

# Curriculum Vitae

## Munaz Ahmed Noor, Ph.D. Pro-Vice-Chancellor, National University

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Deputed to National University as Pro-Vice-Chancellor



An innovative and driven leader, focused on achieving exceptional results in highly competitive environment that demands continuous improvement. Person of high integrity known for ability to envision and implement with expertise. Committed to OIC and its goals and programs with steadfast enthusiasm.

### Personal Information

Born	October 26, 1970 at Dhaka (Bangladesh)	Citizenship	Bangladeshi
Additional Address	Pro-Vice-Chancellor, National University, Gazipur-1704, Bangladesh	Driving License	Yes
Web	<a href="http://www.munaz.info">http://www.munaz.info</a>	LinkedIn	<a href="https://www.linkedin.com/in/munaznoor">https://www.linkedin.com/in/munaznoor</a>

### Competencies and Skills

#### Leadership, Planning and Organization skills

- 2013–to date **Pro-Vice-Chancellor, National University, Gazipur-1704, Bangladesh.**
- Plays a key role in the different administrative, academic and financial decision making processes.
  - Was acting Vice-Chancellor in the absence of the Vice-Chancellor.
  - Personally directed and inspired staff to successfully implement following university development projects as Pro-Vice-Chancellor.
- 1. ICT based Teaching Learning System.**  
This project will connect 2154 colleges of NU and will introduce ICT based teaching learning system in college level.
  - 2. Development of Integrated Software.**  
This integrated software will make the university paperless and green. It will also make the university digital and ICT based.
  - 3. Prepared academic calendar till 2018.**  
To make the university session jam free, pioneered the implementation of an advanced academic calendar which is prepared using scientific method.

4. **Upgraded Curriculum for all the subjects.**  
To improve quality of education curriculum for all the subjects of the university have been upgraded to meet the world class.
  5. **All admission processes through online.**  
All admission processes of the National University are being done using online platform to make it transparent and strictly merit based.
  6. **Digitally signed admit and registration card.**  
Registration and admit card of the 2.1 million students are being given with digital signature.
  7. **Online base script management system.**  
Highly innovative system which will replace the OMR based examination system.
- 2011–2014 **Syndicate Member, Independent University, Bangladesh, Dhaka.**  
Takes part in various administrative and financial decision making processes. Also participates in faculty and administrative officer recruitment.
- Member **Digital Bangladesh Task Force, Prime Minister’s Office, Dhaka, GoB.**  
Involved in planning and guiding Bangladesh’s vision to become a digital Bangladesh by 2021. Advocate of creating a separate Railway ministry and ICT ministry.
- 2011–2013 **Director, BUET-Japan Institute for Disaster Prevention and Urban Safety, BUET.**  
Led the implementation, monitoring and evaluation of the project. Managed and directed the institute to becoming a center of excellence in the area of disaster management and urban safety research. Worked with Japanese counterpart for financial and research work coordination.
- 2010–2011 **Advisor, Estate and General, Vice-Chancellor’s Office, BUET, Dhaka.**  
Managed estate and legal matters of BUET on behalf of Vice-Chancellor.
- Project Manager **Bangladesh Network Office for Urban Safety, (BNUS), Dhaka.**  
Credited with creating earthquake and urban safety related awareness at community level. Led research and management teams since 2005.
- System Analyst **Institute for information and communication technology, (IICT), BUET, Dhaka.**  
Responsible for information and communication system and coordinating different ICT related short courses.
- Member Secretary **Jury Board, Green Built Bangladesh, Holcim, Bangladesh.**  
Prepared concept paper, plan and implement the project. Evaluated the competing large green infrastructure projects.
- Advisor **Table Tennis and Badminton, BUET, Bangladesh.**  
Inspire students to extracurricular activities and manage the club for BUET students.
- Moderator **Bondhon, BUET, Bangladesh.**  
Moderated the club of young students who are willing to donate blood for greater cause.

## **Negotiation skills**

- Pro-Vice-Chancellor As Pro-Vice-Chancellor negotiating with World Bank and ADB to receive fund for “College Development Project” and “Teacher Quality Improvement Project II”, respectively.
- Member **Negotiating team, Civil Construction, Ruppur Nuclear Power Plant project.**  
Strong contribution in international level negotiation with Russian counterpart for reaffirming the proposed site for the project.
- Member **Expert committee to assess the impact of Tipaimukh Dam, MoWR, GoB.**  
Responsible for assessing the design of proposed dam at Tipaimukh. Has been successful in withholding the project for the greater interest of Bangladesh.

Vice- **Civil Engineering Divisional Committee, BSTI, MoInd, GoB.**  
Chairman Responsible for preparing codes for different infrastructure related materials. This requires high level negotiating skills as different stakeholders from different industries have representation in the committee.

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## Flexibility and Capacity to focus on priorities

As a Pro-Vice-Chancellor of National University addressed the priority sector development needed to make the university session jam free and ICT based. Currently implementing several projects related to the aforementioned.

Led several critical committees related to regulation of university matters which required highest flexibility to converge to any decision. In the end successfully upgraded a number of academic, administrative, financial and affiliation related regulations.

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## Research

Experience in leading a large team of students and administrative officials, responsible for performing research and financial matters of the project, submitting final research report and project completion report to respective funding organization in time and collecting fund and negotiating with the funding agencies.

Title *Simplified soil-structure interaction method for buried pipe design*  
Support Committee for Advanced Studies and Research (CASR), BUET  
organization

Title *Seismic Assessment of Existing Buildings of Bangladesh*  
Support University Grants Commission  
organization

Title *Seismic Assessment of Existing Engineered Structures of Bangladesh and Proposals for Code Provisions*  
Support Committee for Advanced Studies and Research (CASR), BUET  
organization

Title *Development of Earthquake and Tsunami Preparedness Program in Cox's Bazar Area*  
Support United Nation Office for Project Service  
organization

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## Contribution in infrastructure projects

Team leader/member in designing, detailing, supervising and timely finishing of different small, medium and large infrastructure projects. These positions are highly stressful and required meeting tight schedule. Selected project names are given below.

- Team Leader for constructing 24 storied Association of University, Bangladesh Building
- Team Leader for preparing National University 50 yrs. Master Plan
- Design check of Shadhinota Stamba (Freedom Tower)
- Bangabandhu Novo Theater
- Large telecommunication tower projects of different organizations
- Project evaluation of High Tech park project
- Seismic hazard analysis for Ruppur Nuclear Power Plant site
- 20 storied Radisson Blue project at Chittagong

- 14 storied EBL Head office building
- 15 storied Yunus Building at Chittagong
- Preparing design and construction Manual for BAU panel system

## Computer Skills

Languages C, C++, SQL,  $\LaTeX$ , ForTran 95, Visual Basic  
 Platforms Unix, Linux, Windows Database MySQL, MSSQL  
 Tools Matlab, Office Suite, Photoshop, Gimp, AutoCad, ANSYS 10, Etabs, SAP

## Practical training/short courses attended

- Jan 2010–Feb 2010 **Training Course on “Community-based Disaster Risk Management”**, *World Bank Institute*, Earthquake and Megacities Initiative, Philippines.
- Nov 2009–Dec 2009 **“Joint ICTP/IAEA Advanced Workshop on Earthquake Engineering for Nuclear Facilities”**, *IAEA*, and The Abdus Salam International Centre for Theoretical Physics, Italy.
- Nov 2009–Dec 2009 **Training Course on “Financial Strategies for Managing the Economic Impacts of Natural Disaster”**, *World Bank Institute*, Earthquake and Megacities Initiative, Philippines.
- Oct 2009–Oct 2009 **Training Course on “Damage and Reconstruction Needs Assessment”**, *World Bank Institute*, Earthquake and Megacities Initiative, Philippines.
- Aug 2009–Sep 2009 **Training Course on “Earthquake Risk Reduction”**, *World Bank Institute*, Earthquake and Megacities Initiative, Philippines.
- Jul 2009–Aug 2009 **Training Course on “Safe Cities”**, *World Bank Institute*, Earthquake and Megacities Initiative, Philippines.
- Jun 2009–Jul 2009 **Training Course on “Climate Change and Disaster Risk”**, *World Bank Institute*, Earthquake and Megacities Initiative, Philippines.
- Mar 2009–Apr 2009 **Training Course on “Urban Risk Reduction with Land Use Planning”**, *World Bank Institute*, Earthquake and Megacities Initiative, Philippines.
- Oct 2008–Nov 2008 **Training Course on “Comprehensive Disaster Risk Management Framework (CDRMF)”**, *World Bank Institute*, Earthquake and Megacities Initiative, Philippines.
- Jul 2007–Oct 2007 **Training Course on “Natural Disaster Mitigation”**, *JICA*, NIED, Tsukuba, Japan.
- May 2005–Jun 2005 **Short course on “Private Public Partnerships, (PPP)”**, *UNESCO-IHE*, Delft, The Netherlands.
- Jul 2004 **Short course on “Structural Damage Assessment Vulnerability and Retrofit”**, *Indian Institute of Science*, Bangalore, India.

## Work Experience

More than 19 years of experience in tertiary education

- April 2013– Present **Pro-Vice-Chancellor**, *National University*, Gazipur, Bangladesh.
- Nov 2009– Present **Professor**, *Department of Civil Engineering, BUET*, Dhaka, Bangladesh.  
Pursuing undergraduate and postgraduate teaching and research. Working as consultant and providing testing services in different levels. Undertaking assigned departmental and university level administrative duties.
- Nov 2004– Nov 2009 **Associate Professor**, *Department of Civil Engineering, BUET*, Dhaka, Bangladesh.  
Undergraduate and postgraduate teaching and research. Worked as consultant and provided testing services in different levels. Undertook assigned departmental and university level administrative duties.
- Nov 2000– Nov 2004 **Assistant Professor**, *Department of Civil Engineering, BUET*, Dhaka, Bangladesh.  
Undergraduate and postgraduate teaching and research. Worked as consultant and provided testing services in different levels. Undertook administrative job at department level.
- Sept 1995– Oct 2000 **Lecturer**, *Department of Civil Engineering, BUET*, Dhaka, Bangladesh.  
Undergraduate teaching only.

## Education

- 1997–2000 **Ph.D.**, *The University of Tokyo, Tokyo, Japan, All (11 courses) “A”*, Civil Engineering.
- 1995–1997 **M.Sc.**, *BUET, Dhaka, Bangladesh, 3.94, 1<sup>st</sup> Class 1<sup>st</sup>*, Civil and Structural Engineering.
- 1989–1995 **B.Sc.**, *BUET, Dhaka, Bangladesh, 1<sup>st</sup> Class 1<sup>st</sup> with honors*, Civil Engineering.
- 1986–1988 **H.Sc.**, *FCC, Chittagong, Bangladesh, Stood 1<sup>st</sup> in Combined merit*, Science.

## Language Skill

Self-assessment European level CEFR (C2 maximum evaluation)

		<b>Understanding</b>		<b>Speaking</b>		<b>Writing</b>
		Listening	Reading	Interaction	Production	
Bangla	<b>Mother Tongue</b>	<i>C2</i>	<i>C2</i>	<i>C2</i>	<i>C2</i>	<i>C2</i>
English	<b>First Language</b>	<i>C2</i>	<i>C2</i>	<i>C2</i>	<i>C2</i>	<i>C2</i>
Arabic	<b>Basic</b>	–	<i>C2</i>	–	–	<i>C1</i>
Japanese	<b>Basic</b>	<i>A2</i>	<i>B1</i>	<i>B1</i>	–	<i>A1</i>

## Professional Body Involvement

- Present **Vice President**, *Alternative and sustainable energy foundation*, Bangladesh, Dhaka.  
Arranged and participated in talk shows in different private media about energy and climate related issues.
- Present **Vice President**, *Bangladesh Earthquake Society*, Dhaka.

- 2011-12 **Vice Chairman**, *Civil Engineering Divisional Committee*, Institution of Engineers, Bangladesh, Dhaka.  
During this tenure this division received the best division under my successful leadership, from Honorable Prime Minister. Successfully organized 4th international seminar and civil engineering congress for the first time.
- 2009-12 **General Secretary**, *Bangladesh Earthquake Society*, Dhaka.  
Organized and managed financial matters of two Annual Paper meets.
- 2009-10 **Central Council Member**, *Head Quarter*, Institution of Engineers, Bangladesh, Dhaka.
- 2009-10 **Office Secretary**, *Old Faujians Association*, Central Governing Body.  
Managing office and finance related matters of the organization. Successfully arranged 50 years of faujdarhat cadet college.
- Board Member**, *The Asia-Pacific Association for Public Safety Science and Technology*, Asia-Pacific region.

### Membership/Fellowship of professional bodies

- Member, Civil Sponsor's organization, Defense services command and staff college, Bangladesh Armed forces
- **Fellow**, IEB (Institute of Engineers, Bangladesh)
- **Former Associate Member**, ASCE
- **Life Member**, BES (Bangladesh Earthquake Society)
- **Former Member**, JSCE
- **Member**, BSGE (Bangladesh Society of Geotechnical Engineering)
- **Former Member**, ACI
- **Member**, International Society for Soil Mechanics and Geotechnical Engineering (ISSMGE)
- **Former Member**, JCI
- **Charter Member**, SEI (Structural Engineering Institute), ASCE

### Publications

#### Books

- Title **Construction Workplace Safety Health and Welfare: A Guide to Bangladesh Law for Developers Owners and Contractors**, ISBN: 978-984-33-7340-3  
Publisher Safety and Rights Society, 2013
- Title **Designing With Grade 500 Steel**, ISBN: 978-984-506-505-9  
Publisher University Press Limited, 2010
- Title **Earthquake Resistant Design Manual**, ISBN: 984-080-210-0  
Publisher Academic press and publishers Library, 2006

#### Chapter Contribution in Published Books

- Title **Climate Change And Growth In Asia**, ISBN: 978 1 84844 245 0  
Publisher Edward Elgar Publishing, US, 2010

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## Journal Editor

Chairman, Journal of Science, National University  
Editorial  
board

Member, Engineering News, Institution of Engineers, Bangladesh  
Editorial  
board

Editor Journal of Institution of Engineers Multidisciplinary, Bangladesh, ISSN: 0379-4318

Associate Editor Journal of Institution of Engineers Multidisciplinary, Bangladesh, ISSN: 0379-4318

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## Magazine Editor

Chairman, Somachar, Quarterly News Letter published by National University  
Editorial  
board

Editor Beyond Building, Monthly Magazine

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## Papers

70 International and National Journal and Conference publications

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### Professional awards/honors received

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-JICA Scholarship for pursuing Disaster Risk Mitigation course at Tsukuba, Japan, 2007

-Nuffic Scholarship for pursuing Public Private Partnership (PPP) course in IHE, The Netherlands, 2005

-Received IEB Award for the Best Paper in 2001 and 2011, by Institute of Engineers, Bangladesh.

-ADB/JSP Scholarship during 1997–2000 from Asian Development Bank to pursue higher studies in Japan.

-Sarfuddin Gold Medal for achieving first position in M. Sc. (Civil and Structural) examination.

-Malek Akram Hossain Gold Medal for achieving first position in B.Sc. (Civil) examination.

-Chancellor award for achieving first in Higher secondary school certificate exam in Comilla board.

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### Extra

2000-Present *21 M. Sc. Theses supervised*

Currently *5 M. Sc. Theses are ongoing*

Currently *2 Ph. D. Theses are ongoing*