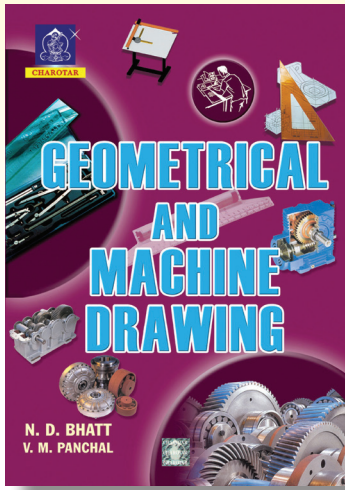


# GEOMETRICAL AND MACHINE DRAWING

[ IN FIRST-ANGLE PROJECTION METHOD ]

By

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## ABOUT THE BOOK

This text-book 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.

The topics of the subject matter are covered in 22 well-arranged chapters — therein it now contains:

- \* 914 Self-explanatory and neatly drawn diagrams
- \* 230 Worked examples (Problems)
- \* 500 Exercises at the end of chapters
- \* 36 Useful tables

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

The techniques of freehand sketching, dimensioning, conversion of pictorial 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 in Engineering Drawing of the First Year of the three year Diploma courses in various branches of Engineering conducted by the Department of Technical Education, for I.T.I. students and also to the candidates reading for the A.M.I.E. and U.P.S.C. Examinations.

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