1. Course Details:

Course Code : CSEN-003
Course Title : Shop Drawings for Architecture and Interior Design
Course Duration : 5 Days

2. Course Overview:

- Drawings remain the primary means by which architects convey ideas to the craftspeople who will manifest them into tangible structures. This course aims to teach students the fundamentals of architectural composition that later translate to designing interior spaces and provide them with a solid understanding of basic architectural interior spaces, their functionality and how to draw and design them, as well as providing them with the skills and knowledge necessary to enable them to draw all structural elements, clarify the dimensions and area of steel (reinforcement) of the sections, and draw all structural charts; Slab Plan, Beams Details, Columns Layout, Columns Details, Foundation Plan, Foundations Details, and Walls Details using AutoCAD.

3. Learning Outcomes:

- Learn how to draw all the structural elements (columns, walls, foundations, slabs and beams) Using AutoCAD to show sections' rebars
- Enable participants to use AutoCAD software professionally and to make the commands and tools effectively applicable.
- Learn how to generate the structural plans and sections
- Learn how to reinforce all the structural elements; (columns, walls, foundations, slabs and beams)
- Learn how to draw a full structural project

4. Course Contents:

- Module 1: Introduction to AutoCAD
- Module 2: Setting up the Drawing and Basic Display Commands
- Module 3: Drawing Aids and Snapping's
- Module 4: Draw Commands
- Module 5: Edit Commands
- Module 6: Object Properties
- Module 7: Layers, Dimension and Dimension Style
- Module 8: Variation Tool
- Module 9: Printing and Data Management

- Module 10: Draw a Full Structural Project

5. Our Methodology:

- Make coaching and monitoring innovative and using modern
- Media training also using on the go training by using interactive means and focusing on
- The exercises, practical applications and real situations study.
- Live delivery method, instructor-led training.
- Experienced consultant, trainers, and professional.
- Qualified trainer with high-level experience

6. Attendance Reports:

- Send daily attendance reports to trainingdep
- Send full attendance report to training dep. by the end of thecourse
- Attend 100 % from the course days also providedaily
- Issue attendance certificate for participant who attend minimum 80% from the course duration

7. Pre/Post Reports:

- Pre- assessment before starting training.
- Post assessment after finish training
- Full report for the deferent between Pre-& Post assessment

8. Who Should Attend?

- Design Structural Engineers
- Civil Engineers
- Civil Engineers working in Power plants & Energy field
- Construction Engineers