Capsule Course on National Building Code of India 2016

"_Accessibility in Buildings and Built Environment_"
28 – 29 February, 2024

BUREAU OF INDIAN STANDARDS

Ministry of Consumer Affairs, Food & Public Distribution
Government of India

National Building Code of India 2016 (NBC 2016) *is a prestigious publication of Bureau of Indian Standards (BIS) which is widely used by the various stakeholders, such as building regulatory departments, government construction departments, builders/developers, private construction agencies/contractors, building material manufacturers and suppliers, building professionals (like civil engineers, structural engineers, architects, urban designers, landscape architects, town planners and building services engineers) and consultants, academic institutions and R&D organizations.*

NBC 2016 is intended to help regulate and guide the building construction activity in the whole of the country, particularly the municipal corporations, municipalities, development authorities and other local bodies, public works departments and other construction departments and agencies dealing with land development and building construction. NBC 2016 thus serves as a model for adoption by PWDs and other construction departments, local bodies and other construction agencies. The Code focuses on functionality, accessibility, sustainability and safety covering structural safety, fire safety, health safety and public safety. The Code covers aspects such as administration; development control rules; general building requirements; fire and life safety; selection of building materials; structural design using various material streams; construction project management, practices and safety; various building and plumbing services; sustainability in buildings and built environment; and asset and facility management.

The country is on the path of rapid urbanization and development. Considering the importance of the Code in ensuring quality and safety of the buildings and related infrastructure, it is important that various stakeholders contributing to building planning, design, construction and operation and maintenance are well aware of the provisions of NBC 2016 for judicious implementation of the provisions and intent of the Code. ***Bureau of Indian Standards (BIS),*** *being the National Standards Body of the country through its training arm, the* ***National Institute of Training for Standardization (NITS)*** *has designed the following short-term courses on NBC 2016 for national capacity building:*

1. ***Accessibility in Buildings and Built Environment;***
2. ***Fire and Life Safety;***
3. ***Structural Design;***
4. ***Soil and Foundation Engineering;***
5. ***Air Conditioning, Heating and Mechanical Ventilation; and***
6. ***Plumbing Services.***

Learning Objectives

- *Bridging the competence gap in the skills of personnel currently involved & working with the municipal corporations, municipalities, development authorities, public works departments and other construction agencies, builders/developers, building professionals, etc. involved in land development and building construction activities.*
- *Making participants skilled enough to be achieving proficiency in building design and construction including matters relating to quality, safety and accessibility.*

Who should attend?

- *All those concerned with city planning, building regulation, and planning, design, construction and maintenance of buildings and built assets and facilities.*

Course Schedule & Duration

- *The Course is of 2 days duration scheduled during **28 – 29 February, 2024** at **NITS, Noida**.*

Fees

- *Rs. 1,500/- for 2-day Course**

*Plus applicable GST

How to Apply?

- *Application has to be made through BIS Training Portal through the following link **www.manakonline.in** or through emailing filled up application form to **nits@bis.gov.in**.*

Criteria for Selection and Batch Size

- *Batch size – 40*
- *Selection on First come First serve basis*

Certification

- *Certificate of participation on completion of the course.*

Venue

- *The course will be run by NITS, Noida. Hostel facilities at NITS, Noida can be availed on payment basis.*

Training Module

Training Module on National Building Code of India 2016 – Accessibility in Buildings and Built Environment	
DAY 1 (28 February 2024)	
10:00 h - 11:30 h	***Introduction*** • *Accessibility and Govt. of India Campaign* ***Awareness Raising*** • *Understanding Diverse Access Needs* • *Understanding Attitudinal and Physical Barriers* • *Disability Etiquettes and Language*
11:30 h - 11:45 h	***Tea Break***
11:45 h - 13:15 h	***Access for All – Legal and Policy Framework*** • *Constitution of India* • *The Rights of Persons with Disabilities Act 2016* • *National Policy* • *UN Convention on the Rights of Persons with Disabilities*
13:15 h - 14:15 h	***Lunch Break***
14:15 h - 15:45 h	***Introduction to National Building Code of India 2016, Applicability, Scope, Terminology*** ***Universal Design*** • *Concept of Universal Design* • *Impact of various Disabilities on Architecture/Design;* ***Anthropometrics*** • *Common Barriers and Space Standards based on User's Perspective*
15:45 h - 16:00 h	***Tea Break***
16:00 h - 17:30 h	***Accessible Parking*** • *Accessible Parking Specifications* • *Designing Drop-off points* ***Approach to the building & Building Entrances*** • *Pathways/Access Aisles* • *Design Considerations – Entrance Doors, Door Hardware*
DAY 2 (29 February 2024)	
10:00 h - 11:30 h	***Internal Circulation – Universal Design Considerations*** • *Reception Counters, Circulation Spaces, Flooring, etc.* ***Level Changes/ Vertical circulation*** • *Stairs and Ramp Designs* • *Handrails on Ramps/Stairs Access* ***Elevators/Lifts - Design Considerations***
11:30 h - 11:45 h	***Tea Break***
11:45 h - 13:15 h	***Sanitary Facilities*** • *Unisex Toilet Design Considerations* • *Urinals for Ambulant Disabled and Wheelchair Users* • *Toilets for Ambulant Disabled Users* • *Bathrooms, Changing Rooms, etc.*
13:15 h - 14:15 h	***Lunch Break***
14:15 h - 15:45 h	***TGSIs****- Way Finding and TGSIs* ***Signage*** *- Importance of Universal Signage, its Types, Standard Specifications*
15:45 h - 16:00 h	***Tea Break***
16:00 h - 17:30 h	*Retrofitting in Existing Buildings*

CAPSULE COURSE ON NBC 2016 –
ACCESSIBILITY IN BUILDINGS & BUILT ENVIRONMENT
28 – 29 FEBRUARY, 2024 AT NITS, NOIDA

PROCEDURE

The Application has to be made through BIS "Training Portal" as explained below

VISIT the **E-BIS Website: www.manakonline.in**

CLICK on the **"Training"** Head

LOGIN by clicking on the blue "**LOGIN**" button on the top right corner

SIGNUP by clicking on "**SIGNUP**" on the Member Login Page if you are not a member otherwise **"SIGN IN"** using your credentials

FILL OUT all the fields and click on "**REGISTER**" and complete the registration process.

CHOOSE the course you want to apply for, fill in the required information and **"PAY"** the requisite fee.

For any further queries, you may contact:

Mohit Sharma
Course Coordinator
nits@bis.gov.in
Mobile: 8447267418

Nomination Form

Name of the Programme	
Date of the Programme	Venue:
Sponsoring Organization (**OR** In Individual Capacity) with complete Address	
Telephone /Mobile Number	
Organization/Firm GST No.	
Email ID	

Participants Details

Sl. No	Name (IN CAPITAL LETTERS)	Designation	Contact No.	Email
1.				
2.				
3.				
4.				
5.				

Will you stay in Hostel ?		If Yes, Please mention the date and time					
Yes	No	Arrival	Date	Time	Departure	Date	Time

Details of Payment (in Rupees)

Training Fees *	Hostel Charges *	GST ##	Discount, if any	Total amount

Mode of Payment

Name of Bank	UTR No. & Date of transaction # (for NEFT/Net banking/ IMPS/UPI payment)	Amount (in Rs.)

* For Training/hostel fees, see NITS Training Calendar at BIS website www.bis.gov.in. **(Stay in hostel is charged on Night stay basis).**

\# For payments by **NEFT**, Payment should be made to **Bureau of Indian Standards, Savings A/c No. 712210100000650, Bank of India, Sec-62 Noida, Branch Code 7122, IFSC Code BKID0007122.**

NITS GST No. 09AAATB0431G2Z8 , SAC Code: 999294 Applicable GST@ 18% on Training fee and Hostel fee.

Date: _____   Signature and Seal_____

The nomination form should preferably be scanned and e-mailed to nits@bis.gov.in , hnits@bis.gov.in. and reach NITS at least one week before the progaramme date. For sending hard copy may be addressed to:

Head , National Institute of Training for Standardization (NITS), Bureau of Indian Standards,

A – 20 & 21, Institutional Area, Sector – 62, NOIDA - 201309, U.P.

Phones: 0120 – 4670227 , 4670232, Email: nits@bis.gov.in , hnits@bis.gov.in,_ Website: http://www.bis.gov.in

Important :
1. Participants are requested to get the confirmation from NITS, whether, nomination has been accepted or not **before attending the programme.**
2. Rules for Refund of Training & Hostel Fees :
a) A refund of full fees shall be made when cancellation/withdrawal of nomination is made **at least 15 days** in advance of the date of the training.
b) Cancellation/withdrawal of nomination is made **less than 15 days** in advance of the date of the training programme or is not informed, a **cancellation charge of 25%** of the training fees would be levied. The balance amount after deducting the cancellation charges would be returned.
c) Hostel fees if any, paid in advance shall be returned in full.

राष्ट्रीय मानकीकरण प्रशिक्षण संस्थान
National Institute of Training for Standardization

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Reach Us

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