



TOWN PLANNING

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ABOUT THE BOOK

This 32nd revised and enlarged edition explains the general principles of the subject of Town Planning in the branch of civil engineering and architecture. The subject matter is expressed in a simple language and practical manner. The treatment is clear, methodical as well as interesting and easy to follow. Plenty of new matter, topics reshuffled with inclusion of plenty of new matter, useful tables and figures. Three new chapters have been added. So many chapters are rearranged and re-grouped.

The outline of the book is:

Chapter 1 deals with Introduction to town planning which includes the topics such as objects, principles, necessity of town planning and many more.

Chapter 2 – “Town planning in India (Ancient to Modern Times)” is newly added with detail description. The topic of “Planning of the modern town” is carved nicely by adding many different aspects of town development.

Chapter 3 – “Smart city” is newly added, which is a new concept. It discusses the topics on meaning of the terms; elements or components of smart city; planning and policy framework of smart city; smart city index; India’s vision for smart cities, Smart city projects of the world, etc.

Chapter 4 – “Re-planning existing towns” is thoroughly revised and enlarged. In this chapter we have discussed in detail, how an existing town can be converted to a smart city by implementing modern technology for solving major issues like, transport, parking, pollution, waste management, traffic problems, etc.

Chapter 5 – “Town planning and Survey Methods”, includes the topics of drone survey method; total station survey method and Geographic Information System (G.I.S.).

Chapter 6 – “Town planning scheme (DP-TP mechanism) is newly added. Focus on DP-TP mechanism; land pooling or land readjustment (LP/LR) are given. These new topics are absolute requirements of present day town planning projects.

Chapter 7 – “Development plan or Master plan” is thoroughly revised and enlarged using latest information, rules and regulations provided in Gujarat Town Planning and Urban Development Act, 1976 (GTPUD, 1976).

Chapter 8 – “Building bye-laws” highlights the general bye-laws applied by the local authorities of the towns or cities.

Chapters 9, 10, 11, 12, 13 and 14 – zoning; housing; public buildings; industries; slums; parks and playgrounds respectively discuss about basic concepts of town planning.

Chapters 15 and 16 – “Urban roads” and “Traffic management” respectively, are thoroughly revised according to latest I.R.C. code.

The book now in its 16 chapters it contains:

150 Self-explanatory neat diagrams

18 Useful tables and

306 Questions at the end of the chapters.

The book should prove to be extremely useful to the Civil Engineering and Architecture students preparing for the Degree Examinations 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 prove of interest to the practising professionals.

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