

MUNAZ AHMED NOOR

Ph.D. (The University of Tokyo)

Professor of Civil Engineering
Bangladesh University of Engineering and Technology (BUET)

CONTACT

✉ mnoor@ce.buet.ac.bd
✉ munaz@munaz.net
+880 1711 992352
☎ +880 2 5516 7100
linkedin.com/in/munaznoor

LEADERSHIP AT A GLANCE

30+ Years
2.1M Students
30+ Countries
90+ Papers
3 Books
21+ Theses

AREAS OF EXPERTISE

- Academic Governance & Strategic Planning
- Higher Education Policy & Quality Assurance
- Institutional Development & Digital Transformation
- International Relations & Cross-cultural Leadership
- Research Management & Fund Mobilization
- Structural & Seismic Engineering
- Construction Materials & Infrastructure Development
- Disaster Risk Reduction & Resilience Planning

TECHNICAL PROFICIENCY

Structural Analysis (ETABS/SAP)

Seismic Design & Assessment

FEA / Computational Methods

Research Methodology

Data Science & AI

Academic Administration

A visionary academic leader and internationally recognized scholar with **30+ years** of progressive experience in higher education governance, strategic planning, and research leadership. Proven record of **founding and transforming universities**, managing academic affairs for **2.1 million students** across **2,200 institutions**, and leading an **OIC-affiliated international university** serving **30+ member nations**. Deep expertise in mobilizing international development funding (World Bank, ADB, UNOPS), driving digital transformation of academic ecosystems, and advising governments on national science, technology, and infrastructure policy. A distinguished researcher in structural and earthquake engineering with **90+ publications** and **3 authored books**.

EDUCATION & CREDENTIALS

1997–2000 — **Doctor of Philosophy (Ph.D.) in Civil Engineering**
The University of Tokyo, Japan
ADB/Japan Scholarship Program. All 11 graduate courses graded "A". Research in non-linear finite element analysis and soil–structure interaction under seismic loading.

1995–1997 — **Master of Science (M.Sc.) in Civil & Structural Engineering**
Bangladesh University of Engineering & Technology (BUET)
1st Class, 1st Position · GPA 3.94/4.00 · Sarfuddin Gold Medal for highest standing.

1989–1995 — **Bachelor of Science (B.Sc.) in Civil Engineering**
Bangladesh University of Engineering & Technology (BUET)
1st Class, 1st with Honours · Malek Akram Hossain Gold Medal.

2018 — **Mini-MBA; Diplomas in Strategic & Business Management**
International Business Management Institute, New York, USA

SENIOR ACADEMIC & ADMINISTRATIVE LEADERSHIP

Jun 2018 – Jun 2022 — **Founding Vice-Chancellor**
Bangabandhu Sheikh Mujibur Rahman Digital University, Bangladesh
Conceptualized and established Bangladesh's first university dedicated to digital sciences and emerging technologies. Developed the founding Development Project Proforma (DPP), recruited inaugural faculty, designed curricula aligned with 4IR competencies, and built institutional governance frameworks from inception. Oversaw campus master planning and strategic partnerships with industry and government.

Apr 2016 – Feb 2018 — **Vice-Chancellor**
Islamic University of Technology (IUT), OIC, Gazipur, Bangladesh
Chief executive of the only international technological university of the Organisation of Islamic Cooperation, serving students from **30+ OIC member states**. Led comprehensive digital transformation: smart-card-based student management, e-learning platforms, first-ever live-streamed lectures, e-filing, and digital HR/accounting systems. Negotiated academic and financial matters with OIC ambassadors and member-state delegations. Also served as **Dean, Faculty of Science & Technical Education**, and established the Centre for Innovative Teaching & Learning.

Apr 2013 – Mar 2016 — **Pro-Vice-Chancellor**
National University, Bangladesh
Directed academic and administrative affairs for the world's 3rd largest university by enrollment (**2.1 million students, 2,200+ affiliated colleges**). Key achievements:

- Successfully negotiated with **World Bank** (College Education Development Project) and **Asian Development Bank** (Teacher Quality Improvement Project II) for major development funding.
- Implemented ICT-based teaching–learning system connecting 2,200+ colleges nationwide.
- Developed integrated software making the university fully digital and paperless.
- Designed and implemented advanced academic calendars eliminating session backlogs.
- Overhauled curricula across all disciplines to international standards.
- Introduced digitally signed registration for 2.1M students and online admission systems.
- Supervised implementation of the university's 50-year Master Plan.
- Formulated the **Regional Centre Development Project DPP** (GoB & World Bank financed).

ACADEMIC CAREER

Nov 2025 – Present — **Professor (Grade - 1), Department of Civil Engineering**
Bangladesh University of Engineering & Technology (BUET), Dhaka

Nov 2011 – Nov 2025 — **Professor (Grade - 2), Department of Civil Engineering**
Bangladesh University of Engineering & Technology (BUET), Dhaka

LANGUAGES

Bangla — Native

English — C2 (Proficient)

Japanese — Conversational

Arabic — Reading & Writing

HONOURS & AWARDS

★ **Education Leadership Award**
CMO Asia, Singapore, 2016

★ **Honorary Doctorate**
Commonwealth University & London Graduate School, 2018

★ **Exceptional Educator**
American Leader Board, 2018

★ **Sarfuddin Gold Medal**
1st in M.Sc., BUET

★ **Malek Akram Hossain Gold Medal**
1st in B.Sc., BUET

★ **IEB Best Paper Award**
2001 & 2011

★ **Chancellor's Award**
1st in Combined Merit, HSC

PROFESSIONAL FELLOWSHIPS

Life Fellow, IEB
Charter Member, SEI (ASCE)
Member, ISSMGE
Member, ACI
Life Member, BES
Member, BSGE
Board Member, Asia-Pacific Assoc. for Public Safety Science & Technology

Nov 2009 – Nov 2011 **Professor (Grade - 3), Department of Civil Engineering**
Bangladesh University of Engineering & Technology (BUET), Dhaka
Undergraduate and postgraduate teaching and research in structural engineering, earthquake engineering, tall building design, and construction materials. Supervised 21+ M.Sc. and ongoing Ph.D. theses. Provided consultancy for major infrastructure and high-rise projects nationally.

Nov 2004 – Nov 2009 **Associate Professor, Department of Civil Engineering**
BUET, Dhaka

Nov 2000 – Nov 2004 **Assistant Professor, Department of Civil Engineering**
BUET, Dhaka

Sep 1995 – Oct 2000 **Lecturer, Department of Civil Engineering**
BUET, Dhaka

GOVERNANCE, STRATEGIC PLANNING & INSTITUTION BUILDING

- **Formulated Development Project Proformas (DPP)** for Bangabandhu Digital University and the College Education Development Project (National University), financed by GoB & World Bank.
- **Developed 50-Year Master Plans** for both National University and Islamic University of Technology.
- **Project Manager**, 24-storied Association of Universities, Bangladesh headquarters building.
- **Syndicate Member**, Independent University, Bangladesh (2011–2014) — participated in governance, financial oversight, and faculty recruitment.
- **Member, Planning & Development Committee**, Jahangirnagar University (2010–present) — advising campus Master Plan and development projects.
- **Academic Council Member**, Dhaka University of Engineering & Technology (2011–2013).
- **Member, Professor Selection Committees** at Hajee Mohammad Danesh Science & Technology University, KUET, and Noakhali Science & Technology University (2016–present).
- **Governing Board Member**, Islamic University of Technology (2016–2018).

NATIONAL POLICY & INTERNATIONAL ADVISORY ROLES

- **Member, Digital Bangladesh Task Force** — headed by the Hon'ble Prime Minister, Government of Bangladesh. Contributed to national strategy for digital governance and ICT development.
- **Member, National Council for Science & Technology** — chaired by the Hon'ble Prime Minister. Advised on national science & technology policy formulation.
- **Panel of Experts, Seismic Analysis of Ruppur Nuclear Power Plant** — assessed seismic hazard for Bangladesh's first nuclear facility (Government of Bangladesh).
- **Member, International Negotiating Team, Ruppur Nuclear Power Plant** — contributed to bilateral civil construction negotiations with the Russian Federation counterpart.
- **Member, Expert Committee, Impact Assessment of Tipaimukh Dam** — Ministry of Water Resources. Evaluated design and transboundary impacts in the national interest.
- **Member, Equivalence Committee, University Grants Commission** — assessed and recognized international academic qualifications.
- **Convenor, Expert Group on Science, Technology & ICT**, CEDP — National University. Led curriculum and strategic development.
- **Member, NSPC Steering Committee**, CEDP — National University (GoB).
- **Vice-Chairman, Civil Engineering Divisional Committee**, Bangladesh Standards & Testing Institution (BSTI) — Ministry of Industries.
- **Advisor, Estate & General**, Vice-Chancellor's Office, BUET (2010–2011).

RESEARCH & SCHOLARLY CONTRIBUTIONS

Extensive experience leading large research teams, securing and managing funded projects, and delivering reports to national and international funding bodies.

CASR, BUET **Simplified Soil–Structure Interaction Method for Buried Pipe Design**

UGC **Seismic Assessment of Existing Buildings of Bangladesh**

CASR, BUET **Seismic Assessment of Existing Engineered Structures & Code Provisions**

UNOPS **Development of Earthquake & Tsunami Preparedness Program, Cox's Bazar**

2011–2013 **Director, BUET–Japan Institute for Disaster Prevention & Urban Safety** — Led implementation, monitoring, evaluation, and financial coordination with Japanese counterpart.

2005–present **Project Manager, Bangladesh Network Office for Urban Safety (BNUS)** — Created earthquake and urban safety awareness at community level. Led research teams since 2005.

Jury Chair **Green Built Bangladesh (Holcim)** — Prepared concept paper and evaluated competing green infrastructure projects nationally.

PUBLICATIONS & EDITORIAL LEADERSHIP

90+ Publications | **3** Books | **5** Journals Edited

Authored Books:
Designing With Grade 500 Steel (University Press, 2010)
Earthquake Resistant Design Manual (Academic Press, 2006)
Construction Workplace Safety Health & Welfare (2013)
Chapter: *Climate Change And Growth In Asia* (Edward Elgar, US, 2010)

Editorial Board Leadership: Chairman — Journal of Science (National University); Chairman — Journal of Civil Engineering (IEB); Editor — Journal of IEB Multidisciplinary; Chairman — Somachar Quarterly (National University); Editor — Beyond Building Monthly Magazine.

PROFESSIONAL BODY LEADERSHIP

2020–2023 **Chairman, Civil Engineering Divisional Committee** — Institution of Engineers, Bangladesh

2018–2020 **Central Council Member** — Institution of Engineers, Bangladesh

2011–2012 **Vice Chairman, Civil Engineering Divisional Committee** — IEB — received **Best Division Award** from Hon'ble Prime Minister. Organized 4th international seminar & first civil engineering congress.

2009–2012 **General Secretary** — Bangladesh Earthquake Society — managed financial and organizational matters

2009–present **Board Member** — Asia-Pacific Association for Public Safety Science & Technology

Present **Vice President** — Bangladesh Earthquake Society

Present **Vice President** — Alternative & Sustainable Energy Foundation — organized media engagements on energy and climate policy

INTERNATIONAL PROFESSIONAL DEVELOPMENT

2010 **Community-based Disaster Risk Management** — World Bank Institute & EMI, Philippines

2009 **Earthquake Engineering for Nuclear Facilities** — IAEA & Abdus Salam ICTP, Italy

2009 **Financial Strategies for Economic Impacts of Natural Disasters** — World Bank Institute, Philippines

2007 **Natural Disaster Mitigation** — JICA & NIED, Tsukuba, Japan (3 months)

2005 **Public–Private Partnerships (PPP)** — UNESCO-IHE, Delft, The Netherlands

2004 **Structural Damage Assessment, Vulnerability & Retrofit** — Indian Institute of Science, Bangalore

2008–10 **Series of 6 World Bank Institute courses** — Disaster risk, urban safety, climate change, land-use planning

KEY INFRASTRUCTURE & CONSULTANCY EXPERIENCE

Team leader and/or principal consultant for design, structural analysis, and supervision of major national infrastructure projects, including:

- 24-storied Association of Universities, Bangladesh Building (Team Leader)
- Seismic hazard analysis for Ruppur Nuclear Power Plant site
- Design check of Shadhinota Stamba (Freedom Tower)
- 20-storied Radisson Blue, Chittagong
- 14-storied EBL Head Office Building
- 15-storied Yunus Building, Chittagong
- Bangabandhu Novo Theatre
- Major telecommunication tower projects (multiple organizations)
- BAU Panel System — design and construction manual

PERSONAL INFORMATION

Citizenship: Bangladeshi **Passport:** Valid **Driving License:** Yes