



Dr. Mostafa Zaman Chowdhury
Professor

Research Area 5G/6G, Internet of Everything (IoE), Wireless Communications, Optical Wireless Communication (OWC)

Biography

Prospective motivated students are welcome to join my research group. I am also looking forward for coolaboration.

[ORCID](#) [SCOPUS](#) [GoogleScholar](#) [IEEE Xplore](#)

MOSTAFA ZAMAN CHOWDHURY received the B.Sc. degree in electrical and electronic engineering from the Khulna University of Engineering & Technology (KUET), Bangladesh, in 2002, and the M.Sc. and Ph.D. degrees in electronics engineering from [Kookmin University](#), South Korea, in 2008 and 2012, respectively. In 2003, he joined the Electrical and Electronic Engineering Department, KUET as a Lecturer, where he is currently working as a Professor. He was a Postdoctoral Researcher with Kookmin University from 2017 to 2019. He has published around 130 research papers in national and international conferences and journals. In 2008, he received the Excellent Student Award from Kookmin University. His three papers received the Best Paper Award at several international conferences around the world. He was involved in many Korean government projects. His research interests include convergence networks, QoS provisioning, small-cell networks, Internet of Things, eHealth, 5G and beyond communications, and optical wireless communication. Prof. Chowdhury received the Best Executive Editor Award 2024 by for [ICT Express](#) (Elsevier) journal. He received the Best Reviewer Award 2018 by for [ICT Express](#) (Elsevier) journal. Moreover, he received the Education and Research Award 2018 given by Bangladesh Community in South Korea. He was a TPC Chair of the International Workshop on 5G/6G Mobile Communications in 2017 and 2018. He was the [Publicity Chair](#) of the International Conference on Artificial Intelligence in Information and Communication, 2019 to 2025. He served as a Reviewer for many international journals and IEEE conferences. He has been working as an [Executive Editor](#) for *ICT Express*, an [Associate Editor](#) of *IEEE Access*, an [Associate Editor](#) of *Frontiers in Communications and Networks*, a [Lead Guest Editor](#) for *Wireless Communications and Mobile Computing*, and a [Guest Editor](#) for *Applied Sciences*. He has served as a TPC member for several IEEE conferences. Dr. Chowdhury is a Senior Member of [Institute of Electrical and Electronic Engineers \(IEEE\)](#) and Life Member of [Institute of Engineers Bangladesh \(IEB\)](#).

Professor: Dept. of EEE, KUET.

Postdoc Research Fellow: [Kookmin University](#), 2017 to 2019.

Executive Editor: [ICT Express](#) (Elsevier)

Associate Editor: [IEEE Access](#)

Associate Editor: [Frontiers in Communications and Networks](#)

Lead Guest Editor: [Wireless Communications and Mobile Computing](#)

Guest Editor: [Applied Sciences](#) (MDPI)

Selected Reviewer: IEEE, Elsevier, Springer, ScienceDirect, Wiley, MDPI, and Hindawi published journals

TPC Chair: International Workshop on 5G/6G Mobile Communications, 2017 and 2018.

Publicity Chair: [International Conference on Artificial Intelligence in Information and Communication](#), 2019-2025

TPC Member: Many IEEE conferences around the world

Education

Ph.D in Electronics Engineering

Kookmin University, South Korea (2008-2012) Achievement: Excellent Student Award

Thesis Title: [Adaptive Resource Management for Multimedia Applications in Femtocellular and Macrocellular Networks](#)

M.Sc in Electronics Engineering

Kookmin University, South Korea (2006-2008) Achievement: Best student award

Thesis Title: [Call Admission Control for QoS Provisioning in Convergence Networks](#)

B.Sc. in Electrical and Electronic Engineering

Khulna University of Engineering & Technology (KUET), Bangladesh (1998-2002)

Thesis Title: [Motion Estimation of Ultrasonographic Movie by Optical Flow Global Optimization Method](#)

Posdoc

Kookmin University, South Korea (2017-2019)

It was under the Korea Research Fellowship (KRF) program supported by National Research Foundation of Korea (NRF).

Service Records

- **Member, Consultancy Research & Testing Services**

Department/Section: Electrical and Electronic Engineering

Khulna University of Engineering & Technology (KUET) From 2003-02-18 00:00:00 to 1970-01-01 06:00:00

- **Professor**
Department/Section: Electrical and Electronic Engineering
Khulna University of Engineering & Technology (KUET) *From 2019-04-21 00:00:00 to 1970-01-01 06:00:00*
- **Associate Professor**
Department/Section: Electrical and Electronic Engineering
Khulna University of Engineering & Technology (KUET) *From 2015-07-05 00:00:00 to 2019-04-20 00:00:00*
- **Assistant Professor**
Department/Section: Electrical and Electronic Engineering
Khulna University of Engineering & Technology (KUET) *From 2006-05-09 00:00:00 to 2015-07-04 00:00:00*
- **Lecturer**
Department/Section: Department of Electrical and Electronic Engineering
Khulna University of Engineering & Technology (KUET) *From 2003-02-18 00:00:00 to 2006-05-08 00:00:00*

Research Interest

5G/6G, Internet of Everything (IoE), Wireless Communications, Optical Wireless Communication (OWC)

Radio Resource Management

Convergence of Heterogeneous Networks

Small-cell and Femtocell Networks

5G and Beyond Communications

AI for Communications

Internet of Things (IoT) and Internet of Everything (IoE)

Optical Camera Communication (OCC)

THz Communication