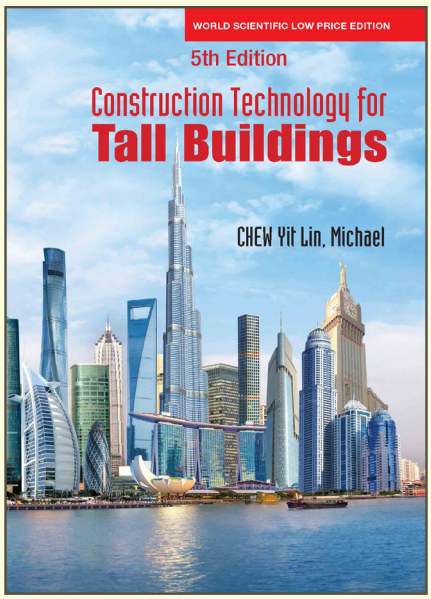
Construction Technology for Tall Buildings

5th Edition



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ISBN	9781944660925
Extent	420pp
Binding	Paperback
Year	2024
Price	Rs. 3195

ABOUT THE BOOK

This 5th edition covers the latest practices and processes of various alternative methods for the construction of tall buildings from foundation to roof. The text progresses through the stages of site investigation, excavation and earthmoving, foundation construction, basement construction, structural systems for the superstructure, site and material handling, wall and floor construction, external wall and roof construction. The planning, safety and environmental considerations, methods, materials, equipment, and construction sequence of the various proprietary systems for each of these respectively stages are discussed.

The target readers are practitioners and students in building and construction professions including architecture, engineering, project and facilities management, building and construction management, real estate, quantity and land surveying.

READERSHIP

Undergraduate students and practitioners in architecture, civil engineering, building, real estate, construction, project and facilities management, and quantity and land surveying.

CONTENTS

- Assembly of Building
- Safety and Health
- Site Investigation
- Foundation
- Basement Construction
- Materials Handling and Mechanisation
- Wall and Floor Construction
- External Wall Construction
- Roof Construction