

**Spillway Clarified, 1/e**

M.J. Deodhar

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**About the Book**

Spillways are structures which provide controlled release of excess water from dams and reservoirs. This release is of utmost importance otherwise the excess water can damage the dams and cause devastation.

This book will be useful for the final year degree & diploma courses, and practicing engineers.

The book broadly discusses various types of spillways, their designs, control structures, energy dissipation arrangements and their safety aspects.

Written in question-answer format to help students grab the subject quickly and to the point, it contains 30 numerical examples alongwith 110 diagrams to understand the theory part. Due to its format it will be highly useful to students in viva voce and competitive examinations.

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**Salient Features**

- ▶ The book deals with control structure, energy dissipation arrangements, and field practices.
  - ▶ The subject matter is in question-answer format with a lot of solved examples.
  - ▶ Provides numerical problems at the end of each chapter, with an answer key.
  - ▶ Profusely illustrated with line drawings, pictures, and tables for clear understanding of the subject.
  - ▶ Multiple choice questions with answer key, co-ordinate systems, fundamental units and derived units, conversion table for S.I. units, relevant Indian standards, and different types of energy dissipation arrangement adopted are provided in the appendices.
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**About the Author**

**M.J. Deodhar** :- M.J. Deodhar is presently working as 'Technical Advisor for Coastal Power Services, Pune'. He was graduate in 1957 and completed his postgraduate studies in Hydraulics and Dam Engineering in 1959 from the University of Pune. He started his carrier as Assistant Research Officer in Maharashtra Engineering Research Institute, Nasik, and later became Professor and Head of Civil Engineering Department in the Govt. College of Engineering at Karad, Amaravati, and Pune. He retired as Principal of K.K. Wagh College of Engineering, Nasik. He has been visiting Professor and Emeritus Fellow, AICTE, New Delhi. He has worked as Technical Expert for UPSC, MPSC, UP PSC, and Himachal Pradesh PSC. He has also worked as, Chairman, Board of studies in Civil Engineering, Member of Faculty of Engineering and Technology and Member of Academic Council of Universities in Maharashtra.

He has published technical articles and also presented papers at international conferences. The prominent being the International Association of Hydraulic Engineering and Research held at San Francisco and Beijing. He has also attended and conducted short-term courses on behalf of the Indian Society of Technical Education, New Delhi, and UNESCO. He is the author of the text book 'Elementary Engineering Hydrology'.

With over 50 years of research and teaching experience to his credit, Prof. Deodhar was awarded the 'Best Teacher' award and 'Outstanding

Engineering' award by the Institution of Engineers, Nasik branch.