

Aditya Dutta

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Professional Summary

Assistant Professor in the Department of Computer Science and Engineering at Swami Vivekananda University, with specialization in Cybersecurity and Digital Forensics. Actively engaged in undergraduate teaching, academic mentoring, and curriculum development. Focused on bridging theoretical foundations with practical applications while contributing to research in emerging areas of cybersecurity.

Teaching Experience

Assistant Professor

Swami Vivekananda University

Dec 2025 – Present

Courses Taught:

- Malware Analysis and Reverse Engineering
- IT Audit
- Cloud Security
- Intrusion Detection and Prevention Systems
- Digital Forensics
- Cryptography and Network Security
- Computer Networks
- Basics of Web Development

Responsibilities:

- Delivering lectures integrating theory with practical cybersecurity applications.
- Conducting laboratory sessions on security tools and techniques.
- Mentoring students in projects, research, and competitions.
- Designing assessments aligned with Outcome-Based Education (OBE).
- Promoting ethical hacking awareness and secure system design.

Education

M.Tech in Cyber Security

Sardar Patel University of Police, Security and Criminal Justice
CGPA: 7.90/10

2023–2025

B.Tech in Information Technology

MAKAUT
CGPA: 9.12/10

2019–2023

Technical Skills

Languages: Python, C, C++, SQL, Bash

Tools: Wireshark, Nmap, Burp Suite, Metasploit, Autopsy, FTK Imager

Platforms: Kali Linux, Parrot OS, Windows

Certifications

- Junior GRC Analyst
- ISO 27001:2022 Lead Auditor
- AICTE ATAL FDP on Cyber Security and Digital Forensics
- Digital Forensics and Cyber Crime Prevention Training

Publications

- **“Hybrid Multi-Factor and Behavioral Biometric Authentication for Enhanced Cloud Security”**,
5th International Conference on SMART SYSTEMS: INNOVATIONS IN COMPUTING (SSIC-2025)

Achievements

- UGC NET June 2026 qualified for PhD
- 27th Codility Silver Award (2021)
- Hackathon Participation - HACKWEBERS

Academic Contributions

- Developed cybersecurity lab tools including packet sniffer and encryption utilities.
- Guided students in cybersecurity-based academic and practical projects.