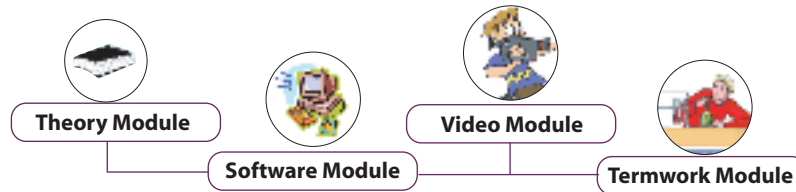


# Civil Engineering Drawings

SoftTech  
ENGINEERS PVT.LTD.

Introduces, Global e-Learning System in Education & Training in the form of Learning Resources with Computer Aided Instructions



**System Requirement:-** IBM-PC Compatible with Window-OS, 128 MB RAM/Multimedia Kit

## Theory module

**Features :** Theory, Figures, Photographs, Animations with controller, Highlighter tool, Note creation facility, Systematic page navigation, Printing facility, Access to CivilCAD module.

### List of Topics

- ✍ Introduction
- ✍ Principles of Planning
- ✍ Rules and Regulation
- ✍ Methods of Drawing
- ✍ Study lines, dimensioning, symbols, scales, sheet layout.
- ✍ Study Aspect, Prospect, Roominess, Grouping.
- ✍ View comfort conditions in humid and dry tropics.
- ✍ Learn how the orientation of the building should be.
- ✍ View the principal of protection of walls from sun and rain.



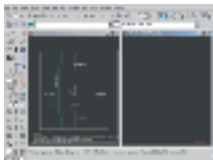
- ✍ Study through animations the various regulations regarding layout for open spaces, plots and roads.
- ✍ Observe in animations the various building regulations for built-up area, balcony, bathrooms, compound wall, staircase, room area, lift, light, ventilation, shops, etc.
- ✍ Study the rules for layouts of banks, classrooms, community halls, cinema theaters, hospitals, post-office, school buildings, hostels.
- ✍ Study through animations how the carpet areas, floor areas and plinth areas are calculated.



- ✍ Know the various method of drawings.
- ✍ Learn how to draw the multi-view projections.
- ✍ Study the elements of perspective drawing
- ✍ Study how to draw one point and two point perspective.



## CivilCAD Module



The CivilCAD allows you the double window environment. The drawing for study is displayed in left window and you can learn to draw it in the right window. Study to draw the various types of Civil Engineering Drawings for building planning & design, Transportation Engg, Irrigation Engg, Environmental Engg, Structural Engg. etc.

## Termwork Module

Contains assignments on various topics covering Subjective questions, Objective questions, Random selection of objective type questions, Drawing assignments. Drawing assignments to be solved in CivilCAD environment.

