

Arjun Choudhary, PH.D.

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SUMMARY

An avid learner in the filed of Security and Privacy. Been in academia for more than a decade with experience of Industry and Banking as well. Currently having several positions in SPUP, Jodhpur which includes Network and IT Admin, NCC ANO, AISHE Coordinator, AICTE Coordinator, IIC President and the list goes on.

WORK EXPERIENCE

Assistant Professor, Dept. of Cyber Security, SPUP, Jodhpur Jan 2014 - present

Instrumental in crafting the Post Graduate Program M.Tech. in Cyber Security an industry ready along with initiated two more programs namely Diploma and Certificate Program in Cyber Security. Instrumental in organizing several training programs in Academia and Industry for more than a decade. Currently visitng facutly at several institutes including North East Police Academy, Shillong; Rajasthan Police Academy, Jaipur; BSF, Jodhpur; RPTC, Jodhpur

Assistant Manager (Systems), State Bank of India June 2012 - Jan 2014

- Instrumental in implementing AD security across five states branches.
- Responsible for maintaining and securing the servers related Management Information Systems, which in turn provided support to Audit department and was instrumental in collecting large heads datasets from more than 2500 branches across five states.

EDUCATION

2018 - 2022	PhD (Computer Science & Engineering) at MBM University	
2010 - 2012	M.Tech.(CSE) at MNNIT, Allahabad	(CGPA: 9.37/10.00)
2005 - 2009	B.Tech. (Comm. & Comp. Engg.) at The LNMIIT, Jaipur	(CGPA: 7.11/10.00)
2003	Class 12th RBSE, Ajmer	(78%)
2001	Class 10th RBSE, Ajmer	(84.17%)

PUBLICATIONS

Nigam, R. et al. (2014). “Non-dominated sorting environmental adaptation method (NS-EAM)”. In: *International Conference on Signal Processing and Integrated Networks (SPIN), 2014*. IEEE, pp. 595–600.

Choudhary, Arjun and Vijay Singh (2016). “Technological Innovation using Big Data in Business Landscape”. In: *National Conference on Emerging Practices in Management NCEPM-2016*. ISBN 978-93-5254-248-2, pp. 427–431.

Bhatia, Gaurav et al. (2017). “The road to docker: a survey”. In: *International Journal of Advanced Research in Computer Science* 8.8, pp. 83–87.

Choudhary, Arjun (2017). “Cyber Murder: A New Dimension to the Crime of Murder”. In: *Cyber Crimes in 21st Century*. Manakin Press, pp. 385–399.

Annu Choudhary Rajendra Kachhwaha, Arjun Choudhary (2018). “Preventing Cross Site Scripting Attacks with Code Sanitization Techniques”. In: *National Conference on New Advances in Theoretical Computer Science, Algorithms, and Mathematical Modeling*.

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- Krishna Parihar Arjun Choudhary, Vishrant Ojha (2018). "A Comparative Analysis between Traditional Virtualization and Container Based Virtualization for Advancement of Open Stack Cloud". In: *International Journal of Engineering Research in Computer Science and Engineering* 5.4, pp. 536–540.
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- Choudhary, Arjun and Rajesh Bhadada (2020). "Emerging threats in cloud computing". In: *International Conference on Emerging Technology Trends in Electronics Communication and Networking*. Springer Singapore Singapore, pp. 147–156.
- Lehri, Divam and Arjun Choudhary (2020). "A survey of energy theft detection approaches in smart meters". In: *Intelligent Energy Management Technologies: ICAEM 2019*. Springer Singapore Singapore, pp. 9–24.
- Mondal, Smita and Arjun Choudhary (2020). "Combating DoS Attack on OpenStack Using Hypervisor Based Intrusion Detection System with the Help of Machine Learning". In: *Proceedings of International Conference on Big Data, Machine Learning and their Applications: ICBMA 2019*. Springer Singapore Singapore, pp. 161–168.
- Srivastava, Pranjal and Arjun Choudhary (2020). "Evolving evidence gathering process: cloud forensics". In: *Proceedings of International Conference on Big Data, Machine Learning and their Applications: ICBMA 2019*. Springer Singapore Singapore, pp. 227–243.
- Luthra, Jatin et al. (2021). "ARUSH: automated runtime universal scanner for hybrid cloud computing". In: *2021 IEEE Globecom Workshops (GC Wkshps)*. IEEE, pp. 1–5.
- Pujar, Sindhu N et al. (2021). "An adaptive auto incident response based security framework for wireless network systems". In: *Research Briefs on Information & Communication Technology Evolution* 7, p. 4.
- Singh, Anand Prakash and Arjun Choudhary (2021). "Approach for Ensuring Fragmentation and Integrity of Data in SEDuLOUS". In: *Proceedings of Second International Conference on Computing, Communications, and Cyber-Security: IC4S 2020*. Springer Singapore Singapore, pp. 857–869.
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- Mathur, Prashant et al. (2022). “SVM-RF: A Hybrid Machine Learning Model for Detection of Malicious Network Traffic and Files”. In: *International Conference on Cryptology & Network Security with Machine Learning*. Springer Nature Singapore Singapore, pp. 29–40.
- Pareek, Kapil, Arjun Choudhary, Ashish Tripathi, and KK Mishra (2022). “Comparative Analysis of Social Media Hate Detection over Code Mixed Hindi-English Language”. In: *Advances in Data and Information Sciences: Proceedings of ICDIS 2021*. Springer Singapore Singapore, pp. 551–561.
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Cryptography & Network Security with Machine Learning. Springer Nature Singapore Singapore, pp. 587–599.

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- Punia, Meenakshi, Arjun Choudhary, Rufus Devairakkam, et al. (2025). “AI accountability in the digital realm: A new paradigm”. In: *Intelligent Computing and Communication Techniques*. CRC Press, pp. 720–728.

SKILLS

Cyber Security	Taught Web Application & Penetration Testing, Cyber Threat Intelligence, Malware Analysis, Cloud Computing & Security, Topics in Cyber Security and several other subjects related to cyber security domain.
Lead Auditor ISO 27001	Currently doing audits with several firms for ISMS along with DPDP Act 2023
Cyber Crime Investigator	Working with several agencies in solving and guiding cyber related crimes
Cyber Consultant	Providing consultancy to cyber victims along with several other institutions for setting up and securing their cyber security poster.