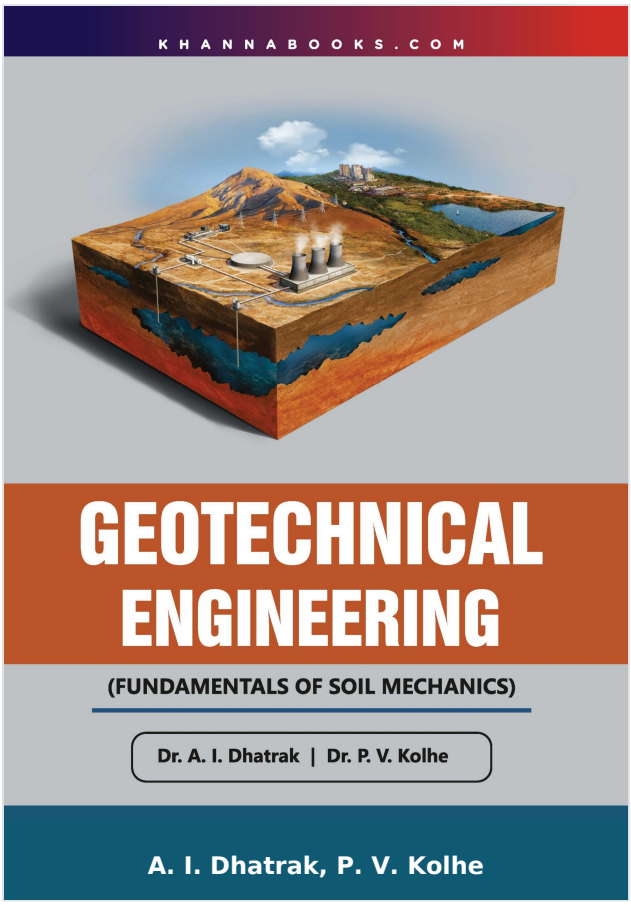

Geotechnical Engineering (Fundamentals of Soil Mechanics)

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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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Author

A. I. Dhatrak

Dr. A.I. Dhatrak (BE, ME, PhD) is an Associate professor at Government college of Engineering, Amravati with over 37 years of teaching experience. He is working as National Executive Council Member for ISTE, New Delhi since 2006. He holds senior positions including chairman – IGS Amravati Chapter, Member BOS at Amravati University, and Ex – Dean Academics at GCOEA. His research interests primarily focus on geotechnical Engineering and Water Resources Engineering along with consultancy

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services. He is life member of various professional societies like IGS, ISTE, IEI, IWWA, ISH, IRC and ICI. Dr. P. V. Kolhe (B. Tech, M. Tech, PhD) is an Assistant professor at PRMIT&R, Badnera, Amravati with over 12 Years of teaching experience. His research interests primarily focus on geotechnical and Transportation Engineering along with consultancy services. He is life member of various professional societies like IGS, ISTE, and IEI.

P. V. Kolhe

Dr. P. V. Kolhe (B. Tech, M. Tech, PhD) is an Assistant professor at PRMIT&R, Badnera, Amravati with over 12 Years of teaching experience. His research interests primarily focus on geotechnical and Transportation Engineering along with consultancy services. He is life member of various professional societies like IGS, ISTE, and IEI.

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