

HVAC Design (Calculation & Theory)

Training Details

Course Code	: HCCC63
Course Name	: HVAC Design (Calculation & Theory)
Duration	: 2 Months
Eligibility	: Diploma/ BE/ ME/ EIE/ EEE/ ECE/ 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

Address:
163 C/1, First Floor, Kamarajar Salai,
NP TVS Showroom Opp., Ganesh Theatre Signal,
Santha Pettai Bus Stop Near,
Madurai – 625 009.

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

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

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
- Duct sizing


ANNOTATION AND HYDRONIC CONNECTIONS

- Annotating duct
- Model pipe system

ELECTRICAL DESIGN

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

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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**

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