

# **DAM ENGINEERING**

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## ***About the Book:***

Dam engineering is an old art for harnessing river flows but the technology for dams has developed very fast in the last century with the result that a number of very high dams (height upto 300 m) of various types have become the reality in many countries and also in India. Voluminous and highly technical literature for both concrete and embankment dams of different types dealing with various aspects of dam engineering such as planning, design, construction etc. are available in the form of manuals, books and journals. The authors after their long experience of teaching and dealing with field problems realized the need of a book which may be useful for students and the beginners in the field of dam engineering. This book by the authors covers the basic design and planning aspects of various types of dam including the recently developed RCC and CFRD dams. It also covers the construction aspects such as foundation treatment, river diversion etc. It briefly deals with the issues like environment impact and dam safety aspects. This is a concise book on the subject covering all the aspects of dam engineering including the recent technological developments with examples of Indian dams and so is different from other books. The book will be useful for both students and field engineers.

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