

Dr. Mohd Sameen Chishti

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Employment History

- Jan, 2024 - Present 📌 **Post Doctoral Fellow** Norwegian University of Science and Technology, Trondheim, Norway
- TRACE4EU Project
- Jul, 2023 - Jan, 2024 📌 **Assistant Professor** Bennett University, Greater Noida, UP
- **Subjects:** Software Engineering
 - Member, Blockchain Research Cluster
- May, 2021 - Jun, 2023 📌 **Assistant Professor** Galgotias University, Greater Noida, UP
- **Subjects:** Open Source Technologies, Business Analytics, Cloud Computing
 - **Responsibilities:** Time Table Coordinator
 - **Projects Supervised:** Sentiment Analysis of Twitter Data, WhatsApp Chat Analysis

Education

- 2022 📌 **Ph.D. Computer Science**, South Asian University, New Delhi, India
Thesis title: *On-Chain Search Mechanisms for State-Based Blockchains with Parallel Mining*
- 2013 📌 **Master in Computer Application (M.C.A)**, Jamia Millia Islamia, New Delhi, India
Thesis title: *Reception and Dissemination of Meteorological Data over Network*.
Meteorological Department, Lodhi Road, New Delhi 110003
CGPA: 6.74
- 2010 📌 **B.Sc (Hons) Computer Application**, Aligarh Muslim University, Aligarh, India
Project: *Application Processing and Tracking System in ASP.NET*
Marks: 68.20 %

Research Publications

Journal Articles

- 1 **Chishti, M. S.**, & Banerjee, A. (Under Review). Blockchain-based Framework for Transparent and Verifiable Provenance Knowledge in Global Supply Chain. *Journal of Industrial Information Integration*.
- 2 Sufyan, F., Sagar, S., Nayel, S., **Chishti, M. S.**, Ashraf, Z., & Banerjee, A. (2023). A novel and lightweight real-time continuous motion gesture recognition algorithm for smartphones. *IEEE Access*, 1–1.
🔗 doi:10.1109/ACCESS.2023.3255402
- 3 **Chishti, M. S.**, & Banerjee, A. (2021). Increasing TPS rate of state-based blockchains by parallel mining. *Internet Technology Letters*, 4(2), e220. 🔗 doi:https://doi.org/10.1002/itl2.220. eprint: https://onlinelibrary.wiley.com/doi/pdf/10.1002/itl2.220
- 4 **Chishti, M. S.**, King, C.-T., & Banerjee, A. (2021). Exploring Half-Duplex Communication of NFC Read/Write Mode for Secure Multi-Factor Authentication. *IEEE Access*, 9, 6344–6357.
🔗 doi:10.1109/ACCESS.2020.3048711

- 5 **Chishti, M. S.**, Sufyan, F., & Banerjee, A. (2021). Decentralized On-Chain Data Access via Smart Contracts in Ethereum Blockchain. *IEEE Transactions on Network and Service Management*, 1–1. [doi:10.1109/TNSM.2021.3120912](https://doi.org/10.1109/TNSM.2021.3120912)
- 6 Banerjee, A., **Chishti, M. S.**, & Kumar, S. (2017). Implementing Secure Smart Home Using Existing Infrastructure. *Sistemas & Telemática*, 15(43), 9–18.

Conference Proceedings

- 1 **Chishti, M. S.**, & Banerjee, A. (2023). Instantaneous Account Settlement in Roll-Up based Layer-2 Blockchain Framework for Metaverse Applications. In *2023 IEEE International Conference on Metaverse Computing, Networking and Applications (MetaCom 2023)*).
- 2 **Chishti, M. S.**, & Dwivedi, A. (2022). Metaverse: Diminishing Lines between Real and Virtual Worlds. In *Anthropology, AI and the Future of Human Society 2022*.
- 3 Dwivedi, A., & **Chishti, M. S.** (2022). (Un)Democratic Digital Governance: An approach towards open management of metaverse ecosystem. In *17th International Conference of Sociocybernetics*.
- 4 Sufyan, F., **Chishti, M. S.**, & Banerjee, A. (2022). Energy and Delay Aware Computation Offloading Scheme in MCC Environment. In *Conference on cloud and internet of things 2022 (ciot 2022)*.
- 5 Banerjee, A., **Chishti, M. S.**, Rahman, A., & Chanazain, R. (2018). Centralized Framework for Workload Distribution in Fog Computing. In *2018 3rd international conference for convergence in technology (i2ct)* (pp. 1–5). [doi:10.1109/I2CT.2018.8529568](https://doi.org/10.1109/I2CT.2018.8529568)
- 6 Banerjee, A., **Chishti, M. S.**, & Kumar, G. (2017). On exploring NFC for half-duplex communication in read/write mode. In *2017 international conference on selected topics in mobile and wireless networking (mownet)* (pp. 1–8). [doi:10.1109/MoWNet.2017.8045950](https://doi.org/10.1109/MoWNet.2017.8045950)

Skills

Programming	■ java · python · Solidity
Web Development	■ NodeJs · SpringBoot
Mobile App Development	■ Android
Cloud Applications	■ Amazon AWS EC2 · Amazon AWS lambda · Amazon Cloud9 · VMware Hypervisor
Simulators	■ GNS3 · mininet
Database	■ mysql · mongoDB
Software Packages	■ Matlab · L ^A T _E X

Achievements

2021	■ inSig 21 Fellow , India School on Internet Governance, Organized by Internet Society
2018	■ UGC-SRF (Senior Research Fellowship)
2015	■ UGC-JRF (June) (Junior Research Fellowship)
	■ GATE (Graduate Aptitude Test in Engineering)
	■ JEST (AIR 81) (Joint Entrance Screening Test))
2014	■ UGC-NET

Online Courses

Alchemy University	■ Road to Web3 (pursuing)
LearnWeb3	■ Sophomore
University of Michigan	■ Programming for Everybody (Getting Started with Python)
University of Virginia	■ New Models of Business in Society
ConsenSys Academy	■ Blockchain: Foundations and Use Cases
University at Buffalo	■ Smart Contracts
University of Illinois	■ Cloud Computing Applications
	■ Cloud Networking
Yonsei University	■ Smartphone Emerging Technologies
	■ Big Data, Cloud Computing, & CDN Emerging Technologies
	■ Internet Emerging Technologies
	■ Internet of Things & Augmented Reality Emerging Technologies
University of California San Diego	■ Introduction to Big Data
	■ Internet of Things: How did we get here?

Workshop/Conference/Summer School

2021	■ Indian Summer School on Internet Governance 14,19-21 Nov Hosted by <i>ISOC Chennai Chapter</i>
2019	■ ETIML 4-5 May <i>South Asian University</i>
2017	■ MowNET 17-19 May <i>IEEE Computer Society and the Computer Science Laboratory (LIA) of the University of Avignon Avignon, France</i>
	■ Summer School on Cyber Physical Systems 8-12 May <i>IICT Gandhinagar</i>
2016	■ IMLA 29-30 April <i>South Asian University</i>
2015	■ RWCC 22-23 Dec <i>JNU, New Delhi</i>

Society

- ACM Professional Member
- Internet Society (ISOC) Global Member

Reviewer

- Advances in Applied Sciences : **Editorial board member**
- IEEE Transactions on Engineering Management
- KSII Transactions on Internet and Information System
- IEEE Access
- Elsevier: Journal of System Architecture
- 2022 International Conference on Innovations in Science, Engineering and Technology
- 2021 IEEE International Conference on Acoustics, Speech and Signal Processing
- 2020 IEEE International Conference on Acoustics, Speech and Signal Processing
- 2018 IEEE World Forum on Internet of Things

Non-Collegiate

- Volunteering in different workshops organization
- Founding Committee Member of South Asian University Researchers Association (SAURA)
- Active participation in annual sports meet