

CIDC Construction Webinar Series



Construction Industry Development Council (CIDC)
Established by
The Planning Commission (Government of India) and the
Construction Industry

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.

For entry level professionals all the 45 topics from the identified 15 streams are considered essential. Practicing professionals could select streams of interests to develop basic understanding of underlying principles.

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

Details of Standard Modules

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 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 |