
Irrigation Engineering By S K Garg

Irrigation Engineering

Elementary Irrigation Engineering

Irrigation Engineering (Including Hydrology)

Drainage Engineering: Principles and Practices

Irrigation Engineering

Irrigation Engineering

Irrigation Engineering

Irrigation Engineering and Hydraulic Structures

Manual of Irrigation Engineering

Irrigation Practice and Irrigation Engineering ...

Irrigation Pocket Book; Or, Facts Figures and Formulae, for Irrigation Engineers

Manual of Irrigation Engineering

Irrigation Engineering

An Introduction to Irrigation Engineering

Irrigation Engineering

Irrigation and Water Resources Engineering

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IRRIGATION ENGINEERING

Dam engineering(including water power engineering)

Principles of Irrigation Engineering

Irrigation Engineering and Hydraulic Structures for [Civil Engineering Degree Students
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Principles and Practice of Irrigation Engineering
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Irrigation Engineering Firewall Media
The Book *Elementary Irrigation Engineering* Has Been Written To Meet The Needs Of Diploma Students Of Civil Engineering For Their Course In Irrigation Engineering. It Deals With The Basics Of Major Topics Related To Irrigation Engineering. The First Chapter Introduces Irrigation, Its Development In India, And

Different Irrigation Methods. Hydrological Aspects Of Irrigation Engineering Have Been Introduced In Chapter 2. Soil-Water-Plant Relationships And Water Requirement Of Crops Have Been Dealt With In Chapter 3. Well Irrigation Has Been Described In Chapter 4. Different Aspects Of Canal Irrigation Have Been Discussed In Chapters 5 And 6. Basic Features Of Planning And Design Of Major Canal Structures (Such As Canal Regulation And Cross-Drainage Structures, And Canal Head Works) Have Been Described In Chapters 7, 8, And 10. Chapter 9 Deals

With River Training Methods, While Chapter 11 Deals With Basic Aspects Of Major Hydraulic Structures Such As Dams, Reservoirs, And Spillways.
Elementary Irrigation Engineering
Scientific Publishers
Irrigation Engineering and Hydraulic Structures comprehensively deals with all aspects of Irrigation in India, soil moisture and different types of irrigation systems including but not limited to Sprinkler, Tubewell, Canal and Micro-Irrigation. The book also focuses on Engineering Hydrology, Dams, Water Power

Engineering as well as Irrigation Water Management. Special care has been taken to highlight the principles, practices and design procedures that have been widely recommended as well as suggest improvements in the application of existing methods and adoption of latest techniques used in other parts of the world.

Irrigation Engineering (Including Hydrology) TATA McGraw-Hill Publishing Company

This book is designed to give an existing state of knowledge in the field of hydrology, irrigation engineering, and hydraulic structures in a brief manner so that students can use it for their own reference from time to time. Compared to other voluminous books available on the subject, the author has tried to cover the important subject matter in an abridged manner in approximately 320 pages. Besides the full explanation of the theoretical aspects with well-illustrated figures, it gives a number of solved numerical examples. Problems for practice are also given with answers at the end of each chapter.

Drainage Engineering: Principles and

Practices S. Chand Publishing

This text book is designed to guide students from a basic knowledge of soil, water, plant, hydrologic and hydraulics to the state-of-the-art of irrigation system design, planning and management. The book will be helpful to the students of Agriculture, Agricultural and Civil Engineering and other related fields. The book is written in simple and lucid languages which will make the students interesting in reading the book and understanding the concept of farm irrigation very effectively. The book is written covering the entire syllabus of Irrigation Engineering which is taught in various State Agricultural Universities and is written as per the recommended syllabus of fifth Deans' Committee meeting of Indian Council of Agricultural Research (ICAR), New Delhi. The book will not only be helpful to the students at under-graduate and post-graduate level, but also will be a helping tool for all practicing irrigation engineers, agriculturists, design engineers, researchers, extension personnel and all others who are directly or indirectly associated with irrigation science and

engineering.

Irrigation Engineering S. Chand Publishing
The Book Irrigation And Water Resources Engineering Deals With The Fundamental And General Aspects Of Irrigation And Water Resources Engineering And Includes Recent Developments In Hydraulic Engineering Related To Irrigation And Water Resources Engineering. Significant Inclusions In The Book Are A Chapter On Management (Including Operation, Maintenance, And Evaluation) Of Canal Irrigation In India, Detailed Environmental Aspects For Water Resource Projects, A Note On Interlinking Of Rivers In India, And Design Problems Of Hydraulic Structures Such As Guide Bunds, Settling Basins Etc. The First Chapter Of The Book Introduces Irrigation And Deals With The Need, Development And Environmental Aspects Of Irrigation In India. The Second Chapter On Hydrology Deals With Different Aspects Of Surface Water Resource. Soil-Water Relationships Have Been Dealt With In Chapter 3. Aspects Related To Ground Water Resource Have Been Discussed In Chapter 4. Canal Irrigation And Its Management Aspects Form The Subject Matter Of Chapters 5 And 6. Behaviour Of

Alluvial Channels And Design Of Stable Channels Have Been Included In Chapters 7 And 8, Respectively. Concepts Of Surface And Subsurface Flows, As Applicable To Hydraulic Structures, Have Been Introduced In Chapter 9. Different Types Of Canal Structures Have Been Discussed In Chapters 10, 11, And 13. Chapter 12 Has Been Devoted To Rivers And River Training Methods. After Introducing Planning Aspects Of Water Resource Projects In Chapter 14, Embankment Dams, Gravity Dams And Spillways Have Been Dealt With, Respectively, In Chapters 15, 16 And 17. The Students Would Find Solved Examples (Including Design Problems) In The Text, And Unsolved Exercises And The List Of References Given At The End Of Each Chapter Useful.

Irrigation Engineering Cambridge University Press

This book is simply a compilation of facts, figures and formulae bearing on the everyday work of an irrigation engineer. It has its origins in the author's personal notebooks from 33 years' work in India. *Irrigation Engineering* New India Publishing Agency

The First Edition of this treatise on Irrigation Engineering duly subsidised by national Book trust, Government of India, published in 1984. was highly acclaimed by the engineering teachers and taughts and its revised edition appeared in 1990. The dynamism inherent in the subject necessitated drastic changes in the text, prompted by the overwhelming response of irrigation and agriculture engineering students and practising engineers in the country and abroad duly patronised by the publications, Shri Ravindra Kumar Gupta, Managing Director, S.Chand & Company Ltd., New Delhi

Irrigation Engineering and Hydraulic Structures New Age International Covering climate, soils, crops, water quality, hydrology, and hydraulics, this textbook offers a perfect overview of irrigation engineering.

Manual of Irrigation Engineering Springer Nature

The current book attempts to fill the gap in one of the major subject of land drainage that will have a major impact on production and productivity of irrigated lands. The book Titled `Drainage

Engineering: Principles and Practices` deals with the subject of surface and subsurface drainage to reclaim waterlogged salt affected soils. Based on the course curricula as suggested by Deans' committee constituted by ICAR, the current publication has been divided into 11 Chapters covering all the facets of land drainage as applied to agriculture. Each chapter covers one of the related issues beginning with general introduction to water logging, soil salinity and land drainage in Chapter 1. Surface drainage methods, an essential intervention in monsoon climatic regions and as supplement to the subsurface drainage are included in Chapter 2. Drainage investigations, a precursor to problem diagnosis and to assemble the drainage design parameters are included in Chapter 3. The drainage design procedures such as assessment of drainage depth, spacing and capacity of drains forms the subject matter of Chapter 4. While drainage materials are discussed in Chapter 5, drainage construction procedures and methodologies to monitor and evaluate completed projects are included in Chapter 6. Some of the new drainage

techniques such as mole, interceptor, vertical and bio-drainage have been included in Chapter 7 since these can either be applied singly or in integration with horizontal subsurface drainage. Chapters 8-10 deal with reclamation of salt affected soils, acid soils and management of saline water. Eco-friendly reuse and disposal of saline drainage water also form the subject matter of discussion of Chapter 10. Cost calculations, socio-economic and environmental issues associated with drainage projects have been included in final chapter 11. Glossary of terms has been added for quick overview of the terms used in the book.

Clearly, each and every aspect of surface and subsurface drainage for agricultural lands has been covered in the book. Besides covering the principles of land drainage, field practices have been included making the book a handy tool for specialized training programmes on land drainage. It is believed that the book will find its place in the shelves of students and teachers, field functionaries and libraries of state agricultural universities and civil engineering colleges. *Irrigation Practice and Irrigation Engineering ...* New Age International
Irrigation Pocket Book; Or, Facts

Figures and Formulae, for Irrigation Engineers

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