



CONSTRUCTION OF STRUCTURES AND MANAGEMENT OF WORKS

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ABOUT THE BOOK

Modern construction activities involves complex processes which requires knowledge of both construction and management. For this, engineers and technicians with managerial qualities are highly essential. This text-book will be helpful to the reader to be conversant with the elementary principles about construction management and organization; economic activities associated with the construction industry as a whole.

The entire subject matter is systematically arranged in a lucid manner, easy-to-follow style and in chapters like: Introduction; CPM and PERT; Construction of Dam; Construction of Multi-Storeyed Buildings; Erection of Steel Structures; Tunnelling; Compressed Air; Construction Equipments; Construction Accidents; Management and Organization; Construction Labour; Construction Materials; Economic Analysis; Miscellaneous Topics; etc.

Now, the topics of the subject are covered in 14 well-arranged chapters and therein, it contains:

- * 104 Self-explanatory and neat diagrams
- * 56 Solved problems
- * 81 Useful tables
- * 248 University-type questions at the end of each chapter.

It is hoped that the books will satisfy the needs of the civil Engineering students preparing for the Degree 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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