

ANUJ S.S MISHRA

PH.D. SCHOLAR – INFORMATION TECHNOLOGY & SYSTEMS

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RESEARCH INTERESTS

- Blockchain Systems
- Cybersecurity
- Cyber Risk Management
- DLT in Telecommunications
- Payment Systems
- Metaverse
- Web 3.0
- Central Bank Digital Currencies (CBDCs)

PEER-REVIEWED CONFERENCE PAPERS

- 2025 – *Cyber Risk Challenges in UPI and CBDC*, AMCIS 2025, Montreal, Canada, 14–16 Aug 2025 (Accepted)
- 2025 – *The Digital Rupee Dilemma: A Risky Affair or a Secure Bet?*, 11th MDC, IIT Kharagpur, India, 30–31 Jan 2025 (Presented)
- 2024 – *Evolution from Traditional Currency to Digital Transactions: Delving into CBDC Acceptance*, INDAM 2024 Doctoral Colloquium, IIM Shillong, India, 9–11 Jul 2024 (Presented)
- 2023 – *Redefining Currency through CBDC Adoption: A Text Mining Exploration*, POMS India International Conference, XLRI Jamshedpur, India, 4–6 Dec 2023 (Presented)
- 2021 – *Study on Blockchain-Based Healthcare Insurance Claim System*, ASIANCON 2021, Pune, India, 27–29 Aug 2021 (Presented)

NEWS ARTICLES PUBLISHED

- 2025 – *India's Digital Rupee: A blockchain based Decentralized Payment System*, ETGovernment, 10 Jun 2025
- 2023 – *Blockchain and IoT: Can the duo be the solution to ATM security?*, Express Computer, 13 Jun 2023

EDUCATION

Indian Institute of Management Lucknow

Ph.D., *Information Technology & Systems* (Jun 2022 – Present)

- Thesis Proposal- Cyber Risk Management in Blockchain Systems: Strategic Risk Models and Organizational Security Benefits
- Dissertation- Strategic Benefits of Using Blockchain Technology in Organizations
- Committee- Prof. Arunabha Mukhopadhyay, Prof. Ashwini Kumar, Prof. Rajesh Aithal

AP Shah Institute of Technology, Thane (*University of Mumbai*)

B.E., *Computer Engineering* (Aug 2018 – May 2022)

- First Division, 79.43%

CERTIFICATIONS

- Certified Blockchain Expert — Blockchain Council
- Certified Blockchain Developer — Blockchain Council
- Dell EMC Academic Associate — Data Science and Big Data Analytics
- Google Certified — *The Bits and Bytes of Computer Networking*

ACADEMIC ACHIEVEMENTS

Academic Exams

- Awarded Grade A in the NTA Talent Search Examination (2012)
- All India Rank 464 — International Informatics Olympiad (2011)
- International Rank 980 — International Science Olympiad (2014)

Competitive Exams

- Secured 97.4 percentile in GATE (2022) out of 77,257 students; 100% in General Aptitude
- All India Rank 32 — JEST CS (2022) out of ~1000 students; Interview call from Indian Institute of Science (IISc), Bengaluru

ACADEMIC PROJECTS

- E-Waste Management System using Blockchain (2022)
 - Developed using Solidity to track the entire supply chain of an electronic item from manufacture to disposal
 - Designed an incentive mechanism for consumers to dispose of electronics responsibly
- Heads-Up Display (2020)
 - Created a system usage and weather update interface using OpenCV in Python
- Cryptography – AES Algorithm (2019)
 - Awarded *Best Project* by Aedifico for implementing AES (Advanced Encryption Standard) from scratch in C
- Scramble Word Game (2014)
 - Developed a word game where the user has to unscramble a given jumbled word

ADDITIONAL INFORMATION

Memberships: Association of Information Systems (AIS), Institute of Electrical and Electronics Engineers (IEEE)

Languages: English, Hindi

Sports Achievements: State-level Basketball Player

- Represented Bhagalpur zone at the State level in Bihar (2014)
- Represented the Mumbai zone at the State level in Maharashtra (2016)