

FACULTY PROFILE

Name: Dr. Promila Sharma

Designation: Assistant Professor

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ID : 613038



Professional Qualification:

- Ph. D. in “Design an efficient algorithm to access data patterns for indian tourism industry” from Mewar University, Chittorgarh, Rajasthan, INDIA passed in 2025.
- MCA (Masters in Computer Applications) from IGNOU , New Delhi , passed in 2005.
- BCA (Bachelor in Computer Applications) from IGNOU, New Delhi, passed in Dec 2003.
- DOEACC (Department of Electronics Accreditation of Computer Courses) ‘A’ Level two year course from New Delhi passed in 2003.
- 3 Yrs. Diploma in Electronics and Electrical Communication Engineering from Women’s Polytechnic, Maharani Bagh, New Delhi, under board of Technical Education, New Delhi. INDIA. Year 1984-1987.
- Qualified UGC Net Exam for Assistant Professor held in December 2023. (Subject Computer Science , Roll No DL01011191)

Publications (Journals & Conferences):

- Promila Sharma and Girish Kumar Sharma, “**A study on Data Mining Algorithms For Tourism Industry**”, *International Journal of Latest Trends in Engineering and Technology (IJLTET)*, Vol 7 issue 1 (May 2016), ISSN: 2278-621X.
- Promila Sharma, Uma Meena, and Girish Kumar Sharma, “**Application of Data Mining Algorithms for Tourism Industry**”, *6th International Conference of Intelligent Computing and Applications proceedings ICICA 2019, Springer, Advances in Intelligent Systems and Computing*, pp. 481-495, *book_paper_Springer_Promila_ICICA 2019.pdf*. (September 2021)
- Uma Meena and Promila Sharma, “**Secret Dynamic Key Authentication and Decision Trust Secure Routing Framework for Internet of Things Based WSN**”, *Wireless Personal Communications, Springer Link*, <https://link.springer.com/article/10.1007/s11277-022-09632-y>, Feb 21 (2022).

- Promila Sharma, Uma Meena and Girish Kumar Sharma, **“Intelligent Data Analysis using Optimized Support Vector Machine Based Data Mining Approach for Tourism Industry”**, *ACM Transactions on Knowledge Discovery from Data*, Vol. 16, No. 5, Article 94, TKDD1605-94 ACMJATS. Publication date: January 2022.
- Uma Meena and Promila Sharma, **“An improved blockchain based encryption scheme for secure routing in wireless sensor network using machine learning technique”**, *Trans Emerging Tel Tech.* 2022; e4713. [wileyonlinelibrary.com/journal/ett](https://doi.org/10.1002/ett.4713) © 2022 John Wiley & Sons, Ltd., <https://doi.org/10.1002/ett.4713>
- Promila Sharma and Gauri Sharma, **“A Review on Big Data Analysis for Travel and Tourism Industry”**, *6th International Conference (IC-EEITEM-2023) organized by Jagran Institute of Management with Synergy University and First SIIC, IIT Kanpur on 2nd December 2023.*
- Uma Meena and Promila Sharma, **“Deep Learning Based Secure Routing in WSN Using Hyper Ledger Fabric Block Chain Model”**, *Concurrency and Computation: Practice and Experience*, July 2025; 37:e70173 © 2022 John Wiley & Sons, Ltd., <https://doi.org/10.1002/cpe.70173>

Awards and Achievements:

- NA

Conferences/Workshops/Seminars/FDPs:

- Participated and Completed the 5-days Face-to-Face FDP on the Universal Human Values , UHV-II organized by All India Council for Technical Education (AICTE) and NCCIP at SRM Institute of Management and Technology, Ghaziabad from 05 May 2026 to 09 May 2026.
- Participated and Completed the 5-days FDP on the theme “Agentic AI, Cyber Security and Quantum Computing”, In collaboration of Edunet and IBM SkillsBuilt, organized by Department of Computer Science and Engineering and center of Excellence at SRMIST, Delhi NCR campus Ghaziabad from 24 April 2026 to 30 April 2026.
- Participated and Completed the One Week national FDP on the theme “Next-Gen Cybersecurity & Ethical Hacking” conducted by the Department of Cyber Security of SRM Institute of Science and Technology, Ramapuram from 16th March 2026 to 21st March 2026.
- Participated and Completed the 3-day Face-to-Face FDP on the theme “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.
- Participated in the AICTE Recognized Faculty Development Program on Mastering Cloud Computing Essentials with AWS Conducted by Computer Science and Engineering Department, NITTR, Chandigarh from 03/03/2025 to 07/03/2025 (One Week).

- Participated & Completed AICTE Training And Learning (ATAL) Academy Faculty Development Program on Integrating Generative AI, Cloud, and Ethical Frameworks for Academia and Research Innovation at Jagannath International Management School from 16/12/2024 to 21/12/2024.
- Attended workshop on “Applications of Analytical Tools and Ethics in Academic Research” held on 27-28 Feb’2019 at Srm Institute Of Technology , Delhi NCR Campus , Ghaziabad.
- Attended and Presented my Research Paper in the 5th International Conference on “Intelligent Computing and Applications (ICICA-19)” , Springer, held during 6-8th Dec, 2019 Organized by Department Of Computer Science and Engineering , Srm Institute Of Technology , Delhi NCR Campus , Ghaziabad.
- Attended workshop on “Research Writing and Software Assisted Data Analysis” held on 28 Feb’2020 at Srm Institute Of Technology , Delhi NCR Campus , Ghaziabad.
- Participated In Online Webinar on “Trends In Software Testing” Organized By Easwari Engineering College, Chennai in May 2020.
- Participated In Online Webinar on “Relevance Of AI In Covid 19” Organized By Raj Kumar Goel Institute Of Technology , Ghaziabad in June 2020.
- Participated In Online Webinar on “Cryptography and Current Trends in Security Of Pervasive Applications” Organized By Adikavi Nannaya University, Andhra Pradesh in June 2020.

NPTEL Certifications

- Online Certification Course in “Cloud Computing” successfully completed (April 2019) from NPTEL (National Program On Technology Enhanced Learning) , A project funded by MHRD , Govt. Of India .
- Online Certification Course in “Introduction To Machine Learning (IITKGP)” successfully completed (Sep 2019) from NPTEL (National Program On Technology Enhanced Learning).
- Online Certification Course in “Introduction To Internet Of Things” successfully completed (Nov 2019) from NPTEL (National Program On Technology Enhanced Learning).
- Online Certification Course in “Python For Data Science” successfully completed (Nov 2019) from NPTEL (National Program On Technology Enhanced Learning).

Work Experience: 22 Years of experience in Teaching. 12 years of experience in Electronics Industry.

- Joined SRMIST, Modinagar as Assistant Professor in MCA Department on 10 september 2024.
- Has Worked with SPD, IGNOU study center, Shalimar bagh , New Delhi as IGNOU Lecturer (Computer Science) taught to BCA / PGDCA / MCA students. Earlier had worked with IP/DSEU university institutes as Guest Lecturer and DU College ANDC as Part timer in UG / PG Computer science.

- 12 years of experience in RF (Radio Frequency), Transmission, Telecommunication & CATV (Cable Antenna TV) fields in various departments like Quality Assurance, production and Maintenance with M/s MCE Products' Sales Service Ltd., Sahibabad, U.P.

Professional Memberships:

- NA