



Sangeeta Kumari

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Profile

Ms. Sangeeta Kumari stands as a dedicated academician in the field of Computer Science and Engineering, with a professional career focused on teaching, academic coordination, student mentoring, project guidance, and research in emerging areas of technology. As an Assistant Professor at The ICFAI University, Jaipur, Ms. Sangeeta Kumari is committed to delivering quality education and fostering an effective learning environment that encourages conceptual understanding, practical application, and continuous learning. Her academic engagement reflects a balanced combination of teaching expertise, technical knowledge, and an interest in contemporary technological developments.

Ms. Sangeeta Kumari's academic foundation is strong and well established. She holds a Master of Technology (M.Tech.) degree from Kurukshetra University, awarded in 2015. Her academic qualifications are further strengthened by UGC NET (Ph.D. Only), awarded by the University Grants Commission in 2024, HTET (PGT), awarded by the Board of School Education, Haryana in 2021, and CTET (TGT), awarded by the Central Board of Secondary Education in 2021. This strong academic background has provided a sound foundation for her continued engagement in higher education and research.

Since April 2024, Ms. Sangeeta Kumari has been serving as an Assistant Professor at The ICFAI University, Jaipur, Rajasthan. Her academic responsibilities include curriculum delivery, student mentoring, project guidance, course coordination, and participation in Internship Programme activities. She has undertaken courses across several core areas of Computer Science, including Database Management Systems, Python, Computer Programming, Software Engineering, Multimedia Systems, and Operating Systems. Her teaching approach focuses on strengthening fundamental concepts while enabling students to develop programming skills, analytical abilities, and problem-solving capabilities.

The core of Ms. Sangeeta Kumari's academic interests lies in the application of emerging computational technologies to contemporary and socially relevant problems. Her areas of interest include Artificial Intelligence, Genetic Algorithms, intelligent computational approaches, and AI-based behavioural analysis. Her research orientation reflects an interest in understanding how computational techniques can be applied to address complex problems while exploring the broader implications of emerging technologies.

A significant area of her research interest is the application of Artificial Intelligence to human behavioural analysis. Ms. Sangeeta Kumari presented the research work titled "Artificial Intelligence in Suicidal Behavior Detection: Algorithms and Insights into Behavioral

Patterns” at the International Conference on Futuristic Aspects in Science & Engineering (ICFAiSE-2025), held on 6 and 7 February 2025 at the Department of Computer Science, The ICFAI University, Jaipur. The work explores the potential of AI-driven approaches for identifying behavioural patterns and demonstrates the application of computational techniques to a socially significant domain.

Her scholarly contributions also encompass Genetic Algorithms, Cybersecurity, and Artificial Intelligence. The publication “Adaptation in Genetic Algorithm” has been published in the *International Journal of Extensive Research* and the *Journal of Environmental Science, Computer Science and Engineering & Technology (JECET)*. Her research contributions in cybersecurity and Artificial Intelligence further include “Recent Advances in Cybersecurity: Technologies, Threats, and Countermeasures” and “Artificial Intelligence: Recent Advances, Challenges, and Future Directions”, published in the *International Journal of Engineering Technology and Computer Research (IJETCR)*. These works reflect her continued engagement with rapidly evolving areas of computing and the technological challenges associated with their development and adoption.

Further extending her scholarly contribution, Ms. Sangeeta Kumari has authored the book chapter “BRICK TECH: A Predictive Model for Real Estate,” published in *AI for a Smarter Tomorrow: Innovation Across Sectors* by Xoffencer International Book Publication House. The chapter reflects the application-oriented dimension of her academic interests, particularly the use of predictive and Artificial Intelligence-based approaches for practical applications.

Beyond teaching and research, Ms. Sangeeta Kumari is actively involved in academic and student-development activities. Her responsibilities include serving as a Course Coordinator, contributing to Internship Programme activities, mentoring B.Tech. students, and providing project guidance to B.Tech. and BCA students. Through these responsibilities, she contributes to academic planning, student progression, project development, and the overall enhancement of students’ technical and professional competencies.

With a strong foundation in Computer Science and Engineering and an academic interest in Artificial Intelligence and related emerging technologies, Ms. Sangeeta Kumari continues to engage in teaching, research, mentoring, and academic coordination. Her broader academic focus is directed towards strengthening Computer Science education, encouraging application-oriented learning, and exploring the potential of emerging computational technologies to address contemporary technological and societal challenges.