



Krishna Kumar Sharma

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Profile

Mr. Krishna Kumar Sharma stands as a dedicated academician in the field of Computer Science and Engineering, with a professional career focused on teaching, cyber security research, academic event coordination, student mentoring, and continuous engagement with emerging areas of technology. As an Assistant Professor at The ICFAI University, Jaipur, Mr. Krishna Kumar Sharma is committed to delivering quality education and fostering a security-conscious, practically-oriented learning environment for his students. His academic engagement reflects a balanced combination of industry experience, technical depth, and an active interest in cyber security, artificial intelligence, and cloud computing.

Mr. Krishna Kumar Sharma's academic foundation is strong and well established. He holds a Master of Technology (M.Tech.) degree in Cyber Security from the Sardar Patel University of Police, Security & Criminal Justice (SPUP), Jodhpur. His academic qualifications are further strengthened by a Bachelor of Technology (B.Tech.) degree in Information Technology from Suresh Gyan Vihar University (SGVU), Jaipur, completed in 2013. Since 11 July 2023, Mr. Krishna Kumar Sharma has been serving as an Assistant Professor at The ICFAI University, Jaipur, Rajasthan.

The core of Mr. Krishna Kumar Sharma's academic interests lies in the application of security and computational technologies to real-world systems and contemporary technological challenges. His areas of interest include Vulnerability Assessment and Penetration Testing (VAPT), Malware Analysis, Intellectual Property Rights (IPR) and the IT Act, Cloud Computing, and Cryptography, alongside a growing research engagement with Artificial Intelligence, Machine Learning, and the Internet of Things. His research orientation reflects an interest in understanding how security-first computational techniques can be applied to protect modern digital infrastructure while exploring the broader implications of emerging technologies.

A significant area of his research interest is the design of continuous and adaptive security frameworks for cloud environments. Mr. Krishna Kumar Sharma authored “A Framework for Continuous Authentication in Secure Cloud Access Systems,” published in the International Journal of Innovative Computer Science & Engineering (IJICSE), which explores behavioral biometrics and Zero Trust principles for real-time identity verification in cloud systems. He also co-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. This work explores the potential of AI-driven approaches for identifying behavioural patterns and demonstrates the application of computational techniques to a socially significant domain.

His scholarly contributions also encompass Cybersecurity, Artificial Intelligence, and Intelligent Systems more broadly. His research includes “Recent Advances in Cybersecurity: Technologies, Threats, and Countermeasures” and “Artificial Intelligence: Recent Advances, Challenges, and Future Directions,” both published in the International Journal of Engineering Technology and Computer Research (IJETCR). He has further contributed “Machine Learning and IoT Integration for Intelligent and Autonomous System Operations,” which examines the cooperative interplay between machine learning and IoT across healthcare, transportation, and industrial automation, and an earlier IEEE conference publication, “A Statistical Machine Learning Approach to Optimize Workload in Cloud Data Center.” These works reflect his continued engagement with rapidly evolving areas of computing and the security challenges associated with their development and adoption.

Beyond teaching and research, Mr. Krishna Kumar Sharma is actively involved in academic event coordination and student-development activities at IcfaiTech, The ICFAI University, Jaipur. He has served as Convener/Faculty Coordinator for several student-facing workshops and seminars, including a Two-Day Workshop on “Cyber Security” (20–21 February 2024) covering phishing, DDoS, and penetration testing fundamentals; a Two-Day Workshop on “Data Science and Python” (14–15 November 2024) covering object-oriented programming, data structures, and data visualization; a One-Day Workshop on Cyber Security (26–27 October 2023) focused on cyber threat awareness and phishing recognition; and a Seminar on “Cyber Crime Awareness” (26 April 2024), delivered in association with CDTI, Jaipur, with Dr. Amandeep Kapoor, IPS, Director, as a keynote speaker. Through these responsibilities, he contributes to skill enhancement, practical exposure, and the overall strengthening of students' cyber security awareness and professional competencies.

Mr. Krishna Kumar Sharma continues to engage in teaching, research, event coordination, and public outreach. His broader academic focus is directed towards strengthening cyber security education, encouraging application-oriented and industry-relevant learning, and exploring the potential of emerging computational technologies to address contemporary technological and societal challenges.

