



Construction Engineering & Management

Author :	Sparsh Johari
ISBN 13 :	978-93-55385-30-7
ISBN 10 :	93-55385-30-7
E-ISBN 13 :	978-93-55385-30-7
Pages :	308
Type of book :	Paperback
Year :	2026
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 548.00
Categories :	AICTE Prescribed Textbooks, English Books
Condition Type :	New
Country Origin :	India

Product Description

Construction Engineering & Management “Construction Engineering & Management” is a field that encompasses the planning, design, construction, and management of infrastructure projects. This book typically covers various topics relevant to the construction work. It includes introduction to construction materials, methods, and techniques commonly used on construction sites. In addition, concepts such as scheduling, cost estimation, resource allocation, risk management, safe working environment, and quality control are also included. Salient Features:

- Content of the book aligned with the mapping of Course Outcomes, Programs Outcomes and Unit Outcomes.
- In the beginning of each unit learning outcomes are listed to make the student understand what is expected out of him/her after completing that unit.
- Book provides lots of recent information, interesting facts, QR Code for E-resources.
- Student and teacher centric subject materials included in book with balanced and chronological manner.
- Figures, tables, and photographs are inserted to improve clarity of the topics.
- Question are given for practice of students after every chapter.
- Solved numerical problems are illustrated in the chapters.

Table of Contents

Foreword Acknowledgement Preface Outcome Based Education Course Outcomes Guidelines for Teachers Guidelines for Students Abbreviations and Symbols List of Figures List of Tables

- BASICS OF CONSTRUCTUIN
- CONSTRUCTION PROJECT PLANNING
- CONSTRUCTUIN METHODS BASICS
- CONSTRUCTION EQUIPMENT BASICS
- PLANNING AND ORGANISING CONSTRUCTION SITE AND RESOURCES
- PROJECT MONITORING AND CONTROL
- CONTRACTS MANAGEMENT BASICS
- CONSTRUCTION COSTS

APPENDICES REFERENCES FOR FURTHER LEARNING CO AND PO ATTAINMENT TABLE 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

Author

Dr. Sparsh Johari Assistant Professor Department of Civil Engineering, Indian Institute of Technology Guwahati



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