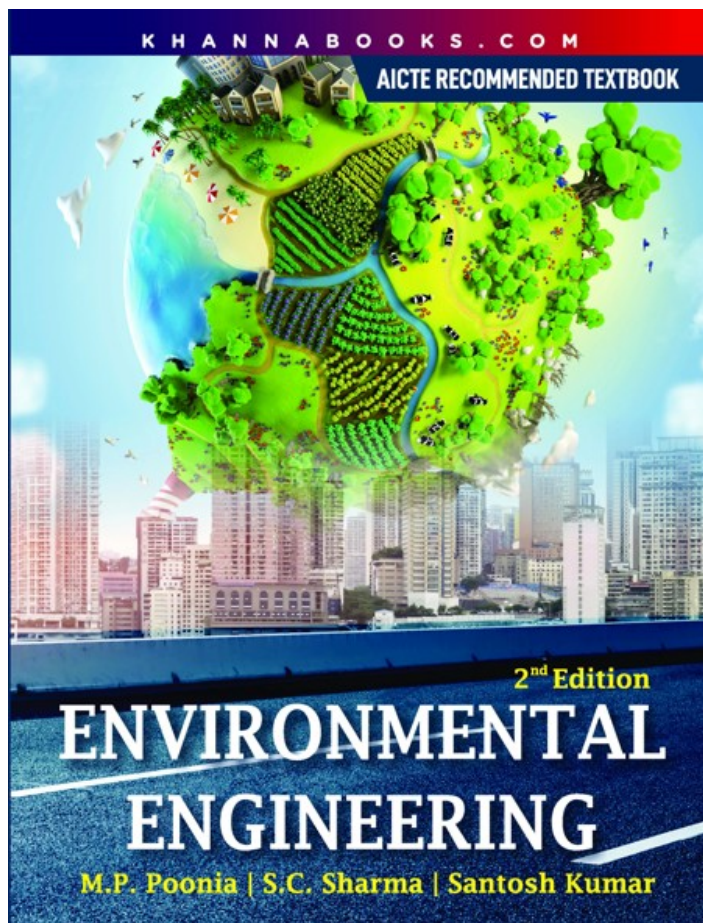




Environmental Engineering

Author :	M.P. Poonia
ISBN 13 :	978-93-90779-07-9
ISBN 10 :	93-90779-07-3
E-ISBN 13 :	978-93-90779-07-9
Edition :	Second
Pages :	500
Type of book :	Paperback
Weight (g) :	540.00
Year :	2023
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 499.00
Categories :	Environmental Engineering , Environmental Engineering
Condition Type :	New
Country Origin :	India

Product Description

This book covers the syllabi of "Environmental Engineering" and "Public Health Engineering" of various Indian Universities. The book is recommended in AICTE model curriculum. The book has been divided in 3 parts; namely; Water Supply Engineering; Sewage Engineering Air Pollution Engineering. The book is useful for Degree as well as Diploma students and is also likely to be useful for practising engineers in this field.



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

Chapter 1: Introduction to Environmental Engineering.

PART -1.WATER SUPPLY ENGINEERING

Chapter 2: Water Demands. **Chapter 3:** Source of Water. **Chapter 4:** Water Quality And Characteristics. **Chapter 5:** Transmission of Water. **Chapter 6:** Pumps And Pumping Stations. **Chapter 7:** Purification of Water Supply. **Chapter 8:** Water Distribution System. **Chapter 9:** Plumbing Systems In Buildings. **Chapter 10:** Rural Water Supply. **PART-2. SEWAGE DISPOSAL AND SOLID WASTE MANAGEMENT** **Chapter 11:** Waste Water (Sanitation) System. **Chapter 12:** Sewage Construction, Maintenance And Appurtenances. **Chapter 13:** Sewage Pumping And Pumping Stations. **Chapter 14:** Sewage Collection From Residential And Other Buildings. **Chapter 15:** Disposal of Sewage Effluents. **Chapter 16:** Treatment of Sewage (Domestic Wastewaters). **Chapter 17:** Treatment of Industrial Wastewater. **Chapter 18:** Solid Waste And Its Management. **PART-3. AIR POLLUTION ENGINEERING AND NOISE POLLUTION** **Chapter 19:** Air Pollution, Causes And Effects. **Chapter 20:** Air Pollution Control. **Chapter 21:** Noise Pollution And Control. **PART-4. ENVIRONMENT IMPACT ASSESSMENT AND SOME IMPORTANTS TOPOICS** **Chapter 22:** Environment Impact Assessment (EIA). **Chapter 23:** Some Important Topics. **Chapter 24:** Appendix-I: Question Bank **Index**



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

Authors

M.P. Poonia Dr. M.P. Poonia is presently serving as Vice Chairman, All India Council for Technical Education (AICTE). Prior to this, he remained as Director, National Institute of Technical Teachers' Training and Research (NITTTR), Chandigarh. Dr. Poonia is the recipient of Bharat Mata Award conferred by Indian Institute of Oriental Heritage (an International Institute of Oriental Studies and Research, Kolkata). Dr. M.P.Poonia is specialized in the field of Mechanical Engineering. He possesses a vast experience of 30 years. He has published 80 research papers in National and International Journals and published 8 books with M/s. Khanna Book Publishing Company.

S.C. Sharma S.C. Sharma after graduation in 1966 joined as lecturer in Mechanical Engineering. He had been associated for more than 4 decades in various fields including learning and management of projects in India and abroad in different capacities. While working Hydro power projects for more than 15 years he has actively associated with various environmental and rehabilitation & resettlement issues and successfully resolved various complicated issues. He has also worked as consultant for matters related to safety, environment and R & R. He has written about a dozen books on subjects related to engineering and management including management of projects.

Santosh Kumar Prof. 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/NIT Jamshedpur and Master's degree from University of Roorkee/NIT Roorkee. Further he obtained Dip. H.E. From Delft University, Netherlands. He completed his Ph. D 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).

