



CIVIL ENGINEERING DRAWING

[INCLUDING COMPUTER AIDED BUILDING DRAWING]



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REVISED
& ENLARGED

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ABOUT THE BOOK

Civil Engineering Drawing is an inevitable subject in learning Civil Engineering and Architecture. This book caters all aspects and detailed study of the subject of "Civil Engineering Drawing" in lucid and easy language. All the drawings are neatly given with full details and in scale. This book contains Chapter on "Computer Aided Building Drawing" with inclusion of 50 self-interactive and self-learning Practice Modules as new pedagogical concept. Topics of Sciography are introduced in the chapter of "Perspective Drawings and Sciography".

The entire book is divided into two parts:

Part I : Civil Engineering Drawing

Part II : Computer Aided Building Drawing.

The outline of the book is:

PART I: CIVIL ENGINEERING DRAWING

Chapter 01 : Introduction gives history, evolution, development and order of architecture.

Chapter 02 : Guidelines for preparing building drawings

Chapter 03 : Various methods and types of drawings such as orthographic, axonometric drawings viz., isometric, dimetric, trimetric, oblique, etc.

Chapter 04 : Submission and working drawings.

Chapter 05 : Perspective drawings and sciography.

Chapter 06 : Gives all aspects of principles of planning.

Chapter 07 : Provides architectural compositions.

Chapter 08 : Discuss all aspects of Building bye-laws.

Chapter 09 : Introduced earthquake resistant buildings.

Chapter 10 : Provides Classification of buildings.

Chapter 11 : Planning of residential buildings.

Chapter 12 : Planning of industrial structures.

Chapter 13 : Planning of public buildings.

Chapter 14 : Gives various important miscellaneous topics which are connected with the subject of civil engineering drawing, building planning and town planning.

PART II: COMPUTER AIDED BUILDING DRAWING

Chapter 15 : This chapter gives introduction to computer aided drafting with fifty self-interactive and self-learning practice modules.

It is hoped that the book will satisfy the needs of the students preparing for the Degree examinations in Civil Engineering and Architecture of all the Indian Universities, Diploma examinations conducted by various Boards of Technical Education, Certificate courses as well as for the A.M.I.E., U.P.S.C., G.A.T.E., I.E.S. and other similar competitive and professional Examinations. It should also be of an immense help to the practising Civil Engineers.

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