



***Capsule Course on  
Construction Project Management***

***04 July 2024***



**BUREAU OF INDIAN STANDARDS**

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

A construction project is an endeavour undertaken by a project team on behalf of owner/client to create a built facility suited to the defined functional objectives. From inception to commissioning, the project goes through various distinct stages leading to progressive achievement of project objectives. Each stage involves specific inputs, processes (both technical and managerial) and deliverables. Typically, the life cycle of a project from commencement to completion involves the Project Appraisal, Project Development, Planning for Construction, Tender Action, Construction, Commissioning and Handing Over.

The distinct features of a construction project include the temporary nature of the organizations involved, the evolutionary process of project deliverables during project development stages and the unique output of the built facility. As a result of these features, unless there is efficient and effective project management, a construction project is faced with challenges of uncertainties leading to time over-runs, cost over-runs, changes in project parameters, loss of quality and inability to meet the functional objectives. **While technical soundness of a proposal is an important aspect of a construction project, the management aspects, which involve techno-legal, financial and other issues, have also a significant role in the success of a project. Therefore, management functions and technical processes in a construction project need to be integrated towards achieving project objectives.** The project objectives are further better met by adopting Lean Construction practices that focus on improving flow, productivity, and reducing waste and delays in construction.

**To provide necessary guidance on effective construction project management, a series of standards have been developed by the Bureau of Indian Standards, which are listed below:**

IS 15883	Construction Project Management – Guidelines
Part 1 : 2009	General
Part 2 : 2013	Time management
Part 3 : 2015	Cost management
Part 4 : 2015	Quality management
Part 5 : 2013	Health and safety management
Part 6 : 2015	Scope management
Part 7 : 2021	Procurement management
Part 8 : 2015	Risk management
Part 9 : 2018	Communication management
Part 10 : 2020	Human resource management
Part 11 : 2021	Sustainability management
Part 12 : 2016	Integration management

The Capsule Course on Construction Project Management gives an insight into all of these aspects of Construction Project Management including the following related standards and aspects:

- a) IS 16416 : 2016 'Construction Project Management: Project Formulation and Appraisal – Guidelines' and Preparation of Detailed Project Report and Bill of Quantities; and
- b) Lean construction practices.

## Learning Objectives

- Making participants skilled enough to be achieving proficiency in the various functions of Construction Project Management, while offering several key benefits, such as:
  - Enhanced Project Planning and Scheduling
  - Cost Control and Budget Management
  - Timely Project Delivery
  - Quality Assurance and Compliance
  - Improved Risk Management
  - Stakeholder Communication and Satisfaction
  - Sustainable and Environmentally Friendly Construction Practices

## Who should attend?

- All those concerned with private and government construction agencies, Builders/Developers, Building Professionals, etc.

## Course Schedule & Duration

- The Workshop is of 1 day duration scheduled on **04 July, 2024** at **NITS, Noida**.

## Fees

- Rs. 1,000/- for 1-day\* (plus 18 % GST)

\* No training fees for Government officials (Central/States/UTs) officially nominated by the Head of their Department/Organization.

## How to Apply?

- Application has to be made through BIS Training Portal through the following link **[www.manakonline.in](http://www.manakonline.in)** or through emailing filled up nomination form to **[nits@bis.gov.in](mailto: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 National Institute of Training For Standardization, Noida at its campus at:  
**A-20&21, Institutional Area, Sector 62, Noida 201309 (UTTAR PRADESH)**

## ***Training Module***

### ***Module for Capsule Course on Construction Project Management - 04 July 2024***

<b><i>Time</i></b>	<b><i>Topic</i></b>
<b><i>10:00 h - 11:30 h</i></b>	<b><i>General Guidelines and various functions of Construction Project Management</i></b>
<b><i>11:30 h - 11:45 h</i></b>	<b><i>Tea Break</i></b>
<b><i>11:45 h - 13:15 h</i></b>	<b><i>General Guidelines and various functions of Construction Project Management (contd.)</i></b>
<b><i>13:15 h - 14:15 h</i></b>	<b><i>Lunch Break</i></b>
<b><i>14:15 h - 15:45 h</i></b>	<b><i>Project Formulation and Appraisal including preparation of Detailed Project Report and Bill of Quantities</i></b>
<b><i>15:45 h - 16:00 h</i></b>	<b><i>Tea Break</i></b>
<b><i>16:00 h - 17:30 h</i></b>	<b><i>Lean Construction Practices</i></b>



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

**CAPSULE COURSE ON CONSTRUCTION PROJECT MANAGEMENT  
04 JULY, 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](http://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:

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राष्ट्रीय मानकीकरण प्रशिक्षण संस्थान  
National Institute of Training for Standardization



## Reach Us

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