ABDUL KARIM KAZI

Assistant Professor
NED Approved PhD Supervisor

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in www.linkedin.com/in/abdulkarimkazi

Education

Doctor of Philosophy (Ph.D.)
2017 – 2022

NED University of Engineering and Technology
Research Title: *Enhancing Packet Delivery in Intelligent Transportation System (ITS)*
Secured 3.70 CGPA

Master of Computer Science and Information Technology (M.C.I.T.)
2011 – 2013

NED University of Engineering and Technology
Secured 3.66 CGPA

Master of Computer Science (M.C.S.)
2005 – 2006

NED University of Engineering and Technology
Secured 3.66 CGPA

Bachelor of Computer Science (B.C.S.)
2003 – 2006

NED University of Engineering and Technology
Secured 3.15 CGPA

Higher Secondary School (H.S.C)
2000 – 2002

Govt. National College
Pre-Engineering (1st Division)

Secondary School (S.S.C)
1998 – 2000

Ali Ali School
Computer Science (1st Division)

Professional Experience

Assistant Professor
Oct 2022 - Present

Department of Computer Science & IT, NED University of Engineering and Technology

- Focal person and Instructor of NED Huawei ICT Academy.
- Class Advisor.
- Supervising FYDP projects and MS Theses.
- Examiner of MS Theses.
- Member of Departmental Examination Review Committee (ERC), Self-Assessment Report (SAR) committee, Post Graduate Admission committee.
- ICONICS Conference Editor Publication (Chair).

| Lecturer | Department of Computer Science & IT, NED University of Engineering and |
| Nov 2018 - Oct 2022 | Technology |

Lecturer
Nov 2018 - Oct 2022

Department of Computer Science & IT, NED University of Engineering and Technology

IT Manager
Feb 2011 - Nov 2018

Department of Information Technology, NED University of Engineering and Technology

Courses Taught

UNDERGRADUATE LEVEL
- Programming Fundamentals
- Data Structure Algorithms & Applications
- Theory of Automata and Formal Languages
- Compiler Design
- Programming Languages
- Fundamentals of Information Technology
- Computer Communication Networks

POSTGRADUATE LEVEL
- Advanced Theory of Automata

Research Journal Publications

[1] A. K. Kazi, M. Imran, R. Asif, and S. Hina, "SYMPHONY: Synergistic Hierarchical Metric-Fusion and Predictive Hybrid Optimization for Network Yield—A VANET Routing Protocol," Sensors, vol. 26, no. 1, 2026, doi: 10.3390/s26010135.

[2] R. Qamar, R. Asif, A. K. Kazi, M. Ali, and M. Mustafa, "InfoCore: AI Driven Named Entity Deduplication and Event Categorization," Int. J. Adv. Comput. Sci. Appl., vol. 16, no. 11, 2025, doi: 10.14569/IJACSA.2025.0161156.

[3] A. K. Kazi, M. U. Farooq, R. Asif, and S. Hina, "Adaptive Context-Aware VANET Routing Protocol for Intelligent Transportation Systems," Network, vol. 5, no. 4, 2025, doi: 10.3390/network5040047.

[4] H. Rana, M. U. Farooq, A. K. Kazi, M. A. Baig, and M. A. Akhtar, "Prediction of agricultural commodity prices using big data framework," Eng. Technol. Appl. Sci. Res., vol. 14, no. 1, pp. 12652–12658, 2024.

[5] A. A. Memon, S. Hina, A. K. Kazi, and S. Ahmed, "Parts-of-speech tagger for Sindhi language using deep neural network architecture," Mehran Univ. Res. J. Eng. Technol., vol. 43, no. 3, pp. 47–55, 2024.

[6] A. K. Kazi, M. A. Siddiqui, M. A. Zaki, and A. S. Khan, "Fuzzy Logic and Neural network-based self-tuned PID controller of Quadcopter," Pak. J. Eng. Technol. Sci., vol. 12, no. 1, pp. 49–63, 2024.

[7] A. Qaiser, S. Hina, A. K. Kazi, S. Ahmed, and R. Asif, "Fake News Encoder Classifier (FNEC) for Online Published News Related to COVID-19 Vaccines.," Intell. Autom. Soft Comput., vol. 37, no. 1, 2023.

[8] A. K. Kazi, M. Andleeb, S. Ahmed, R. Asif, and others, "Predictive Healthcare Analysis of Pakistan's COVID-19 Pandemic Using Data Mining and Time Series Modelling," Pak. J. Eng. Technol. Sci., vol. 11, no. 1, pp. 74–84, 2023.

[9] M. U. Farooq, M. A. Bhutto, A. K. Kazi, and others, "Real-Time Safety Helmet Detection Using Yolov5 at Construction Sites.," Intell. Autom. Soft Comput., vol. 36, no. 1, 2023.

[10] W. Waseemullah, A. K. Kazi, M. F. Hyder, and F. A. Basit, "Animated Game-Based Learning of Data Structures In Professional Education," Int. J. Comput. Sci. Netw. Secur., vol. 22, no. 9, pp. 1–6, 2022.

[11] A. K. Kazi, Waseemullah, M. A. Baig, and S. Khan, "Breast Cancer Prediction Using Data Mining Classification Techniques," Int. J. Comput. Sci. Netw. Secur. IJCSNS, vol. 22, no. 9, p. 91, 2022, doi: 10.22937/ijcsns.2022.22.9.91.

[12] A. K. Kazi, S. M. Khan, U. Farooq, and S. Hina, "Compacted area with effective links (cael) for data dissemination in vanets," Sensors, vol. 22, no. 9, p. 3448, 2022.

[13] A. K. Kazi, M. U. Farooq, Z. Fatima, S. Hina, and H. Abid, "Analysis of LinkedIn Jobs for Finding High Demand Job Trends Using Text Processing Techniques," Int. J. Comput. Sci. Netw. Secur., vol. 22, no. 10, pp. 223–229, 2022.

[14] M. U. Farooq, A. K. Kazi, M. Latif, S. Alauddin, K.-Z. Kisa-e-Zehra, and M. A. Baig, "Intelligent Character Recognition System for Account Payable by using SVM and RBF Kernel," Int. J. Comput. Sci. Netw. Secur., vol. 22, no. 11, pp. 213–221, 2022.

[15] A. K. Kazi, S. M. Khan, and N. G. Haider, "Reliable group of vehicles (RGoV) in VANET," IEEE Access, vol. 9, pp. 111407–111416, 2021.

[16] A. K. Kazi and S. M. Khan, "DyTE: An effective routing protocol for VANET in urban scenarios," Eng. Technol. Appl. Sci. Res., vol. 11, no. 2, pp. 6979–6985, 2021.

[17] A. K. Kazi and S. M. Khan, "Working of various routing protocols in Vehicular Ad-hoc Network: A Survey," Univ. Sindh J. Inf. Commun. Technol., vol. 4, no. 4, pp. 278–286, Dec. 2020.

Research Grants / Rewards

- Won PhD Research grant from **Ministry of Science and Technology (MoST)** in the year 2018.
- Won FYDP funding from **NED Alumni Association of Southern Carolina (NEDAASC)** in the year 2022**.**
- Won Financial rewards from **NED University** for publishing various papers.

Peer-Reviewer for Journals

- IEEE Access
- The Journal of Supercomputing
- Intelligent Automation & Soft Computing
- Computer Systems Science and Engineering
- Promet – Traffic & Transportation
- Engineering, Technology & Applied Science Research
- Journal on Artificial Intelligence
- Journal on Big Data
- Pakistan Journal of Engineering, Technology and Sciences
- Journal of Cybersecurity
- Peer-to-Peer Networking and Applications
- Wireless Personal Communications

Professional Certifications

- Cisco Certified Network Associate (**CCNA**)
- Microsoft Certified Professional (**MCP**)
- Microsoft Certified Technology Specialist (**MCTS**)
- Microsoft Certified Systems Engineer (**MCSE**) – Windows Server Infrastructure
- Huawei Certified ICT Associate (**HCIA – Datacom**)
- Huawei Certified ICT Professional (**HCIP – Datacom**)

Achievements

- 3rd Position Holder in Masters (MCS).
- As a Huawei ICT trainer, I have successfully mentored students, leading them to achieve certification in Huawei technologies (110+ students certified).
- Achieved *Excellent Instructor Award* from **Huawei** in the year 2023 and 2024**.**

Trainings

- Attended QEC training on Effective PhD Supervision from 7th to 14th October, 2024.
- Attended QEC training on Faculty Development Program from November to December, 2018.
- Attended HEC Indigenous on Campus Training on Computer and Network Security held from 2nd to 4th March 2016.