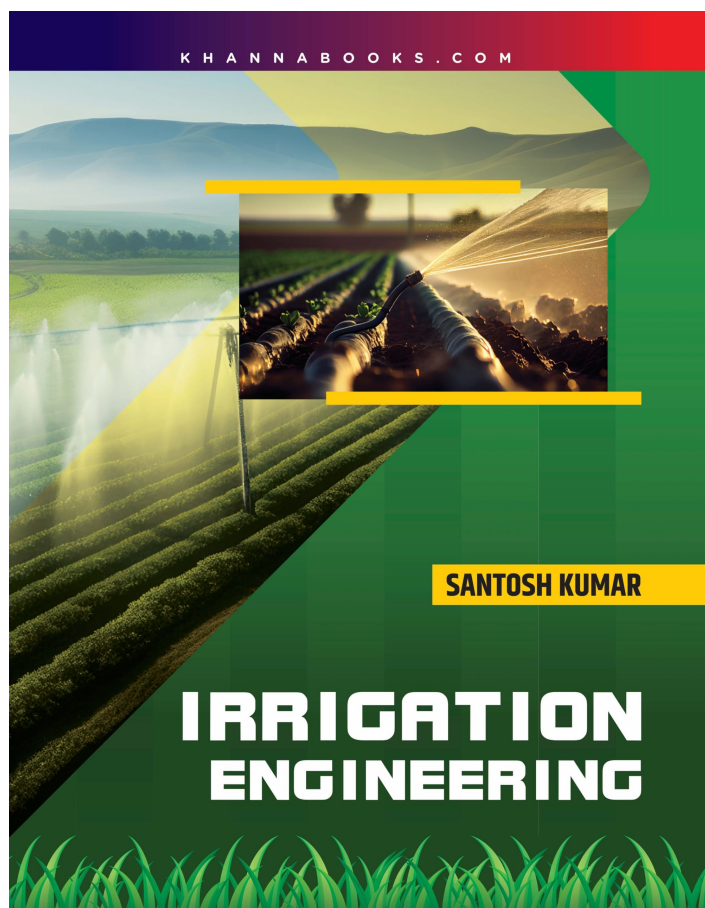




Irrigation Engineering

Author :	Santosh Kumar
ISBN 13 :	978-93-55386-64-9
ISBN 10 :	93-55386-64-8
E-ISBN 13 :	978-93-55386-64-9
Edition :	1
Pages :	220
Type of book :	Paperback
Weight (g) :	350.00
Year :	2026
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 395.00
Categories :	Civil Engineering
Condition Type :	New
Country Origin :	India

Product Description

IRRIGATION ENGINEERING With rapidly changing climate, importance of irrigation is being realized more and more. Present book is focused on the Engineering part of irrigation. The Book is written in precise form omitting chapters on which exclusive books are available. The book can be useful mostly to undergraduate student of the civil writing various Competitive examinations. Any suggestion for enhancing the quality of the book is most welcome.



Khanna Publishing House

4C/4344, Ansari Road, Daryaganj, New Delhi-110002

Email: contact@khannabooks.com | Tel: 011-2324 44 47 - 48 | Mobile: + +91-99109 09320

Table of Contents

Preface	Foreword Chapter 1 : Irrigation
Engineering. Chapter 2: Water Requirement of crops. Chapter 3: Basic Irrigation of Crops. Chapter 4: Irrigation methods. Chapter 5: Sources of Irrigation Water. Chapter 6: Canal Irrigation. Chapter 7: Canal falls. Chapter 8: Weirs, Barrages and sediment Control. Chapter 9: Dams. Chapter 10: Design of Surface and Sub surface Drainage Network for Irrigation Command. Chapter 11: Canal Outlets or Modules and Irrigation Efficiency. Chapter 12: Cross Drainage Works. Chapter 13: Pricing of Irrigation of Water in India. Chapter 14: Environmental Issues of Irrigation. Chapter 15: Questions on Irrigation Engineering. Appendix	

Author

Santosh Kumar: Former Professor of civil Engineering at the Bihar college of Engineering/NIT Patna obtained his Bachelor's degree in civil Engineering from Regional Institute of Technology/IT Jamshedpur and Master's degree from University of Roorkee/IIT Roorkee. Further he obtained Dip. H.E. from Patna University," Prof. Kumar taught water resources related subjects for more than 40 years. During his tenure he successfully guided four Ph.Ds. and a record 28 M.Tech dissertations. He also produced more than 50 research papers. Later he also acquired advanced knowledge in Environmental Science." Dr. Kumar was picked up by the World Bank as a consultant to its projects in Bihar at FMISC, where he served for four years. He is a fellow of Institution of Engineers India; Chairman Indian Water Resources Society (Patna Chapter). Dr. Kumar has authored an important book "River Engineering - Theory and Practice". He is also a visiting faculty to Patna University. Being a social activist he coaches poor children (Class 4 to 10) in Science and Mathematics at his residence.

