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Toll Free No: 1800 425 0405 | www.caddcentre.com

CERTIFICATE OF COMPLETION



IN : Professional in Building Design

AWARDED TO : SUBIN LAL .S.M

AT : CADD Centre Training Services, Chennai, Vadapalani

DURING : December-2017 STUDENT ID No. : A170771144

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MANAGING DIRECTOR

Gopishankar V

CENTRE HEAD

09 - 05 - 2018

DATE OF ISSUE



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CENTRE**

Driving Digital Designs!

CADD Centre training is available through a wide network of training centres. The courses offered are comprehensive and of high quality. The participants are trained by well experienced instructors in the latest technology.

An ISO 9001 - 2008 Certified Company

STUDENT NAME: **SUBIN LAL .S.M**

STUDENT ID No.: **A170771144**



CERTIFIED IN : **Professional in Building Design**

Topics Covered

Introduction to Structural Engineering
Introduction to STAAD.Pro V8i
Model Generation and Editing
Assigning loads, Load Combinations
Concrete Design
Column and Beam design
Seismology
Dynamic Analysis using Response Spectrum
Water Tank Design
Slab Design
Staircase Design
Shear wall Design
Bridge Deck design using STAAD.Beava
Steel Design - Steel Frame Structure Design
Steel Structure design with Pushover Analysis
Report Generation and Plotting
Introduction to BIM & Revit Architecture
Place and modify Walls & Complex Walls
Add and modify wall Profiles
Dimensions and Constraints
Create Floors and Ceilings
Curtain Walls & Stairs
Conceptual Models
Annotation & Schedules
Structural Elements
Sheets and Title Blocks
Views, Camera, Walk through, Render & Solar Study
Family Creation
Site Design
Link Projects & Collaboration
Realistic Presentations
Import & Export

Introduction to CAD industry
Drawing settings
Orthographic drawings
Isometric drawings
Editing the drawings
Annotations and dimensions
Layer management
Project planning and management: an overview
Creating and updating repeated elements
Parametric drawings
Preparing joinery details / BOM
Presenting the project
Layout management
Scale setting and plotting
Import and Export
Introduction
Customizing Currencies & Catalog Creation
Work Breakdown Structure
Manual Takeoff Tools: Area, Backout, Linear, Count
Assembly
Automatic Takeoff Tools: Model, Search, Single Click
Validate Takeoff Data
Compare & Display
Report Generation
Export & Publish to DWF

Project : Independent project work with expert assistance

Concept/Software taught : STAAD.Pro , Revit Architecture , AutoCAD 2D , Autodesk Quantity Takeoff

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