

# CIDC Construction Webinar Series



**Construction Industry Development Council (CIDC)**

Established by

The Planning Commission (Government of India) and the Construction Industry

801, Hemkunt Chambers, 89, Nehru Place,

New Delhi - 110 019

## **About CIDC**

The Construction Industry Development Council was established in 1996 by the Planning Commission, Government of India along with Construction Industry, to shape up the Indian Construction Industry. CIDC has amongst its 117 members from various Ministries, Government Departments, PSUs, Construction Companies, Financial Institutions, Educational and R&D Institutions. During this period CIDC has taken up several important projects related to the issues, vital to the Construction Industry

## **About Construction Webinar Series**

Problems of rising costs, shortage of skilled manpower and difficulties in maintaining standards of workmanship are vitally affecting the construction Industry at this point in time. Considerable gains in productivity and standards of achievement can be obtained from improved attention of executing and supervising engineers in above matters. Construction Webinar Series aims at empowering the industry entrants and practicing professionals with some of the important functions of execution & supervision for the identified competency streams to enable trained candidates meeting the project demands efficiently.

For a successful completion, construction projects require a cadre of execution persons, those who can assist the constructor in the execution and supervision activities. These persons should be knowledgeable of the essentials of identified activities and can control the execution activities in an optimum manner with lesser errors and better outputs. They should be able to translate the planned project or the specific work components from drawing board to ground, and address the jobsite safety, quality, or productivity issues while executing and supervising the works efficiently. Knowledge base of such persons should permit them to identify any incorrect technical decision or action or inappropriate material so that proper work in accordance with the specifications could be executed.

The series comprises of 45 lectures from the identified 15 streams. These could be joined by entry level professionals. Practicing professionals could select streams of interests to develop basic understanding of underlying principles as well.

## **Program Details**

The program is designed for Industry entrants and working professionals desirous of enhancing their proficiencies through structured training. It is built on a modular system to be delivered through specific webinars of one and a half hours duration each. Participation in each webinar shall entail 3 CPD credit hours.

## **Details of Standard Modules**

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Based on the industry work requirements fifteen different proficiency streams have been identified in the current phase of program. Currently three topics of interest have been identified taking the total number of topics to 45, with each to be delivered through a separate webinar. Each webinar is standalone and by undergoing it, the trainee will get educated in the chosen proficiency. The following list describes various proficiency streams and topics therein.

#### **1. Safety Webinar Series**

- a) Introduction to Health and Safety in Construction
- b) Health and Safety in Welding and Allied Processes
- c) Construction Project Safety Management

#### **2 . Quality Webinar Series**

- a) Introduction to Construction Quality Management
- b) Quality Management in Construction Projects
- c) Quality Management through Construction Inspection

#### **3. Productivity Webinar Series**

- a) Introduction to Construction Productivity
- b) Managing Workers to Enhance Productivity
- c) Managing Equipment to Enhance Productivity

#### **4. Surveying Webinar Series**

- a) Introduction to Surveying for Construction Applications
- b) Drone Applications for construction Projects
- c) Construction Quantity Surveying

#### **5. Estimation Webinar Series**

- a) Introduction to Cost Estimation & Quantity Surveying
- b) Activity Based Costing for Construction
- c) Introduction to Cost Engineering

#### **6. Management Webinar Series**

- a) Construction Project Management
- b) CPM Scheduling for Construction
- c) Developing Work Breakdown Structures

#### **7. Contract Webinar Series**

- a) Introduction Construction Contracts
- b) Construction Contract Administration
- c) Financial Elements of Contract

#### **8. Design Webinar Series**

- a) Introduction to Design Engineering
- b) Design and Build Projects
- c) Engineering Design Planning and Management

### **9. Technology Webinar Series**

- a) Introduction to Trenchless Technology
- b) Smart Cities - Development and Management
- c) Building Information Modeling

### **10. Materials Webinar Series**

- a) Construction Materials
- b) Introduction to Construction Chemicals
- c) Construction Waste & Demolition Materials

### **11. Equipment Webinar Series**

- a) Construction Equipment
- b) Construction Equipment Management
- c) Estimating in Heavy Construction

### **12. Skill Webinar Series**

- a) Construction Site Management - General Works Supervision
- b) Construction Site Management - Camp Operations
- c) Construction Site Management - Field Operations

### **13. Structures Webinar Series**

- a) Monitoring Building Structures
- b) Composite Structures
- c) Cut & Cover Metro Structures

### **14. Legal Webinar Series**

- a) Dispute Resolution in Construction Industry
- b) Mediation and Conciliation Process
- c) Arbitration Process

### **15. Commercial Webinar Series**

- a) Introduction to Business Communications
- b) Introduction to Technical Communications
- c) Communication in Construction

## **Financial Details**

Fee for each webinar is Rs. 590/- (inclusive of GST)

## **Contact Details**

For registration please send an email at [cidc@cidc.in](mailto:cidc@cidc.in) or speak with us:

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# Construction Industry Development Council

## Webinar Calendar for the months of August-September 2020

Sl.	Date	Series Code	Series	Topic
1	8/1/2020	CIDCW01	Safety Webinar Series	Introduction to Health and Safety in Construction
2	8/4/2020	CIDCW02	Quality Webinar Series	Introduction to Construction Quality Management
3	8/5/2020	CIDCW03	Productivity Webinar Series	Introduction to Construction Productivity
4	5/6/2020	CIDCW04	Surveying Webinar Series	Introduction to Surveying for Construction Applications
5	8/7/2020	CIDCW05	Estimation Webinar Series	Introduction to Cost Estimation & Quantity Surveying
6	8/8/2020	CIDCW06	Management Webinar Series	Construction Project Management
7	8/10/2020	CIDCW07	Contract Webinar Series	Introduction Construction Contracts
8	8/11/2020	CIDCW08	Design Webinar Series	Introduction to Design Engineering
9	8/13/2020	CIDCW09	Technology Webinar Series	Introduction to Trenchless Technology
10	8/14/2020	CIDCW10	Materials Webinar Series	Construction Materials
11	8/17/2020	CIDCW11	Equipment Webinar Series	Construction Equipment
12	8/18/2020	CIDCW12	Skill Webinar Series	Construction Site Management - General Works Supervision
13	8/19/2020	CIDCW13	Structures Webinar Series	Monitoring Building Structures
14	8/20/2020	CIDCW14	Legal Webinar Series	Dispute Resolution in Construction Industry
15	8/21/2020	CIDCW15	Commercial Webinar Series	Introduction to Business Communications
16	8/24/2020	CIDCW01	Safety Webinar Series	Health and Safety in Welding and Allied Processes
17	8/25/2020	CIDCW02	Quality Webinar Series	Quality Management in Construction Projects
18	8/26/2020	CIDCW03	Productivity Webinar Series	Managing Workers to Enhance Productivity
19	8/27/2020	CIDCW04	Surveying Webinar Series	Drone Applications for construction Projects
20	8/28/2020	CIDCW05	Estimation Webinar Series	Activity Based Costing for Construction
21	9/1/2020	CIDCW06	Management Webinar Series	CPM Scheduling for Construction
22	9/2/2020	CIDCW07	Contract Webinar Series	Construction Contract Administration
23	9/3/2020	CIDCW08	Design Webinar Series	Design and Build Projects
24	9/4/2020	CIDCW09	Technology Webinar Series	Smart Cities - Development and Management
25	9/5/2020	CIDCW10	Materials Webinar Series	Introduction to Construction Chemicals
26	9/7/2020	CIDCW11	Equipment Webinar Series	Construction Equipment Management
27	9/8/2020	CIDCW12	Skill Webinar Series	Construction Site Management - Camp Operations
28	9/10/2020	CIDCW13	Structures Webinar Series	Composite Structures
29	9/11/2020	CIDCW14	Legal Webinar Series	Mediation and Conciliation Process
30	9/12/2020	CIDCW15	Commercial Webinar Series	Introduction to Technical Communications
31	9/14/2020	CIDCW01	Safety Webinar Series	Construction Project Safety Management
32	9/15/2020	CIDCW02	Quality Webinar Series	Quality Management through Construction Inspection
33	9/16/2020	CIDCW03	Productivity Webinar Series	Managing Equipment to Enhance Productivity
34	9/17/2020	CIDCW04	Surveying Webinar Series	Construction Quantity Surveying
35	9/18/2020	CIDCW05	Estimation Webinar Series	Introduction to Cost Engineering
36	9/19/2020	CIDCW06	Management Webinar Series	Developing Work Breakdown Structures
37	9/21/2020	CIDCW07	Contract Webinar Series	Financial Elements of Contract
38	9/22/2020	CIDCW08	Design Webinar Series	Engineering Design Planning and Management
39	9/23/2020	CIDCW09	Technology Webinar Series	Building Information Modeling
40	9/24/2020	CIDCW10	Materials Webinar Series	Construction Waste & Demolition Materials
41	9/25/2020	CIDCW11	Equipment Webinar Series	Estimating in Heavy Construction
42	9/26/2020	CIDCW12	Skill Webinar Series	Construction Site Management - Field Operations
43	9/28/2020	CIDCW13	Structures Webinar Series	Cut & Cover Metro Structures
44	9/29/2020	CIDCW14	Legal Webinar Series	Arbitration Process
45	9/30/2020	CIDCW15	Commercial Webinar Series	Communication in Construction