



DEMAND

PAVIATH INTEGRATED SOLUTION

CIVIL ENGG

CIVIL POLY

CAD IN CIVIL ENGINEERING DRAWING I

Paviath ONLINE

◆ CIVIL POLY ◆ II YEAR III SEM ◆ CODE CEM35

DRAWING IS THE LANGUAGE OF ENGINEERS. ENGINEERING IS ABSOLUTELY INCOMPLETE WITHOUT A THOROUGH KNOWLEDGE OF DRAWING. A CIVIL ENGINEERING DIPLOMA HOLDER MUST BE CAPABLE OF SKETCHING DETAILED CONSTRUCTIONAL DRAWING OF VARIOUS COMPONENTS OF BUILDING FOR THE PURPOSE OF COMMUNICATION WITH THE CRAFTSMAN. PLANNING OF SMALL BUILDINGS, DEVELOPING A LINE PLAN, DIMENSIONING, KEY PLAN, AND DRAINAGE PLAN SHOULD BE A PART OF CURRICULUM. THE DIPLOMA ENGINEER MUST BE CONVERSANT WITH READING AND INTERPRETATION OF DRAWING FOR EXECUTION OF WORK.

OBJECTIVES:
ON COMPLETION OF THE COURSE, THE STUDENT WILL BE ABLE TO:

- STUDY CONVENTIONAL SIGNS AND ABBREVIATIONS.
- PREPARE LAYOUT OF BUILDINGS;
- GAIN THOROUGH KNOWLEDGE OF THE RULES, REGULATIONS AND STANDARDS OF BUILDINGS.
- READ THE LINE SKETCH AND PREPARE PLAN, SECTIONS AND ELEVATIONS OF BUILDINGS.

1. CONVENTIONAL SIGNS AND BYE LAWS. (NOT FOR EXAM)
2. A READING ROOM WITH RCC FLAT ROOF.
3. A RESIDENTIAL BUILDING WITH FULLY TILED ROOF WITH HIPS AND VALLEYS.
4. A TWO ROOMED RESIDENTIAL BUILDING WITH SLOPED ROOF WITH GABLE ENDS.
5. A SMALL WORKSHOP WITH NORTH LIGHT STEEL ROOF TRUSS OVER RCC COLUMN.
6. AN OFFICE BUILDING
7. A PRIMARY SCHOOL BUILDING.
8. A HOSPITAL BUILDING.
9. A LIBRARY BUILDING.
10. A PRIMARY HEALTH CENTRE.
11. A SMALL RESTAURANT.
12. A BANK.
13. CMDA APPROVAL PLAN FOR A TWO BED ROOM RESIDENTIAL BUILDING WITH STAIRCASE.



APM Civil Engineering

STC APM

SYLLABUS COACHING
TRAINING - 2/UNIT TRAINING
SELF - 4/UNIT ASSIGNMENT
PRESENTATION - 2/UNIT
SHOWTIME - 2/UNIT

MATHS ILLUSTRATION - GEOMETRY EXPRESSIONS



ASCON RENG

SYLLABUS PERIOD
TRAINING - 2/2 HRS/UNIT
REMOTE - 2/2 HRS/UNIT
DURATION - SEMESTER
ONLINE/REMOTE ACCESS

MECHANICAL EXPRESSIONS - ANALYTIX CAMS



ARCADIA BIM

FEATURES
TRAINING BY IND. PROFESSIONAL
INDUSTRY APPLICATION
TRAINER OPPORTUNITY
CERTIFICATION