



Department of Electrical and Electronic Engineering  
Khulna University of Engineering & Technology  
Khulna - 9203, Tel: 041-769471 (191); Fax : 041-774403



**Dr. Mohiuddin Ahmad**  
Professor

**Research Area** Clinical Engineering Human  
Motion Analysis Biomedical Engineering  
Image Processing Circuits and Energy  
Conversion

[Biography of Prof. Dr. Mohiuddin Ahmad](#)  
[CV of Prof. Dr. Mohiuddin Ahmad](#)

## CV of Prof. Dr. Mohiuddin Ahmad

[CV of Prof. Dr. Mohiuddin Ahmad](#)  
Welcome to my site.

**Provost, Khan Jahan Ali Hall, KUET (November 09, 2023 ~ Till Now).**

**Former - Director of the Institute, Institute of Information and Communication Technology (September 21, 2020 ~ September 20, 2023).**

**Former - Dean of the Faculty, Faculty of Electrical and Electronic Engineering (August 14, 2018 ~ August 13, 2020).**

**Former - Head of the Department, Electrical and Electronic Engineering (September 2012 ~ August 2014).**

**Former - Head of the Department, Dept. of Biomedical Engineering (October 2009 ~ September 2012).**

### Contact Information: EEE

Electrical and Electronic Engineering Building, Room # EEE 220  
Department of Electrical and Electronic Engineering  
Khulna University of Engineering & Technology (KUET)  
Fulbarigate, Khulna-9203, Bangladesh  
Phone: 880-41-769471-333 (Office - Room) Fax: 880-41-774403  
Email: ahmad@eee.kuet.ac.bd, mohiuddin.ahmad@gmail.com,  
mohi\_kuet@yahoo.com, mohi\_kuet@hotmail.com

### Biography of Prof. Dr. Mohiuddin Ahmad

Dr. Mohiuddin Ahmad earned his B.Sc. Engineering degree in Electrical and Electronic Engineering from Chittagong University of Engineering and Technology (CUET), Bangladesh, graduating with First Class First with Honours. He later obtained his MS Degree in Electronics and Information Science, specializing in Biomedical Engineering, from the Kyoto Institute of Technology, Japan, in 1994 and 2001, respectively. In recognition of his academic excellence, Dr. Ahmad was honored with the Institute Gold Medal by the Prime Minister of Bangladesh. He went on to complete his Ph.D. in Computer Science and Engineering from Korea University, Republic of Korea, in 2008.

From November 1994 to August 1995, Dr. Ahmad served as a part-time Lecturer at the Department of Electrical and Electronic Engineering at CUET, Bangladesh. He then worked as a Lecturer at the Department of Electrical and Electronic Engineering at Khulna University of Engineering & Technology, Bangladesh, from August 1995 to October 1998. In June 2001, he joined the same department as an Assistant Professor and progressed to become an Associate Professor in May 2009. Currently, he holds the position of Full Professor in the Department of Electrical & Electronic Engineering. Additionally, he served as the Head of the Department of Biomedical Engineering from October 2009 to September 2012, and as the Head of the Department of Electrical and Electronic Engineering from September 2012 to August 2014. Prof. Ahmad served as the Dean of the Faculty of Electrical and Electronic Engineering from August 14, 2018, to August 13, 2020. Prof. Ahmad had been serving as the Director of the Institute of Information and Communication Technology (IICT), KUET from September 21, 2020 to September 20, 2023.

During his career, Dr. Ahmad has actively participated in various international conferences, serving as an Organizing Chair for EICT 2019, TPC Chair of EICT 2015, and Co-Chair/Track Chair for events

EICT 2013, EICT 2017, EICT 2021, EICT 2023, and General Chair of ICICTD 2022 organized by IICT, KUET, and more. He has supervised numerous Doctoral and Master's Theses, focusing on areas such as Biomedical Signal and Image Processing, Computer Vision and Pattern Recognition, Human Motion Analysis, Clinical Engineering and Modern Healthcare, Circuits and Systems, ICT, Artificial Intelligence in Healthcare, and Energy Conversion. Dr. Ahmad's contributions to research are evident through his publication of over 180 research papers in international journals and conference proceedings. He holds a life fellowship with IEB, membership with IEEE, and is a senior member of the International Association of Computer Science and Information Technology. In addition, Dr. Ahmad is the founder and president of the "Clinical Engineering Association of Bangladesh (CEAB)," a non-political, non-profit organization that aims to enhance patient care through the application of medical equipment. In this role, he oversees the policies and strategic directions of CEAB.

## Supported URLs of Prof. Dr. Mohiuddin Ahmad

(i) [Personal Website!](#)

### Education

---

#### PhD

Korea University, Republic of Korea (August 2003-2008)

**Thesis Title:** [Human Action Recognition using Local and Global Features from Image Sequences](#)

#### M. Engineering

Kyoto Institute of Technology, Japan (2001) Student Type: Regular,

**Thesis Title:** [Optical flow analysis of tissue motion in the cranial ultrasonogram of newborn babies](#)

#### B. Sc. Engineering (EEE)

CUET, Bangladesh (1994) Group: EEE, Student Type: Regular, Merit Position: 1st, Achievement: Prime Minister Gold Medal

#### HSC

Companigonj BA College, Bangladesh (1987) Group: Science,

#### SSC

Muradnagar DR Govt. High School, Bangladesh (1985) Group: Science,

### Service Records

---

- **Director of the Institute**  
**Department/Section:** IICT  
**Khulna University of Engineering & Technology** *From to*  
Working Area: Institute  
Responsibility: Administrative and Academic, Execution and monitoring of IICT institutional activities. Chairman of ARC, FAC, and SSC.  
Member-secretary of BOG, IICT.
- **Dean of the Faculty**  
**Department/Section:** Faculty of EEE  
**Khulna University of Engineering & Technology** *From to*  
Working Area: EEE Faculty  
Responsibility: Academic and Administrative, Execution and monitoring of EEE faculty activities
- **Lecturer**  
**Department/Section:** EEE  
**BIT, Chittagong** *From to*  
Responsibility: Teaching and Conducting Sessional Class
- **Lecturer**  
**Department/Section:** EEE  
**BIT, Khulna** *From to*  
Responsibility: Teaching and Supervision of UG Thesis
- **Assistant Professor**  
**Department/Section:** EEE  
**BIT, Khulna** *From to*  
Responsibility: Teaching, conducting UG thesis and project, Related Works
- **Associate Professor**  
**Department/Section:** EEE  
**KUET** *From to*  
Responsibility: Teaching in UG and PG, conducting thesis and project of UG and PG, BIT Khulna & KUET
- **Professor**  
**Department/Section:** EEE  
**KUET** *From to*  
Working Area: Within and Outside KUET  
Responsibility: Teaching, research, and conduct thesis project of UG & PG students; Curriculum and lab manual update & development, Examiner of PG and UG, Conduct meeting for the departmental issue, Member of CRTS of EEE Department

### Research Interest

---

#### Clinical Engineering

Clinical engineering and modern patient care; ICT and AI in Healthcare

#### Human Motion Analysis

Action recognition from images and biosignals, feature extraction, pattern classification

### **Biomedical Engineering**

Biomedical signal and image processing for disease analysis, biomedical circuits and sensors, medical equipment management system

### **Image Processing**

Image processing, computer vision and pattern recognition, action Recognition, stereo analysis

### **Circuits and Energy Conversion**

Renewable energy, smart energy, BIPV systems, etc

## **Publication**

---

### **Books**

1(2013) , *Tissue-motion analysis of Cranial Ultrasonogram for Newborn Babies* , ISBN:978-3659374319,LAP LAMBERT Academic Publishing (November 20, 2013)