



HVAC Design (Calculation & Theory)

Training Details

Course Code	: HCCC45
Course Name	: HVAC Design (Calculation & Theory)
Duration	: 2 Months
Eligibility	: Diploma / BE / ME (CIVIL) / ITI / +2 / Equivalent

Syllabus:

STARTING HVAC PROJECT

- Linking Projects
- View templates
- General System Options

ENERGY ANALYSIS FEATURES

- Use building elements for energy analysis mode
- Preparing spaces
- Zones in the system browser

VALIDATE ENERGY ANALYTICAL MODE

- Use third party tool for checking
- Heating and cooling load calculation

We Changed ur thinking, it Changed ur Life...

PLANNING MECHANICAL SYSTEM

- Adding mechanical equipment
- Adding diffuser
- Create duct system

ADDING DUCT SYSTEM

- Adding duct by duct layout
- Adding duct by duct pace holder
- Adding duct manually
- Ductsizing

ANNOTATION AND HYDRONIC CONNECTIONS

- Annotating duct
- Model pipe system

ELECTRICAL DESIGN

- Adding light fixtures
- Adding receptacles
- Adding & circuiting panel board

PANEL SCHEDULE

- Creating panel schedule
- Creating a switch system
- Circuiting receptacles

WIRING

- Adding wiring
- Modifying panel schedule
- Creating lighting circuit as per Indian standard
- **PLUMBING**