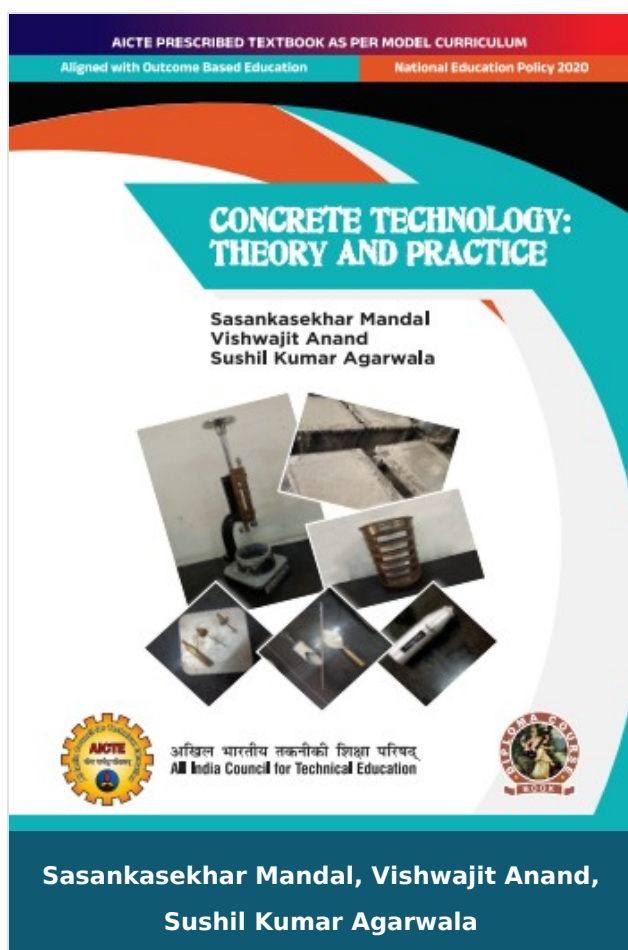




Concrete Technology: Theory and Practice

Author : Sasankasekhar Mandal, Vishwajit Anand, Sushil Kumar Agarwala

ISBN 13 : 978-93-55382-65-8

ISBN 10 : 9355382650

E-ISBN 13 : 978-93-55382-65-8

Edition : First

Pages : 212

Type of book : Physical

Year : 2026

Language : English

Publisher : Khanna Publishing House

M.R.P : Rs 398.00

Categories : [English Books](#), [Book Store](#), [AICTE Prescribed Textbooks](#)

Condition Type : New

Country Origin : India

Product Description

Concrete Technology: Theory and Practice

This book is intended to provide students and professionals, a deep understanding of concrete technology. It explains the fundamental concepts, material characteristics and related laboratory experiments on concrete and its ingredients. It also includes latest relevant provisions of Indian standards such as IS 456, IS 10262, IS 383, IS 2386 and IS 516.

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.
- 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.

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
- Cement Aggregate and Water
- Concrete
- Concrete Mix Design and Testing of Concrete
- Quality Control of Concrete and Concreting Operations
- Admixtures and Types of Special Concrete
- Laboratory Tests on Concrete and its Ingredients
- CO and PO Attainment Table
- Index

Author

Sasankasekhar Mandal

Prof. Sasankasekhar Mandal Professor, Department of Civil Engineering, IIT (BHU),
Varanasi, India Prof.

Vishwajit Anand

Dr. Vishwajit Anand Assistant Professor, Department of Civil Engineering, IIT (BHU),
Varanasi, India

Sushil Kumar Agarwala

Prof. Sushil Kumar Agarwala Former Professor, Department of Civil Engineering, IIT
Roorkee, India Dr.