

# Short Biography

of

## Dr. Md Sawkat Ali

**Dr. Md Sawkat Ali** is an Associate Professor in the Department of Computer Science and Engineering at East West University, Dhaka, Bangladesh. He holds a Ph.D. from Central Queensland University, Australia, an M.E. (Master of Engineering) from the University of New South Wales (UNSW), Australia, and a B.Sc. from Ahsanullah University of Science and Technology, Bangladesh.

Dr. Ali is highly recognized for his contributions to benchmark datasets for AI research, having co-developed multiple open, publicly accessible image datasets that are widely used in machine learning and computer vision studies — including datasets for diseased and healthy mango leaves, rice variety classification, rice field weed detection, and mango growth stages that support global AI research and model evaluation.

With a strong foundation in Machine Learning, Deep Learning, Artificial Intelligence, and Internet of Things (IoT), his research also spans renewable energy systems, power electronics, and control theory, integrating applied AI with real-world smart systems and sustainable solutions.

Dr. Ali has over 1,500 citations from more than 80 documents and an h-index of 18, reflecting his impact across interdisciplinary research areas including data papers, applied computer vision studies, and advanced AI applications.

## Ms. Sanzana Karim Lora

**Ms. Sanzana Karim Lora** is a Lecturer in the Department of Computer Science and Engineering at East West University. She is currently pursuing her Ph.D. in Computer Science and Engineering at Bangladesh University of Engineering and Technology, where she previously completed her M.Sc. and served as a Graduate Research Assistant.

Her research focuses on Natural Language Processing, Deep Learning, and Computational Social Science, with a particular emphasis on low-resource languages such as Bangla. Her work explores challenges like sentiment analysis, sarcasm detection, and cross-lingual language understanding, aiming to develop impactful and accessible AI solutions for linguistically underrepresented communities.

Ms. Lora has authored several publications in reputed international journals and conferences, including contributions to cross-lingual summarization and social media analytics. She is also actively engaged in the academic community as a reviewer for leading publishers such as Springer, ACM, and Cambridge University Press.

## Dr. Mohammad Rezwanul Huq

**Mohammad Rezwanul Huq** is an Associate Professor in the Department of Computer Science and Engineering at East West University, Dhaka, Bangladesh. With more than two decades of teaching and academic experience, he is deeply engaged in mentoring students and advancing work in machine learning, data analytics, and data-driven systems.

He earned his Ph.D. in Computer Science from the University of Twente, the Netherlands, where he focused on understanding the trustworthiness and origin of data in complex systems. He later completed a

postdoctoral fellowship at Macquarie University, Australia, further strengthening his research in data-intensive computing and analytics. His academic journey reflects a consistent interest in how data can be managed, interpreted, and used effectively in real-world contexts.

His current research centers on machine learning, explainable AI, and big data analytics, with applications ranging from decision support systems to natural language processing, including work on Bangla language technologies. He has published widely in reputable international venues such as IEEE, Elsevier, Springer, and Wiley, contributing practical and impactful solutions to modern data challenges.

### **Dr. Maheen Islam**

**Dr. Maheen Islam** is an Associate Professor and Chairperson in the Department of Computer Science and Engineering at East West University. She earned her B.Sc., M.Sc., and Ph.D. in Computer Science from the University of Dhaka, with her doctoral research focusing on wireless mesh networking.

Her research spans wireless mesh networks, wireless sensor networks, cognitive radio networks, software-defined networking, artificial intelligence (AI), and machine learning, along with applications of deep learning in areas such as image captioning and intelligent systems.

Dr. Maheen Islam has contributed to multiple journal and conference publications in networking, software engineering, and AI-driven applications. Her work includes topics such as load balancing in distributed systems, software product line verification, and deep learning-based surveillance and image understanding. Her publications have received citations in related domains, reflecting ongoing academic impact and collaboration with researchers in Bangladesh and beyond.

In addition to research, she is actively involved in academic leadership, curriculum development, and mentoring students and junior researchers, contributing to the growth of computing education and research at East West University.

### **Dr. Rifat Shahriyar**

Dr. Rifat Shahriyar is a Professor in the Department of Computer Science and Engineering at Bangladesh University of Engineering and Technology. He earned his Ph.D. in Computer Science from the Australian National University in 2015, and completed both his B.Sc. and M.Sc. degrees in CSE from BUET.

Professor Shahriyar's research spans software engineering, programming languages, memory management, and natural language processing, with a growing focus on data-driven and intelligent systems. His work bridges foundational systems research with modern AI applications, contributing to areas such as multilingual NLP, developer analytics, and secure software systems.

He has authored numerous publications in leading international journals and conferences, and has been actively involved in advancing research on low-resource languages, including Bangla. As a mentor and researcher, he has guided many students who have gone on to pursue impactful careers in academia and industry worldwide.

With over a decade of academic experience at BUET, Professor Shahriyar continues to contribute to both teaching and research, shaping the next generation of computer scientists while addressing real-world computational challenges.