

**Training – 2<sup>nd</sup> Batch (28.05.2026 to 29.05.2026)**

**Two Days Training Module for Junior & Mid-Level Engineers & Architects  
“Quality, Safety, Health, and Environment Aspects in Building Construction”**

**DAY – I : DATE: 28.05.2026 (THURSDAY)**

<b>TIME</b>	<b>TOPIC</b>	<b>TOPICS TO BE COVERED</b>	<b>RESOURCE PERSONS / DIGNITARIES</b>
9.30 AM – 10.15 AM	<b>Inaugural Session</b>	<ul style="list-style-type: none"> <li>• Registration</li> <li>• Opening/Initial / Inaugural /Objective/ Expectation, Overview of construction challenges/ Remarks of Training Program by Dir Training</li> <li>• Self-introduction of the trainee/Participants</li> <li>• Introduction by ED about IBC</li> <li>• Address by Chairman (Trg) /Chief Guest</li> <li>• Pre Assessment</li> </ul>	Dir(Training)/President, IBC /Founder President/ Honorary Secretary, IBC / Chairman, Training Committee / Executive Director, IBC
10.15 AM – 10.30 AM	<b>TEA BREAK</b>		
10.30 AM – 12.00 PM	<b><u>TOPIC – 1</u></b> <b>Construction Safety- Fundamentals</b>	<ul style="list-style-type: none"> <li>• Introduction to the safety during construction</li> <li>• Types of Hazards</li> <li>• Safety Procedures to avoid unprecedent Hazards</li> <li>• Contract Formulation , Risk assessment</li> </ul>	<b>Maj Gen K.T. Gajaria</b>
12.00 PM – 01.30 PM	<b><u>TOPIC – 2</u></b> <b>Construction Safety- Site Practices &amp; Health and Environment</b>	<ul style="list-style-type: none"> <li>• Introduction to the safety during construction</li> <li>• Types of Hazards</li> <li>• Contract implementation like                             <ul style="list-style-type: none"> <li>• Excavation safety, Scaffolding safety,</li> <li>• Lifting operations, Work at height</li> <li>• Confined space safety</li> <li>• Electrical safety, Machinery safety,</li> <li>• Fire safety,</li> <li>• Emergency preparedness</li> <li>• Occupational Health, Waste management etc</li> </ul> </li> </ul>	<b>Maj Gen K.T.Gajaria</b>
01.30 PM – 02.15 PM	<b>LUNCH BREAK</b>		
02.15 PM – 03.45 PM	<b><u>TOPIC – 3</u></b> <b>Quality Management in Construction Concrete &amp; Structure works</b>	<ul style="list-style-type: none"> <li>• Quality concepts, Quality planning, QA/QC procedures, Inspection &amp; testing, Documentation</li> <li>• Material quality control, Mix design, Batching, Placement &amp; compaction, Curing practices, Testing</li> <li>• Reinforcement works, Formwork systems, Structural tolerances, Structural inspections, Defect management,</li> </ul>	<b>Sh Mayank Tilak Former SDG CPWD</b>

		<ul style="list-style-type: none"> <li>• Case studies, Site challenges, Best practices</li> </ul>	
03.45 PM – 04.00 PM	<b>TEA BREAK</b>		
04.00 PM – 05.30 PM	<b>TOPIC – 4</b> <b>Quality in Finishing Items and other building aspects</b>	<ul style="list-style-type: none"> <li>• Excavation and Filling</li> <li>• Plaster and other Finishing work</li> <li>• Flooring Work etc</li> </ul>	<b>Sh Mayank Tilak</b> <b>Former SDG CPWD</b>

**DAY – 2 : DATE: 29.05.2026 (FRIDAY)**

<b>TIME</b>	<b>TOPIC</b>	<b>TOPICS TO BE COVERED</b>	<b>RESOURCE PERSONS / DIGNITARIES</b>
9.30 AM – 10.45 AM	<b>TOPIC – 5</b> <b>Plumbing &amp; Services</b>	<ul style="list-style-type: none"> <li>• Water supply systems, Drainage systems,</li> <li>• Firefighting systems,</li> <li>• Testing &amp; commissioning,</li> <li>• Common defects</li> </ul>	<b>Sh M. K. Gupta M/s MKG Consultant</b>
10.45 AM – 11.00 AM	<b>TEA BREAK</b>		
11.00 AM – 12.30 PM	<b>TOPIC – 6</b> <b>E &amp; M Services</b>	<ul style="list-style-type: none"> <li>• Electrical safety, Cable laying, Earthing systems, Panel installation, Testing &amp; commissioning</li> </ul>	<b>Sh C.S. Mital Retd CE (Electrical) CPWD</b>
12.30 PM – 01.45 PM	<b>TOPIC – 7</b> <b>E &amp; M Services</b>	<ul style="list-style-type: none"> <li>• HVAC systems, Lift &amp; escalators, Pumps, Mechanical installation quality, Commissioning</li> </ul>	<b>Sh C.S. Mital Retd CE (Electrical) CPWD</b>
01.45 PM – 02.15 PM	<b>LUNCH BREAK</b>		
02.15 PM – 03.45 PM	<b>TOPIC – 8</b> <b>Green Building Concepts</b> Integrated QHSE Management	<ul style="list-style-type: none"> <li>• Sustainable construction, Energy, efficiency, Water efficiency, Materials &amp; resources, green rating systems</li> <li>• Integrated systems, Audits, Continuous improvement, Reporting &amp; documentation</li> </ul>	<b>Sh Ashutosh Pathak Ex CPWD</b>
03.45 PM – 04.00 PM	<b>TEA BREAK</b>		
04.00 PM – 05.00 PM	<b>Closing Session</b>	<ul style="list-style-type: none"> <li>• Post Assessment &amp; Feed back Form</li> <li>• Address by Dir (Training)</li> <li>• Hon. Secy/Chairman Training/ED</li> <li>• Closing Session with Certificate distribution</li> </ul>	<b>Dir(Training),President, IBC / Honorary Secretary, IBC / Chairman, Training Committee / Executive Director, IBC</b>