

FACULTY PROFILE

Name: Mrs Promila Sharma

Designation: Assistant Professor

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ID : 613038



Professional Qualification:

- Ph.D.
 - Status: Pursuing PhD (Com. Sc.) from Mewar University, Rajasthan. Thesis Submission done.
- 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.*

Awards and Achievements:

- NA

Conferences/Workshops/Seminars/FDPs:

- 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: 20+ Years of experience in Teaching. 12 years of experience in Electronics Industry.

- Joined SRMIST, Modinagar as Assistant Professor in MCA Department since sep 2024.
- 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