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Profile

Anubhav Saxena is an Assistant Professor in the Department of Computer Science & Engineering at ICFAITECH, ICFAI University, Jaipur. He has over 13 years of teaching experience in AICTE-approved engineering institutions. His main areas of work are information security, quantum computing, and quantum cryptography.

He holds a B.E. in Computer Science & Engineering from the University of Rajasthan, Jaipur, and an M.Tech. in Mobile Computing from the Central University of Jharkhand. He is currently pursuing a Ph.D. at Manipal University Jaipur in Post-Quantum Cryptography.

His research covers quantum algorithms, cryptographic security, and quantum-resistant systems. His paper on Shor's algorithm using IBM Qiskit appeared in the Proceedings of ICTIS 2025 (Springer). Related papers on the Quantum Fourier Transform and on quantum versus classical integer factorization have been accepted in the Springer Communications in Computer and Information Science series and Lecture Notes in Networks and Systems. A survey on quantum and post-quantum cryptography has been published in Discover AI (Springer Nature), and a paper on security for Ethereum smart contracts in the Journal of Information and Optimization Sciences is in press.

He has completed more than 30 faculty development and training programmes with bodies such as NITTTR, the E&ICT Academy at MNIT Jaipur, IIT Bombay Spoken Tutorial, and IBM, and has given expert talks on quantum computing at ICFAI University and VGU, Jaipur, and conducted a three-day hands-on quantum computing lab for students at Manipal University Jaipur. He has also coordinated a Software Development Cell and served as ERP Manager, building a web-based grievance-redressal system on the MEAN stack during his previous employment.