



MACHINE DRAWING

[IN FIRST-ANGLE PROJECTION METHOD]
[INCLUDING COMPUTER AIDED DRAFTING (CADr)]

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Edition : 50th Revised and Enlarged Edition : 2016
ISBN : 9789385039232
Size : 170 mm × 235 mm
Binding : Paperback
Pages : 528 + 16 = 544



₹ 250.00 **BUY**

ABOUT THE BOOK

This well-known text book gives complete knowledge on the subject of *Machine Drawing*, *Mechanical Drafting* and *Production Drawing*. It follows

- (i) the metric system of length measurement and
- (ii) first-angle method of orthographic projection.

However, the third-angle projection method has not been completely ignored.

This **Fiftieth Edition** is thoroughly revised and extensively enlarged. Numerous new drawings and text matter have been incorporated to optimise the utility of the book. The chapter on Engine Parts are divided in two separate chapters such as

(1) Steam Engine Parts and

(2) Internal Combustion (I.C.) Engine Parts.

Chapter on Computer Aided Drafting (CADr) is entirely rewritten with 52 self-interactive and self-learning practice modules.

It describes in an easy-to-follow style and with application of the principles of orthographic projection, forms, proportions and uses of simple machine parts, engine parts and boiler parts.

The techniques of freehand sketching, dimensioning, conversion of pictorial views, sectional views and interpretation of views are treated in clear and simple manner. Most of the orthographic views are accompanied by the pictorial views of the objects to enable the students to visualize the shapes easily.

The book covers the syllabi of Machine Drawing to meet the requirements of students of Mechanical Engineering Degree Examinations of all the Indian Universities as well as Diploma examinations conducted by various Boards of Technical Education, Certificate Courses as well as for I.T.I. students and also to the candidates reading for the A.M.I.E., U.P.S.C., G.A.T.E. and similar competitive and professional examinations.

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