

Faculty Brief Profile:

	Full Name:	Dr. Kazi Mohiuddin Ahmed
	Designation:	Professor , EEE & Director, IEERD
	Educational Qualifications:	
	(a) PhD:	Electrical and Computer Engineering (Telecommunications), University of Newcastle, NSW, Australia, 1983
	(b) M.Sc. Engineering	Telecommunications, Leningrad (St. Petersburg) Electro-Technical Institute of Communications, Leningrad, USSR (Russia), 1978
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Office Room Number:		

Information for Faculty Full-Profile:

ACADEMIC QUALIFICATIONS

1980-1983 Ph.D.

Dept. of Electrical & Computer Engineering, University of Newcastle, NSW, Australia.

1972-1978 M.Sc.Eng.

Dept. of Multichannel Electrical Communications, Leningrad Prof. Bonch-Bruevitch Electrical Engineering Institute of Communications, Leningrad, USSR(Russia).

1993 Senior Research Fellowship

Commonwealth Staff Research Fellowship, Leeds University, UK

EMPLOYMENT HISTORY

October 2013- to date Professor,

Dept. of EEE, University of Asia Pacific

Dhaka, Bangladesh

January 2005 – June 2013	Professor, Telecommunications & ICT, AIT Bangkok, Thailand
July 1996 – December 2004	Associate Professor, Telecommunications, AIT
September 1994 - June 1996	Visiting Faculty, Telecommunications, AIT
September 1995	Professor (appointed while on leave to AIT from BUET) Dept. of Electrical & Electronic Engineering, Bangladesh University of Engineering and Technology (BUET), Dhaka, Bangladesh
March 1987 - September 1995	Associate Professor Dept. of Electrical & Electronic Engineering, Bangladesh University of Engineering and Technology (BUET), Dhaka, Bangladesh.
July 1984 - March 1987	Assistant Professor Dept. of Electrical & Electronic Engineering, Bangladesh University of Engineering and Technology (BUET), Dhaka, Bangladesh.
March 1984 - July 1984	Assistant Professor

Dept. of Applied Physics & Electronics, Dhaka University, Bangladesh.

September 1978 - February 1980 Assistant Engineer

Bangladesh LANDSAT Program, Bangladesh Atomic Energy Commission, Dhaka, Bangladesh

AREAS OF SPECIALIZATION

Telecommunications Engineering & ICT

Research Interests

- Wireless Systems and Networks
- Multiple Access Techniques & Protocols
- Disaster Warning and Post-disaster Communications
- Applications of ICT in Sustainable Development
- Mobile Communications
- Satellite Communications
- Signal Processing

Student Research Supervision

Masters' Theses Supervised:

- 7 Masters' Theses Supervised in Bangladesh University of Engineering and Technology, Dhaka, Bangladesh.
- 140 Masters' Theses Supervised in Asian Institute of Technology (AIT), Thailand

Ph.D. Theses Supervised:

- 13 Ph.D. theses supervised as Chair and Co-Chair in Asian Institute of Technology (AIT), Thailand.

Masters and Ph.D Examination Committee Membership:

- Served as member in more than 200 other Masters Examination Committees in Telecommunications and other related programs.
- Served in about 20 Ph.D. Examinations Committees as member in Telecommunications and other programs.
- Served as External Examiner in many Ph.D. and Masters' Theses for universities in Thailand, Malaysia, India and Australia.

PUBLICATIONS

Book: Sawasd Tantaratana and Kazi M. Ahmed, "Wireless Applications of Spread Spectrum Systems", *Selected Readings*, IEEE Publications, 737 pages, ISBN 0-7803-2340-8, 1998.

Book-Chapter: Abdur Rahim, Nemaï Chandra Karmakar and Kazi M. Ahmed, "Blind Channel Estimation in MIMO for MC-CDMA", *Handbook of Smart Antennas for RFID Systems*, Ed. By Nemaï Chandra Karmakar, John Wiley, 2010.

Journal Papers: About 60 papers in peer-reviewed Journals

Conference Papers : More than 130 peer-reviewed papers in international and national conferences.