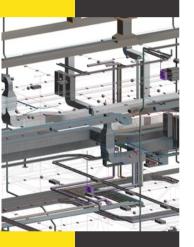


We help you to Grow Up























MEP - 270 Hrs (4 Months)

CAD

INTRODUCTION I DRAWING TOOLS I MODIFYING TOOLS DIMENSION TOOLS I PROPERTIES BAR I LAYER TOOLS

HVAC SYSTEM DESIGN

SCOPE OF HVAC INDUSTRY

INTRODUCTION

CODES & STANDARDS USED IN HVAC

PSYCHROMETRY

AIR CONDITIONING CYCLE

COOLING LOAD CALCULATION

EOUIPMENT SELECTION

STUDY ABOUT MACHINE SPECIFICATIONS & CLASSIFICATIONS

DUCT DESIGN

DUCT SIZER & CALCULATION

DUCT ACCESSORIES

AIR TERMINAL TYPES

AIR TERMINAL SELECTION

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PREPARATION OF BILL OF QUANTITIES

CHILLER

CHILLER SYSTEM DESIGN

TYPES & APPLICATION OF CHILLER

HYDRAULIC CALCULATION FOR PUMP SELECTION

VRF SYSTEM DESIGN

VENTILATION SYSTEM DESIGN

KITCHENHOOD DESIGN & DRAWING PREPARATION

CAR PARKING DESIGN & DRAWING PREPARATION

TOILET DESIGN& DRAWING PREPARATION

BILL OF QUANTITIES & DOCUMENT PREPARATION



ELECTRICAL SYSTEM DESIGN

INTRODUCTION TO MEP ELECTRICAL
ELECTRICAL CODES & STANDARDS
ELECTRICAL SYMBOLS USED IN DRAWINGS
FUSES & SWITCHES
TYPES OF CABLES AND WIRES

A. LOW VOLTAGE CABLES

B. HIGH TENSION CABLES TERMINATION & JOINTS

C. DIFFERENT WIRES USED IN ELECTRICAL DESIGN

PANELS

DBS
PROTECTION OF ELECTRIC CIRCUITS
MCBS (TYPES,RANGES)
TYPES OF MOTORS AND THEIR STARTERS

RESIDENTIAL BUILDING

FLOOR PLAN AND PREPERATIONS
FIXERS AND LIGHTS
LIGHT FIXING USING DIALUX
PIPES AND CONDUITS
PUMP HOUSE
LEGENT AND LABELING CREATION
CLASS TEST 1
ASSIGNMENT



MULTISTORIED BUILDINGS

MDBS AND SMDBS
PANEL BOARDS
SECTION & ELIVATION LAYOUTSFOR CABILING (CABLE RISER)
INDOOR LIGHT FIXING
OUTDOOR LIGHT FIXING
INDOOR & OUTDOOR LIGHT FIXING USING DIALUX
SINGLE PHASE TO 3 PHASECONNECTION (LOAD BALANCING)
CLASS TEST 2
ASSIGNMENT



ENERGY METER/ METERING PANEL ARRANGEMENT LIFT

GENERATOR SIZING AND PLACING

MOTOR SIZING AND PLACING

CAPACITOR BANK SIZING AND PLACING

EMERGENCY LIGHTING

UTILITY LIGHTING &LIGHTING ARRESTERS

SLD AUTO CAD

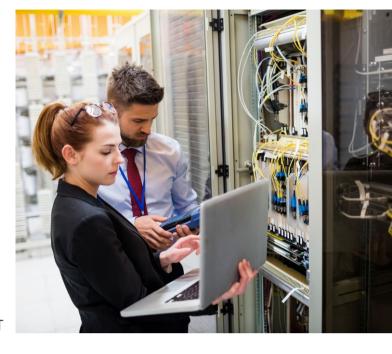
HVAC PANEL CONNECTION

HVAC ELECTRICAL LOADING

GENERAL ARANGEMENT DIAGRAM

CLASS TEST 3

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PLUMBING SYSTEM DESIGN

INTRODUCTION TO PLUMBING SYSTEM
FUNDAMENTALS AND QUALITY OF WATER
PLUMBING FIXTURES
FIXTURE MOUNTING & POSITIONING
WATER CALCULATION
INTERNAL PLUMBING DESIGN
TYPES OF PIPE & TANK SIZING
EXTERNAL PLUMBING DESIGN
RAIN WATER HARVESTING





FIRE FIGHTING SYSTEM DESIGN

INTRODUCTION TO FIRE-FIGHTING
FIRE CLASSIFICATIONS
FIRE PROTECTION & DETECTION SYSTEM
SPRINKLER & HYDRANT SYSTEM,FM-200

REVIT

INTRODUCTION TO REVIT MEP DESIGN
LEVELS SETTING
TOOLS
GENERIC COMPONENTS
MODELING
MATERIALS
MEP (HVAC/ELECTRICAL) DRAWING PREPARATION IN REVIT



MEP - 120 Hrs (2 Months)

CAD

INTRODUCTION
DRAWING TOOLS
MODIFYING TOOLS
DIMENSION TOOLS
PROPERTIES BAR
LAYER TOOLS



HVAC SYSTEM DESIGN

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PIPES AND CONDUITS
PUMP HOUSE
LEGENT AND LABELING CREATION

MULTISTORIED BUILDING

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PANEL BOARDS
SECTION AND ELIVATION LAYOUTS FOR CABILING(CABLE RISER)
INDOOR AND OUTDOOR LIGHT FIXING
POWER SOCKETS AND ELECTRICAL OUTLETS
SINGLE PHASE TO 3 PHASE CONNECTION (LOAD BALANCING)

PLUMBING SYSTEM DESIGN

INTRODUCTION TO PLUMBING SYSTEM
FUNDAMENTALS OF PLUMBING DESIGN & DRAFTING
PLUMBING FIXTURES TYPES & SELECTION
FIXTURE MOUNTING & POSITIONING
WATER CALCULATION
INTERNAL PLUMBING DESIGN
TYPES OF PIPES & SELECTION
TANK SELECTION EXTERNAL PLUMBING OVERVIEW







INTRODUCTION TO FIRE-FIGHTING FIRE CLASSIFICATIONS FIRE PROTECTION SPRINKLER & HYDRANT SYSTEM ELECTRICAL
SYSTEM
DESIGN
- 120Hrs
(2 months)

CAD

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CLASS TEST 2

ASSIGNMENT

COMMERCIAL/APPARTMENT

ENERGY METER/ METERING PANEL ARANGEMENT

LIFT

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MOTOR SIZING AND PLACING

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UTILITY LIGHTING &LIGHTING ARRESTERS

SLD AUTO CAD

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HVAC SYSTEM - 120 Hrs (2 Months)

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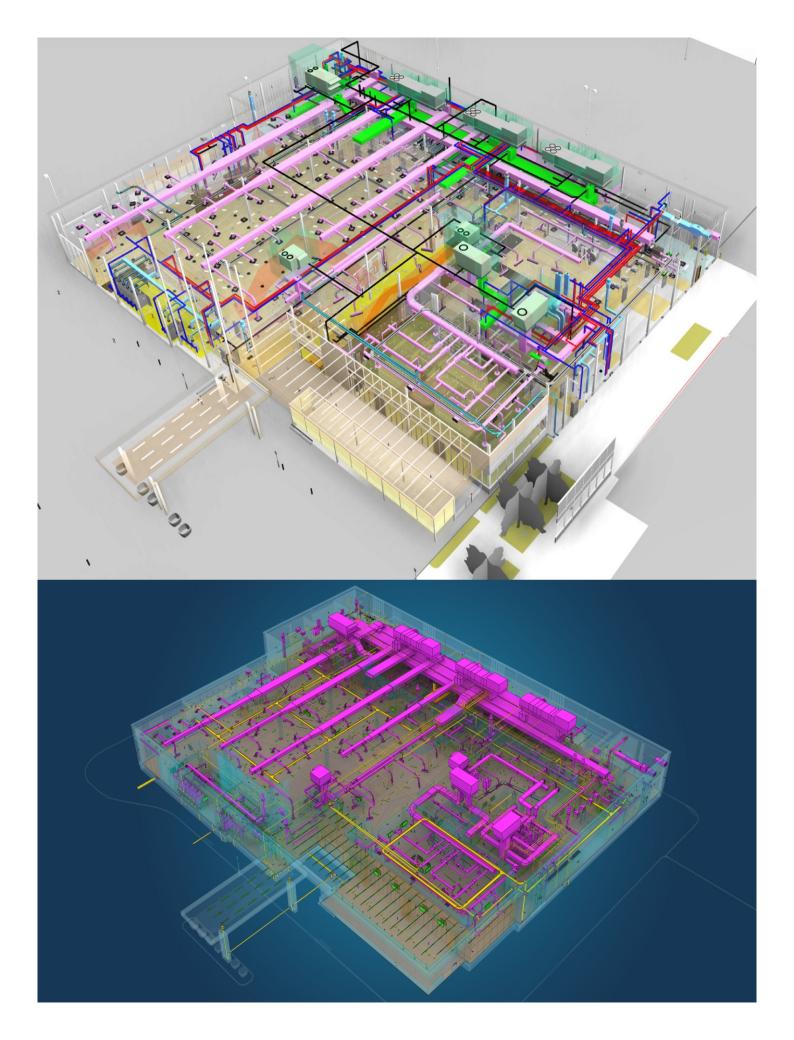
TOILET DESIGN& DRAWING PREPARATION

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ASSIGNMENTS

PROJECT SUBMISSION























AMBIT AUTOMATION

COCHIN CAMPUS

o 1st Floor, Raja Arcade, pullepady, Chittoor Road Cochin, Kerala, India - 682035

(V)

+91 484 486 3886, +91 799 42 55 999



info@ambitautomation.in

CHENNAI CAMPUS

Ambit Automation 2nd Floor, Indra Tapezium, Madhavaram High Road, Near Perambur Railway Station, Chennai-600 011



+91 7994211999, 7994342999