CONTACT

Director
Directorate of Continuing Education (DCE)
BUET, Dhaka-1000
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PABX: 02 55167228-57 ext. 7848, 7452
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Email: info@dce.buet.ac.bd

***BUET weekly holidays are Thursday & Friday.**

About DCE

DCE established in **1995 at BUET**, a platform for decentralized and adaptive learning to bridge the gap between Professionals and Academicians, promotes pedagogical development with a combined experience of Academicians and Professionals and offers distance training opportunities. So far, **241** short courses/training workshops have been offered to serve more than **11,500** professionals.

SHORT COURSE OUTCOMES

At the end of the short course, participants will be able to :

- Apply BNBC 2020 for foundation and structure design
- Contribute to the society in sustainable and earthquake resilient infrastructure development

RESOURCE PERSON

Professional experts will conduct the session.

Professor Dr. K. M. Amanat
Professor Dr. Tahsin Reza Hossain
Professor Dr. Md. Jahangir Alam
Professor Dr. Raquib Ahsan

For details, please visit: https://dce.buet.ac.bd/

DURATION

31 October & 01 November 2025
(Friday & Saturday)

LANGUAGE

English and Bangla

CERTIFICATE

A certificate of attendance will be provided.

Short Course on

Foundation and Structure Design using BNBC 2020

31 October & 01 November 2025
BUET, Dhaka

Organized by
Directorate of Continuing Education (DCE)
Bangladesh University of Engineering and Technology
Dhaka-1000

For Registration, Please Scan the QR code below

The Foundation and Structural Design using BNBC 2020 course is especially valuable for civil engineers in Bangladesh because it aligns modern engineering practices with the updated national safety standards. BNBC 2020 introduces more rigorous approaches to earthquake and wind load calculations, seismic detailing, and foundation design—essential for constructing buildings that can withstand natural forces and meet legal compliance.

By mastering this code, engineers reduce the risk of structural failure, ensure public safety, and contribute to sustainable urban development. The short course on Foundation and Structural Design using BNBC 2020 provides a comprehensive and practical introduction to the principles of designing earthquake-resistant and wind-resilient structures in accordance with Bangladesh National Building Code (BNBC) 2020.

This course serves as a bridge between theoretical knowledge and field-ready skills, empowering professionals to design safer, smarter, and more resilient infrastructure. This course bridges academic theory and industry practice, enabling engineers to confidently apply BNBC 2020 in structural design projects across Bangladesh.

WHO SHOULD ATTEND?

This short course is designed for anyone who has an involvement/ interest with foundation and structural design. The following participants will get the most benefit from attending this short course:

- Entrepreneurs, CEOs of small, medium, and large organizations
- Level 4 or 4th-year student of bachelor's in civil engineering
- Design Engineer / Site Engineer / Construction Engineer
- Leaders who lead the construction project.
- Managers/ Team Leaders, Change Managers.
- Interested person to learn foundation and structural design

PROGRAM OVERVIEW

Contents of the workshop are:

- Foundation Design using BNBC 2020
- RCC Structure Design using BNBC 2020
- Steel Structure Design using BNBC 2020
- Seismic Detailing of RCC Structure as per BNBC 2020

VENUE

Directorate of Continuing Education (DCE), 3rd Floor, Institute Building, BUET, Polashi, Dhaka-1000. (**Near Dr. M A Rashid Student Hall, BUET and BUET Gymnasium**)

REGISTRATION FEE

BDT **12,000/-** per Person (Tk. Twelve Thousand Only)
The fee will cover Printed lecture instructions, workshop kits, Printed comprehensive materials, refreshments, certificate etc.

PAYMENT PROCEDURE

Registration Fee is to be paid in advance payable through
1. Pay Order/Demand Draft (DD) in favor of **Director, BRTC, BUET** OR
2. Electronically deposited at -
Savings Account No. **- 4404034173888**
Routing Number **- 200270522**
Account Name: **- Director, Directorate of Continuing Education(DCE)**
Sonali Bank Ltd.,
BUET Branch, Dhaka

Seats are limited and the selection procedure will be First Come First Serve basis.

REGISTRATION FORM

Short Course On

Foundation and Structure Design using BNBC 2020

DCE, BUET

Please complete the registration form in BLOCK LETTERS and return it to the address overleaf.

Name: .....

Affiliation: .....

Company Name: .....

Address: .....

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Cell Phone: .....

Email: .....

Payment:

- Pay Order/ Demand Draft (DD)
- Online Banking

Please attach the original copy of payment.

Details of Pay Oder/Demand Draft:----------

Signature: .....

Date: .....

Short Course on
Foundation and Structure Design using BNBC 2020

Organized by: DCE, BUET

31 October & 01 November, 2025

Program Schedule(Tentative)

Date	Time	Event/Topic and Resource Person	
31.10.2025 (Friday)	08:30 AM- 9:00 AM	**Registration**	
	9:00 AM- 10:30 AM	Lecture 1: **Foundation Design using BNBC 2020**	**Professor Dr. Md. Jahangir Alam Professor, CE, BUET**
	10:30 AM- 11:00 AM	**Tea Break**	
	11:00 AM- 12:30 PM	Lecture 1: **Foundation Design using BNBC 2020**	**Professor Dr. Md. Jahangir Alam Professor, CE, BUET**
	12:30 PM- 02:30 PM	**Prayer and Lunch Break**	
	2:30 PM- 4:00 PM	Lecture 2: **RCC Structure Design using BNBC 2020**	**Professor Dr. Raquib Ahsan Professor, CE, BUET**
	4:00 PM- 4:15 PM	**Prayer and Tea Break**	
	4:15 PM- 5:45 PM	Lecture 2: **RCC Structure Design using BNBC 2020**	**Professor Dr. Raquib Ahsan Professor, CE, BUET**
01.11.2025 (Saturday)	9:00 AM- 10:30 AM	Lecture 3: **Steel Structure Design using BNBC 2020**	**Professor Dr. K. M. Amanat Professor, CE, BUET**
	10:30 AM- 11:00 AM	**Tea Break**	
	11:00 AM- 12:30 PM	Lecture 3: **Steel Structure Design using BNBC 2020**	**Professor Dr. K. M. Amanat Professor, CE, BUET**
	12:30 PM - 2:00 PM	**Prayer and Lunch Break**	
	2:00 PM- 4:00 PM	Lecture 4: **Seismic Detailing of RCC Structure as per BNBC 2020**	**Professor Dr. Tahsin Reza Hossain Professor, CE, BUET**
	4:00 PM - 4:30 PM	**Prayer and Tea Break**	
	04:30 PM - 05:30 PM	Lecture 4: **Seismic Detailing of RCC Structure as per BNBC 2020**	**Professor Dr. Tahsin Reza Hossain Professor, CE, BUET**
	6:00 PM	**Certificate Award Ceremony**	