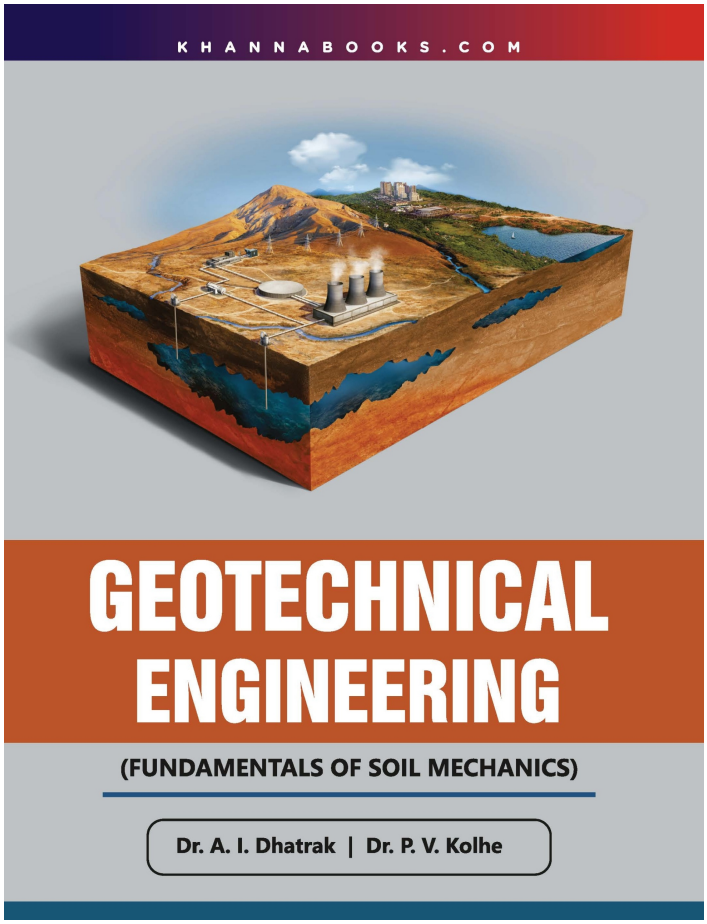

Geotechnical Engineering (Fundamentals of Soil Mechanics)

Author :	A. I. Dhatrak
ISBN 13 :	978-93-55386-62-5
ISBN 10 :	93-55386-82-1
E-ISBN 13 :	978-93-55386-62-5
Edition :	First
Pages :	252
Type of book :	Paperback
Year :	2026
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 398.00
Categories :	Civil Engineering
Condition Type :	New
Country Origin :	India

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

Product Description

Geotechnical Engineering (Fundamentals of Soil Mechanics) This book offers comprehensive information about the fundamental concepts of soil behavior and geotechnical engineering for students, educators and professionals. It explains the types, classification and properties of soil along with its procedure in a clear detailed manner. Covering historical development. Formation, three phase diagram, index as well as engineering properties such as compaction, permeability, seepage analysis, stresses, consolidation and shear strength, the book draws from international standards such as ASTM, KIS. One of the key strengths is clear explanation of complex concepts using real world examples and historical case studies making it a valuable reference across various geotechnical engineering solutions. Salient Features

- It provides fundamental information about the soil formation and its classification.
- It includes detailed information about the index and engineering properties which controls the behaviour of soil.
- It is rich in solved examples ad case studies which make it more clear and easy to understand.
- It provides detailed procedure for testing the soil as per Indian standard.
- It includes data from ASTM, BIS and other international standard.
- It includes applications of soil engineering in the field of Civil Engineering.

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