Technology, Jaipur (2009-2013).

4. Brief Profile:

Dr. Ruchita is an accomplished academician serving as an Assistant Professor at SRM Institute of Science and Technology (SRM IST) since August 2023. With a cumulative 7 years of teaching experience, she has established herself as a dedicated educator and an active researcher in the domains of Operations Management and Supply Chain Management.

Before joining SRM IST, she worked as an Assistant Professor at Patna Sahib College of Engineering and Technology for approximately 4.6 years, during which she made significant contributions to academic development, student mentoring, and department-level activities. Her rich academic background and passion for applied research have been instrumental in shaping her teaching philosophy and research interests.

She has a Scopus h-index of 4, reflecting her impactful scholarly contributions. She has published research papers in several high-listed journals, including those indexed in Scopus, SCI (Q1–Q4), and ABDC categories. Her work spans core areas of supply chain optimization, operations strategy, and contemporary management practices.

In addition to her academic publications, she is also an active reviewer for reputed international journals such as Scopus-indexed journals, Emerald Publishing, IEEE, Springer, and other distinguished publishers. Her involvement in peer-review activities highlights her expertise and commitment to contributing to the global research community.

5. Academic Research:

Publications:

- Ruchita, & Shankar, R., “An integrated approach for modelling barriers of EVsCI”, International Journal of Systems Assurance Engineering and Management (2024),10.1007/s13198-024-02623-1.
- Ruchita, & Shankar, R., “The SAP-LAP and IRP Approaches for Formation of Policy Framework of Electric Vehicles and its Charging Infrastructure in India”, International Journal of Energy Sector Management (2024), 10.1108/IJESM-03-2024-0025.
- Ruchita, “Identification of potential barriers of EVsCI using EFA” International Journal of Systems Assurance Engineering and Management (2023). <https://doi.org/10.1007/s13198-021-01587-w>.

Conferences:

- Ruchita., “SWOT Analysis of Distribution System in India: A Transition from Passive to Active”, Second International Conference on Smart Technologies for Power and Renewable Energy. (SPECon- 2024).10.1109/SPECon61254.2024.10537588.
- Pandey,W.H., Mandal, K.R., Ruchita, Kumar,R., “Potential Impact of Electric Vehicles on Indian Duck Curve”, International Conference on Emerging Frontiers in Electrical and Electronic Technologies (ICEFEET- 2023). 10.1109/ICEFEET59656.2023.10452223.

5. Workshops/Seminars/FDPs

- Faculty Development Programme on "Data Visualization for Business and Research" (Two-week, Electronics & ICT Academy, MNIT Jaipur: May 26 – June 7, 2025).
- Faculty Development Programme on "Technology-enabled Teaching, Learning & Process for Institutes" (Two-week, jointly by IIT Guwahati, NIT Patna, MNIT Jaipur, and IIITDM Jabalpur: February 3 – 14, 2025).
- FDP on Emerging Trends and Commercialization of Intellectual Property Rights (ETCIPR 2024) (One-week, NIT Patna: January 8–12, 2024).
- NEP Orientation and Sensitization Programme (Two-week, Malaviya Mission Teaching Training Center at IITDM Kancheepuram: November 20–30, 2023).

6. Awards and Achievements

- College topper in B.Tech with **HONOURS** Degree.
- College topper in M.Tech with **DISTINCTION** Degree.