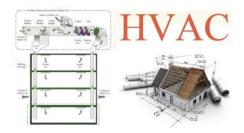




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HVAC Design (Calculation & Theory)

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 ANALYTCAL 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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- 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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