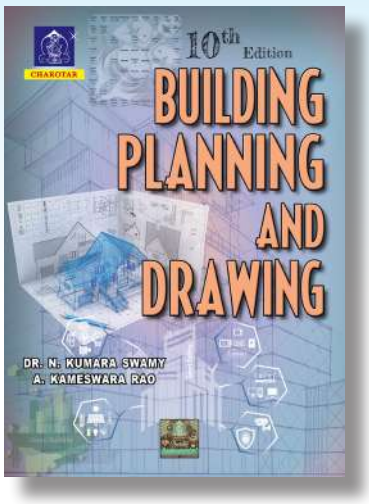

BUILDING PLANNING AND DRAWING

NEW

REVISED & ENLARGED

By
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ABOUT THE BOOK

Drawing is the language of Engineers and Architects. Building Planning and Drawing is the foundation subject for Civil Engineering students. In this edition, each topic of the text-book has been arranged in such a way that reader is empowered with an in-depth knowledge in the subject of Building Planning and Drawing.

The Content of the *ninth edition* of this book is thoroughly revised by incorporating all recent developments in the construction industry. New topics are added in each chapter based on changes in field practices and technological world.

Chapter No.	Content revised/Topics added
1.	Building Approval process as per NBC 2016, Model building bye-laws 2016 and International building code 2015
2.	Clustered houses
4.	Influence of Climate on Building Planning and Design, Sun Path Diagram, Identification of comfort Zone and shadow analysis.
7.	International building code 2015, National building code 2016
9.	Hindu temples
13.	Drivers, barriers, and challenges for the implementation of Green Buildings, Green building rating systems
14.	Illustrations of anthropometric and Ergonomics
20.	The practical significance of Vaastu Purusha mandala in the planning of building and Vaastu for flats

In this edition, *two new chapters* namely ***Planning of Industrial Buildings*** and ***Net-Zero Energy Buildings*** are newly added, also all the drawings of plates are revised and redrawn with more detailing. Correlated topics of few chapters are embedded in to single chapter.

The book now in its 24 Chapters and Appendix contains:

- **400 Neatly drawn self-explanatory diagrams**
- **48 Plates of important components and different plans of buildings**
- **86 Useful Tables**
- **17 Solved Problems**
- **467 University Type questions are given for preparation of examinations.**

A separate chapter as Question Bank includes:

- **325 Short Questions with Answers**
- **123 Multiple Choice Questions**
- **97 Short Questions.**

It is the fervent hope of the authors that this book will satisfy the needs of the *Civil Engineering and Architecture students* preparing for the B.Tech/B.E./B.Arch. examinations of almost 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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