



Dr. Minhaj Khan

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(Google Scholar: <https://scholar.google.com/citations?user=UB0hVccAAAAJ&hl=en&authuser=1>,

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Research gate: <https://www.researchgate.net/profile/Minhaj-Khan-11/research>)

PROFILE

- Over 6 years of experience in Computer Science and Engineering.
- Expertise in Cloud Computing, Network Security, and Intrusion Detection Systems.
- Skilled in NAAC procedures and effective research publication.
- Experienced with teaching both core technical subjects and applied research topics.
- Proven ability to foster engaging learning environments and build strong relationships with students.

RESEARCH INTEREST:

- Cloud Computing
- Intrusion Detection Systems
- Network Security
- Machine Learning and Artificial Intelligence in Cloud Environments

SUMMARY OF RESEARCH ACCOMPLISHMENT:

- Multiple research papers published in reputed journals such as SN Computer Science and Concurrency and Computation.
- Authored conference papers presented at IEEE conferences.
- Edited book chapters on Quantum Computing in Cybersecurity.

PROFESSIONAL MEMBERSHIP:

- Participated in several AICTE and university workshops.
- Regular attendee of national and international FDPs on cloud computing and cybersecurity.

COURSE TAUGHT:

- Cloud Computing
- Operating Systems
- Computer Networks
- Information Storage and Management
- Computer Graphics and Multimedia
- Fog Computing
- Internet of Things
- Ethical Hacking
- Information Security
- C Programming

ADMINISTRATIVE/DEPARTMENTAL RESPONSIBILITY

- Managed curriculum development and academic coordination.
- Participated in NAAC documentation processes and accreditation work.

STUDENTS SUPERVISION

- Mentored multiple undergraduate students on cloud computing, Machine Learning and cybersecurity projects.

PUBLISHED/GRANT PATENTS

- None listed

PUBLISHED/ACCEPTED SCI/SCOPUS RESEARCH PAPERS

- Khan, M., & Haroon, M. Detecting Network Intrusion in Cloud Environment Through Ensemble Learning. SN Computer Science, 5(1), 84, 2023.
- Khan, M., & Haroon, M. Network Anomaly Detection Using CNNs. Concurrency and Computation, 2024.
- Vibhute, A. D., Khan, M., et al. Performance Evaluation of CNN on UNSW-NB15 Dataset. Procedia Computer Science, 235, 2227-2236, 2024.

- Khan, M., & Haroon, M. Ensemble random forest and deep convolutional neural networks in detecting and classifying the multiple intrusions from near real-time cloud datasets. *Security and Privacy*, e408.
- Minhaj Khan, et al. (2023). Cloud-based Near Real-Time Multiclass Interruption Recognition and Classification using Ensemble and Deep Learning. *International Journal on Recent and Innovation Trends in Computing and Communication*, 11(10), 1370–1376. <https://doi.org/10.17762/ijritcc.v11i10.8679>

PAPER PUBLISHED IN INTERNATIONAL CONFERENCES

- Khan, M. & Haroon, M. Intrusion Detection Using ANN (ASIANCON 2023, IEEE).
- Khan, M., Agarwal, N., & Khan, J. A. Enhanced Bully Algorithm in Distributed Systems. *IJRITCC*, 5(5), 1092-1097, 2017.

PUBLISHED NON-SCI-SCOPUS BUT PEER REVIEWED RESEARCH PAPERS

- Khan, M., & Khanum, M. A. A Study on Security Risks in Cloud Computing. *Webology*, 19(1), 5850-5866, 2022.

BOOK EDITED/ AUTHORED

- None listed

BOOK CHAPTERS

- Bhatnagar, P., Pai, S., & Khan, M. (2023). DDoS Attack and Defense Mechanism in a Server, in *Quantum Computing in Cybersecurity*.
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