



Mrs. Rachna Sharma

Designation: Assistant Professor

E_mail: rachnas1@srmist.edu.in

Professional Qualification:

- **Pursuing Ph.D (computer Science)** from SRM Institute of Science and Technology, Modinagar, Ghaziabad 201204.
- **MCA (Master of Computer Applications)** from SRM Institute of Science and Technology, Modinagar, Ghaziabad in 2012.
- **BCA (Bachelor of Computer Applications)** from Dr. K.N.Modi Institute of Engineering and Technology, Modinagar, Ghaziabad in 2009.

Publications (Journals & Conferences):

- **Rachna Sharma and others** “AI Techniques for Malware Detection in Drone Communication and Security” (Published in Scopus June 2025)- International Journal of Environmental Sciences.
- **Rachna Sharma and others** “Adaptive AI Systems for Financial Fraud Detection and Risk Management” Published by IGI Global Scientific Publishing; 2025.

Patent Invention:

Title: “**Digital Tooth Brush**”

Design No. – 6465116

Grant Date- 21 August 2025

Sponsoring agency- Intellectual property office

Awards and Achievements:

- **First Topper** of SRM University in 2012, NCR Campus, Modinagar.
- One of the **Top Five Candidates** of the Whole SRM University.
- One of the **Top Three Candidates** in BCA of our college.

Workshops/Seminars/FDPs:

- Attended FDP on the theme of **“Inculcating Universal Human Values in Technical Education”** organized by All India Council for Technical Education (AICTE) at SRM Institute of Management and Technology, Ghaziabad from **5th May to 9th May 2026**.
- Attended FDP on the theme of **“Agentic AI, Cyber Security and Quantum Computing”** organized by Department of CSE and Centre of Excellence for Advance Computing at SRM Institute of Management and Technology, Ghaziabad from **24th April to 30th April 2026**.
- Attended FDP on the theme of **“Advance Pedagogy for Effective Teaching, Learning and Assessment”** conducted by EICTA Consortium IIT Kanpur from **23rd March to 03rd April 2026**.
- Attended FDP on the theme of **“Inculcating Universal Human Values in Technical Education”** organized by All India Council for Technical Education (AICTE) at SRM Institute of Management and Technology, Ghaziabad from **10th March to 12th March 2025**.
- Attended FDP on the theme of **“Mastering Cloud Computing Essentials with AWS”** Conducted by the Computer Science and Engineering Department from **03/03/2025 to 07/03/2025** (One Week) at SRM Institute of Science and Technology, Modinagar, UP.
- Attended FDP on **“Data Science using Python”** conducted by the Computer Science and Engineering Department from **25/11/2024 to 29/11/2024** (One Week) at NITTTR, Chandigarh.
- Attended FDP on **“Significance on Emerging Technologies and intellectual property rights”** organized by Mangalmay Institute of management and technology Gr. noida from **16 December 2024 to 20 December 2024**.
- Attended FDP on **“Data Science using Python”** conducted by the Computer Science and Engineering Department from **25/11/2024 to 29/11/2024** (One Week) at NITTTR, Chandigarh.
- Attended FDP on **"Microsoft Power BI Data analyst Associate"** conducted by ICT Academy from **9 Jan 2023 to 13 Jan 2023**.
- Attended 9th International Conference on **Human Values in Higher Education (ICHVHE 2024) Value-based Education for Humane Society (including SDGs)** Online, from **22nd November 2024 to 24th November, 2024**.
- Attended FDP on **“Cyber security under Microsoft cybershiksha for educator program”** organized by Microsoft's- ICT Academy from **26 Sept 2022 to 08 Oct 2022**.

Work Experience:

- Working as Assistant Professor in **”SRM UNIVERSITY, NCR Campus, Modinagar, Ghaziabad”** from **06 Sept 2023 to till now** and also working on online Platform **“ Vrddhi Academy”**.
- Worked as Assistant Professor in **”R D Engineering College, Duhai, Ghaziabad”** from **09 April 2023 to 31 August 2023**.

- Worked as Assistant Professor in “**Dr. K. N.Modi Institute of Engineering and Technology, Modinagar**” from **01 April2022 to 02 June 2023**.
- Worked as “**Project Coordinator**” in **Learning Closet Pvt. Ltd. (Exampur), Branch Modinagar , Delhi** from **Oct 2017 to March 2022**.
- Worked as “**Academic Coordinator**” in **SRM UNIVERSITY, NCR CAMPUS, MODINAGAR** from **Oct 2014 to March 2015**.
- Worked as “**IT TRAINER**” (under the scheme of NVEQF, CBSE) in **Modern Academy, Sikri Kalan, Modinagar** from **Oct 2013 to Mar 2014** appointed from the **CBSE Board for Six month** contract and Salary also drawn from CBSE Board, Preet Vihar, New Delhi.
- Worked as Lecturer in “**Unique Institute of Management and Technology, Muradnagar**” from **13th August, 2012 to Sept, 2013**.

Professional Memberships:

THE INDIAN SOCIETY FOR TECHNICAL EDUCATION

Membership ID - LM 140622 Year- 2024.