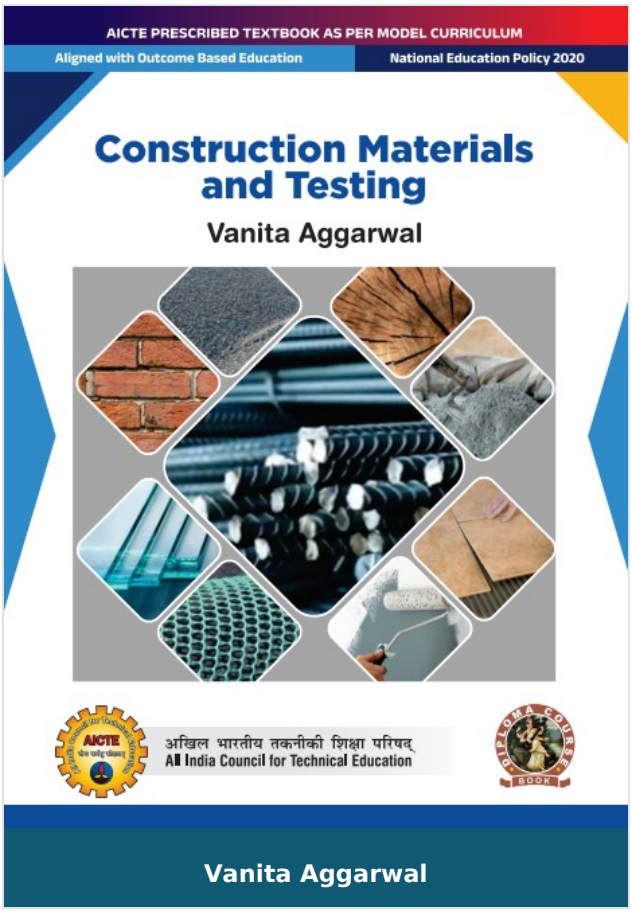


Construction Materials and Testing

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Product Description

Construction Materials and Testing

This book familiarizes the students with different types of Construction Materials. It provides exposure of conventional as well as advanced materials to Civil Engineering students. The content includes details of a relative comparison, merits and demerits, and challenges of different types of materials used in construction and their application in real life projects.

The main aim of this book is to enable students to reach the most suitable material for use in different scenarios. The content of this book is aligned with the model curriculum of AICTE followed by concept of outcomes-based education as per the National Education policy (NEP)2020.

Salient features:

- Content of the book aligned with the mapping course outcomes, programs and Units 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, QR code for use of ICT, projects, group discussion etc.
- Student and teacher centric subject materials included in book with balanced and chronological manner.
- Figures, tables, and software screen shots are inserted to improve clarity of the topics.
- Apart from essential information a ‘know more’ section is also provided in each unit to extend the learning beyond syllabus.

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- Short questions, objective questions and long answer exercises are given for practice of students after every chapter.
- Solved and unsolved problems including numerical examples are solved with systematic steps.

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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
- Overview of Construction Materials
- Natural Construction Materials
- Artificial Construction Materials
- Special Construction Materials
- Processed Construction Materials
- CO and PO Attainment Table
- References for Further Learning
- Index

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