**Title**

Muhammad Mahfuz Hasan

Associate Professor and Chairperson

Department of Computer Science and Engineering

Faculty of Engineering and Technology

Eastern University, Bangladesh

Phone: +8809602666651, +8809602666652, Ext: 118

Email: mhasan@easternuni.edu.bd

**Education**

**Masters of Applied Information Technology**

Royal Institute of Technology (KTH), Stockholm, Sweden

**B. Sc. in Electrical and Electronic Engineering**

Khulna University of Engineering and Technology (KUET), Bangladesh

**Research Interest**

Information Security  
Cryptography  
Network Security

**Experiences**

**Associate Professor**

01 October 2022 to till

Department of Computer Science and Engineering

Faculty of Engineering and Technology

Eastern University, Bangladesh

**Assistant Professor**

07 February 2010 to 30 September 2022

Department of Computer Science and Engineering

Faculty of Engineering and Technology

Eastern University, Bangladesh

**Lecturer**

02 October 2001 to 06 August 2003

Department of Computer Science and Engineering

Khulna University of Engineering and Technology (KUET)

Bangladesh

**Administrative Position**

**Chairperson**

01 November 2020 to till

Department of Computer Science and Engineering

Eastern University, Bangladesh

**Coordinator**

06 February 2019 to 31 October 2020

Department of Computer Science and Engineering

Eastern University, Bangladesh

**Selected Publications**

[7] Miftahul Islam and **Muhammad Mahfuz Hasan**, “Detection of Curse Words and Hate Speech from Scrambled Words”, Eastern University Journal, Volume 10, Issue 1 & 2, 2024, ISSN - 1998-7889, https://webapi.easternuni.edu.bd/media/journal/content/6\_SNPSoGM.pdf

[6] Amena Ferdousi and **Muhammad Mahfuz Hasan**, “Changes of BAETE’s Accreditation Manual for Bachelor’s Degree Programs in Engineering in Bangladesh” European Journal of Education Studies, Volume 7, Issue 7, 2020, ISSN: 2501 – 1111, www.oapub.org/edu

[5] **Muhammad Mahfuz Hasan** and Md. Mahfuzur Rahman, " Smooth Handoff in Mobile IP and a New Approach ", Stamford Journal of Electrical, Electronic & Communication Technology, ISSN: 1995-5383, Vol.-III, Issue-I, July 2012, pp 91-101

[4] A. R. M. Jalal Uddin Jamali, M. M. A. Hashem, **M. Mahfuz Hasan** and Md. Bazlar Rahman, “Solving Linear Equations by Classical Jacobi-SR Based Hybrid Evolutionary Algorithm with Uniform Adaptation Technique”, Journal of Engineering Science, Vol. 1, No. 2, Dec 2010, pp. 11-24, ISSN: 2075-4914/02 (2010), Bangladesh

[3] Md. Shariful Islam, Abu Raihan Mostafa Kamal, **Mahfuz Hasan** and Md. Hasan Babu, “An Approach Towards Efficient Key Management in Mobile Ad hoc Network”, The Dhaka University, Bangladesh Journal of Science. Vol.-56, Issue-II, July 2008, pp 129-132

[2] Md. Sheikh Sadi, Sujoy Kumar Das, Mujahidul Islam and **Md. Mahfuz Hasan** , " Weather Prediction Using Neural Network Ensembles ", Proceedings of the 3rd International Conference on Electrical, Electronics and Computer Engineering (ICEECE-2003),pp. 187-191, Dhaka, Bangladesh, 22 – 24 December 2003

[1] **Mahfuz Hasan**, Shaheena Sultana, Mirja Nazrul Islam and M. M. A Hashem , " Empirical Investigations for Exogenous Parameters of an Evolutionary Algorithm ", Proceedings of the 2nd International Conference on Electrical Engineering (ICEE-2002),pp. 228-232, Khulna, Bangladesh, 23 – 24 October 2002

**Courses Taught (New Tab)**

Information Security and Cryptography

Computer Networks

Data communication

Design and Analysis of Algorithm

Data Structures

Discrete Mathematics

**Thesis/Project Supervised (New Tab)**

**Undergraduate**

**Spring 2023**

[1] Event management System.

[2] Fire Fighting Robot.

[3] Vehicle Accident Detection System.

[4] A Review of Distributed Cluster System.

[5] Travel Management System.

**Fall 2022**

[1] Online Medical Assistant.

[2] Online Voting System.

[3] Intelligent Walking Stick for the Visually Impaired People.

[4] Learning Resources Management System.

[5] Hospital Management System.

[6] Online Service Provider.

[7] Restaurant Management System.

[8] Library Management System.

**Summer 2022**

[1] Surveillance Robot Car with Passive Infrared Sensor.

[2] Blood Donation Management System.

[3] Emergency Information Providing System.

[4] Gaming Accessories Online Marketplace.

[5] Pharmacy Management system.

[6] University Inventory management System.

[7] Customizable E-commerce Management System.

**Spring 2022**

[1] Library Management System

[2] e-shop for Buyer and Seller

[3] Charity Fund Management System

[4] Analysis and Design of an office Network

[5] Human Resource and Payroll Management System