

## Plumbing Course Contents:

- Introduction to Plumbing Systems.
  - Codes & Standards for Plumbing design.
  - Plumbing Fixtures.
  - Drainage Systems.
    - Most popular drains.
    - Fixture Traps.
    - Types of Drainage pipes.
    - Important Design Considerations.
    - Special drainage Systems.
    - Drainage Pipes Sizing.
    - Sump pit & Submersible Pumps.
  - Vent System & Vent Pipes Sizing.
  - Storm Water Drainage System and Rain water pipes Sizing.
  - Inspection Chambers, Gully Traps and Slow down chambers details.
  - Domestic Water Systems.
    - Estimation of Water Demand for various projects & Design of Water Tanks.
    - Water Tanks Types, Detail and Selection.
    - Domestic Water Pumps (Sizing & Selection)
    - Domestic Water Pipes Sizing.
    - Types of Water Supply Pipes.
    - Hot water system.
  - Water & Drainage Riser Diagrams.
  - Practical projects for plumbing systems.
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- COURSES ARE DOCUMENTED FROM THE INTERNATIONAL CODES & STANDARDS.
  - PRESENTATIONS ARE PROVIDED WITH ILLUSTRATIVE VIDEOS & PICTURES.
  - COPY OF CODES, CATALOGES & OTHER USEFUL MATERIALS WILL BE PROVIDED.