

Design Of Rcc Aqueduct

Chiefly with reference to India.

Overview; Environmental factors and observed practices; Suggestions for the design process; Approaches to design; Structures for water acquisition; Examples for structures for water acquisition; Conveyance structures; Examples of conveyance structures; Irrigation distribution; Examples of water distribution structures; Alternative methods of irrigation application; Examples of alternative irrigation application methods; Some lessons from the examples; Bibliography.

Water Resources Engineering

Journal of the Pakistan Water and Power Development Authority

Indian Geotechnical Conference, December 15-17, 1988 on Evaluation and Applications in Geotechnical Engineering

Indian Journal of Power and River Valley Development

CW & PC Administration Report

History of the dams constructed by the governments of Madhya Pradesh and Rajasthan on the Chambal River.

CONTENTS: Part 1: Working Stress Method 1. Introduction 2. Theory of reinforced beams and Slabs 3. Shear and bond 4. Torsion 5. Doubly reinforced beams 6. T and L-Beams 7. Design of beams and Slabs 8. Design of stair cases 9. Reinforced brick and hollow tile roofs 10. Two-way slabs 11. Circular slabs 12. Flat slabs 13. Axially loaded columns 14. Combined direct and bending stresses 15. Continuous and isolated footings 16. Combined footings 17. Pile foundations 18. Retaining Walls Part 11: Water Tanks 19. Domes 20. Beams curved in plan 21. Water tanks-1 Simple cases 22. Water tanks-11 Circular & INTZE Tanks 23. Water tanks-111: Rectangular tanks 24. Water tanks-IV: Underground tanks Part 111: Miscellaneous Structures 25. Reinforced concrete pipes 26. Bunkers and silos 27. Chimneys 28. Portal frames 29. Building frames Part IV: Concrete Bridges 30. Aqueducts and box culverts 31. Concrete Bridges Part V: Limit State Design 32. Design concepts 33. Singly reinforced section 34. Doubly reinforced sections 35. T and L-Beams 36. Shear bond and torsion 37. Design of beams and slabs 38. Axially loaded columns 39. Columns with Uniaxial and Biaxial bending 40. Design of stair cases 41. Two way slabs 42. Circular slabs 43. Yield Line theory and design of slabs 44. Foundations Part IV: Prestressed concrete and Miscellaneous Topics 45. Prestressed concrete 46. Shrinkage and creep 47. Form-Work 48. Tests for cement and concrete

Journal of the P.S.G. College of Technology

Design of Canals

Design of Small Dams

Irrigation and Water Power Engineering

Selected Water Resources Abstracts

This Book is designed for Civil Engineering aspirants those are appearing in Mains Exam of JPSC (Jharkhand Public Service Commission) Assistant Engineer. It covers complete syllabus of

Section-I (Objective Papers) of JPSC Mains by dividing it in three parts; Civil Engineering Paper-I, Civil Engineering Paper-II and General Ability according to the Exam pattern. The Book not only consists major subjects of Civil Engineering, like SOM, TOS, Building Materials, RCC, Steel, Soil, Environment, FM, Machines, Highways, but also, includes minor subjects, such as Railway and Airport, Docks and Harbour, etc. Even, in the Book, the General Ability part is also classified in sub-parts of General English, Indian History, Polity, Economy, Geography, General Science and in most important Current Affairs. The Book also includes questions of Previous Year JPSC Mains Exam. There are a total of 4100+ questions in the Book published in more than 600 Pages. Due to its exam oriented pattern, we hope, this Book will fulfill all needs of aspirants of JPSC Mains.

Overview of the workshop; papers related to design outcomes; papers related to the design process; case studies; country papers.

Indus

RCC Dams - Roller Compacted Concrete Dams

Central Board of Irrigation Journal

MEED.

A Handbook of Experience

Now includes Worked Examples for lecturers in a companion pdf! The fourth edition of this volume presents design principles and practical guidance for key hydraulic structures. Fully revised and updated, this new edition contains enhanced texts and sections on: environmental issues and the World Commission on Dams partially saturated soils, small amenity dams, tailing dams, upstream dam face protection and the rehabilitation of embankment dams RCC dams and the upgrading of masonry and concrete dams flow over stepped spillways and scour in plunge pools cavitation, aeration and vibration of gates risk analysis and contingency planning in dam safety small hydroelectric power development and tidal and wave power wave statistics, pipeline stability, wave-structure interaction and coastal modelling computational models in hydraulic engineering. The book's key topics are explored in two parts - dam engineering and other hydraulic structures - and the text concludes with a chapter on models in hydraulic engineering. Worked numerical examples supplement the main text and extensive lists of references conclude each chapter. Hydraulic Structures provides advanced students with a solid foundation in the subject and is a useful reference source for researchers, designers and other professionals.

The book presents firsthand material from the authors on design of hydraulic canals. The book discusses elements of design based on principles of hydraulic flow through canals. It covers optimization of

design based on usage requirements and economic constraints. The book includes explicit design equations and design procedures along with design examples for varied cases. With its comprehensive coverage of the principles of hydraulic canal design, this book will prove useful to students, researchers and practicing engineers. End-of-chapter pedagogical elements make it ideal for use in graduate courses on hydraulic structures offered by most civil engineering departments across the world.

Irrigation & Power Abstracts

Reinforced Concrete Structures Vol. II

12th Congress, Vancouver, BC, Sep[t]. 3-7, 1984

Ei Engineering Conference Index

Proceedings of the IV International Symposium on Roller

Compacted Concrete Dams, Madrid, Spain, 17-19 November 2003- 2 Vol set

This Book Presents A Comprehensive Treatment Of The Various Dimensions Of Water Resources Engineering. The Fundamental Principles And Design Concepts Relating To Various Structures Are Clearly Highlighted. The Practical Application Of Design Concepts Is Emphasised Throughout The Book. The Text Is Profusely Illustrated By A Large Number Of Detailed Drawings And photographs. Several Worked Out Examples Are Also Included For A Better Understanding Of The Concepts. Practice Problems And Questions From Various Examinations Are Given For Exercise And Self-Test. This Revised Edition Includes * A New Chapter On River Diversion Head Works Statistical Analysis Of Rainfall And Run-Off Data * Infiltration Indices And Storage Capacity Of Reservoirs * Design Of Sarda Type Canal Drop * Additional Photographs, Diagrams And Examples. The Book Would Serve As An Ideal Text For B.E. Civil Engineering Students And Amie Candidates. Practising Engineers And Candidates Appearing In Various Competitive Examinations Including Gate, Upsc And Ies Would Also Find This Book Very Useful.

A book of broad interest to professionals, dam engineers and managers, and to organizations responsible for dam development and management, RCC Dams offers a topical account of the design and operation of roller compacted concrete dams, describing the latest developments and innovative technologies in the field. The book considers planning and design, materials and construction, as well as the operation and performance of RCC dams.

Journal of the Institution of Engineers (India).

Hydraulic Structures

The International Journal on Hydropower & Dams

Proceedings

Water Operation and Maintenance Bulletin

Contributed conference papers.

Bhagirath

Engineering Design

Technology

*Report of the Comptroller and Auditor General of India for
the Year ... Civil, Government of Himachal Pradesh*

Background to Appraisal