

# Pankaj Choudhary

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**Designation:** Assistant Professor, Department of Computer Science & IT  
Central University of Jammu, Rahya-Suchani (Bagla), Samba,  
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## **Educational Qualification:**

**M.Tech.:** Cyber Security, Sardar Patel University of Police, Jodhpur, Rajasthan.

**B.Tech. :** Computer Sci. & Engg. , Rajasthan Technical University, Rajasthan

**Additional Qualifications:** UGC NET (2023)

FACT PLUS (Digital Forensics) (2024)

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**Areas of Interest/Specilization:** Digital Forensics, Drone Technology, Cyber Security,  
Cryptography, Information Security

## **Publications:**

### **Journal Papers**

1. Sihag, Vikas, Gaurav Choudhary, **Pankaj Choudhary**, and Nicola Dragoni. "Cyber4drone: A systematic review of cyber security and forensics in next-generation drones." *Drones* 7, no. 7 (2023): 430.

### **Book Chapters**

1. **Choudhary,P.** (2024). Radio Frequency based drone detection and identification, Challenges and opportunities. In P.Singh, Wireless Ad-hoc and Sensor Networks Architecture, Protocols, and Applications (pp. 68-86). CRC Press Taylor and Francis. <https://doi.org/10.1201/9781003528982>

### **Experience:**

1. Assistant Professor, Central University of Rajasthan, Ajmer, Raj. (Oct 24 - March 25)

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**Pankaj Choudhary**

**Subjects Taught:**

1. Applied Cryptography
2. Cryptography and Network Security
3. Information Security and Privacy
4. Security Engineering
5. Cyber Law and IPRs
6. Digital Forensics
7. Topics in Cyber Security
8. Computer Fundamentals
9. Operating Systems

**Projects:**

1. DrIfTeR: A Drone Identification Technique using RF signals

**Expert Talks/ Invited Lectures:**

1. Understanding Network Forensics, DOS attacks and Web Defacement attacks. Rajasthan Police Training Centre, Rajasthan. 15/03/2025
2. The Synergy of Cybersecurity & AI: A Game Changer for Digital Safety. IPS Academy, Institute of Business Management and Research, Sanwer, Indore. 12/03/2025
3. Digital Forensics and different phases of digital forensics, IPAAD Standard Operating Procedure for digital forensic process in Indian context. Rajasthan Police Training Centre, Rajasthan. 18/01/2025
4. CCTV Forensics including SOP and enhancement of CCTV. Rajasthan Police Training Centre, Rajasthan. 30/11/2024
5. Digital Forensics and different phases of digital forensics, IPAAD Standard Operating Procedure for digital forensic process in Indian context. Rajasthan Police Training Centre, Rajasthan. 16/11/2024
6. Cloud Forensics to include cloud artifacts and Legal Aspects. Rajasthan Police Training Centre, Rajasthan. 26/10/2024
7. Cybercrime Awareness including Legal and Jurisdiction Issues in relation to Digital Forensics. Rajasthan Police Training Centre, Rajasthan. 19/10/2024
8. Delivered various expert talks as part of training courses on “Cyber Forensic Analysis of Digital Evidence: A hands-on approach”. Rajasthan Police Training Centre, Rajasthan. Aug 24 - Oct 24
9. AI and Cyber Security. Rajasthan Police Training Centre, Rajasthan. 14/06/2024
10. Cyber Crime Investigations (Digital Forensics, Introduction & Types, Successful Case Studies). Rajasthan Police Training Centre, Rajasthan. 12/03/2024

**Awards:**

1. Conferred as Best Forensic Expert (Cyber Division) by Applied Forensic Research Sciences, Madhya Pradesh. 15/09/24

**Workshops/Conferences:**

1. CyberSecML: Exploring the fusion of Security and Machine Learning. IIIT Kottayam, Rashtriya Raksha University, GUJ. 8-12 July 2024
2. International Conference on Artificial Intelligence in Cyber Security. Centre for Cyber Security Studies and Research. 11 May 2024
3. National Level Symposium on Security Awareness. Sardar Patel University of Police Security and Criminal Justice, Raj. 12-13 March 2024
4. Magnet Virtual Submit. Magnet Forensics. 01 March 2024
5. Digital Forensics Bootcamp. Centre for Cyber Security Studies and Research.
6. Webinar on IEEE Xplore. Sardar Patel University of Police Security and Criminal Justice, Raj. 10.8.2022

**Orientation/Internship/Refresher Courses attended:**

1. International FDP on The Emerging Technology Trends: Shaping the Future of Forensics. Ministry of Home Affairs, Gov. of India, National Forensics Science University Delhi & International Association of Forensic Sciences. 1-5 Aug 2024
2. FDP on Innovative Strategies for Creative Classroom Teaching. Vellore Institute of Technology, Chennai. 19-23 Feb 2024
3. Short Term Training Program on Artificial Intelligence for Cyber Security. Ministry of Home Affairs, Gov. of India, National Forensics Science University, Gandhinagar, Gujarat. 14-18 March 2024
4. Digital Forensics Essentials. EC Council. 5 Nov 2022
5. Internship, RRSC-West, ISRO, Department of Space, National Remote Sensing Centre, ISRO. 1 June 2018 - 31 July 2018

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