EDITORIAL

Editorial: Launching *ICCK Transactions on Cybersecurity* – A New Forum for Secure Digital Futures

Mujeeb Ur Rehman[1,*]

[1] School of Computer Science and Informatics, De Montfort University, LE1 9BH Leicester, United Kingdom

The global landscape of cybersecurity is evolving rapidly. Recent studies indicate that the average cost of a data breach now exceeds $4.45 million USD, while ransomware attacks occur approximately every 11 seconds. These figures underscore the growing complexity, frequency, and impact of cyber threats across sectors and geographies. While numerous journals cover general computing and security topics, few are dedicated exclusively to cybersecurity and its most pressing research challenges. As we approach the quantum computing era, the demand for forward-looking innovations such as post-quantum cryptography is intensifying. The need for resilient cryptographic infrastructures that can withstand both classical and quantum attacks is more urgent than ever.

In response to this demand, we are pleased to introduce the *ICCK Transactions on Cybersecurity*, a peer-reviewed, quarterly academic journal published by the *Institute of Central Computation and Knowledge* (*ICCK*). This journal is designed to serve as a high-impact platform for research spanning secure system architectures, intelligent threat detection, privacy-preserving AI, cyber-physical defence mechanisms, blockchain-based security, and quantum-resilient technologies.

Our editorial team is committed to ensuring rigorous peer review, editorial transparency, and timely publication. We aim to bridge the gap between theoretical foundations and practical applications, advancing interdisciplinary collaborations that drive both scholarly advancement and industrial innovation.

We extend our deepest gratitude to all authors, reviewers, and editorial board members whose dedication and expertise have shaped this inaugural issue. Your contributions have laid a strong foundation for a journal that aspires to influence and inspire the next generation of cybersecurity innovation. It is with great excitement that we launch Volume 1, Issue 1 of the *ICCK Transactions on Cybersecurity*, and we invite researchers, practitioners, and thought leaders to engage with us in shaping a more secure digital future.

Data Availability Statement

Not applicable.

Funding

This work was supported without any funding.

Conflicts of Interest

The author declares no conflicts of interest.

Submitted: 30 June 2025
Accepted: 30 June 2025
Published: 19 July 2025

Vol. 1, **No.** 1, 2025.
10.62762/TC.2025.890879

***Corresponding author:**
✉ Mujeeb Ur Rehman
mujeeb.rehman@dmu.ac.uk

Citation
Rehman, M. U. (2025). Editorial: Launching ICCK Transactions on Cybersecurity – A New Forum for Secure Digital Futures. *ICCK Transactions on Cybersecurity*, 1(1), 1–2.

© 2025 by the Author. Published by Institute of Central Computation and Knowledge. This is an open access article under the CC BY license (https://creativecommons.org/licenses/by/4.0/).

Ethical Approval and Consent to Participate

Not applicable.

Dr. Mujeeb Ur Rehman is an accomplished academic with over 11 years of teaching and research experience at leading institutions, including De Montfort University (UK), University of Glasgow (UK), York St John University (UK), and Riphah International University (Pakistan). He has supervised numerous PhD, MSc, and undergraduate research projects, and has authored more than 50 peer-reviewed publications in prestigious outlets such as IEEE Transactions, IET Journals, Elsevier, and Springer.
In 2022, he was recognised by the UK Government as an Exceptional Talent (Emerging Leader) for his pioneering contributions to cybersecurity and artificial intelligence. Dr Rehman has led or co-led projects with combined research funding exceeding £4.8m, supported by institutions in the UK, Saudi Arabia, and beyond. His academic accomplishments include a Gold Medal in his MS programme and a Distinction in his undergraduate degree. He currently serves as the Editor-in-Chief of the *ICCK Transactions on Cybersecurity*. (Email: mujeeb.rehman@dmu.ac.uk)