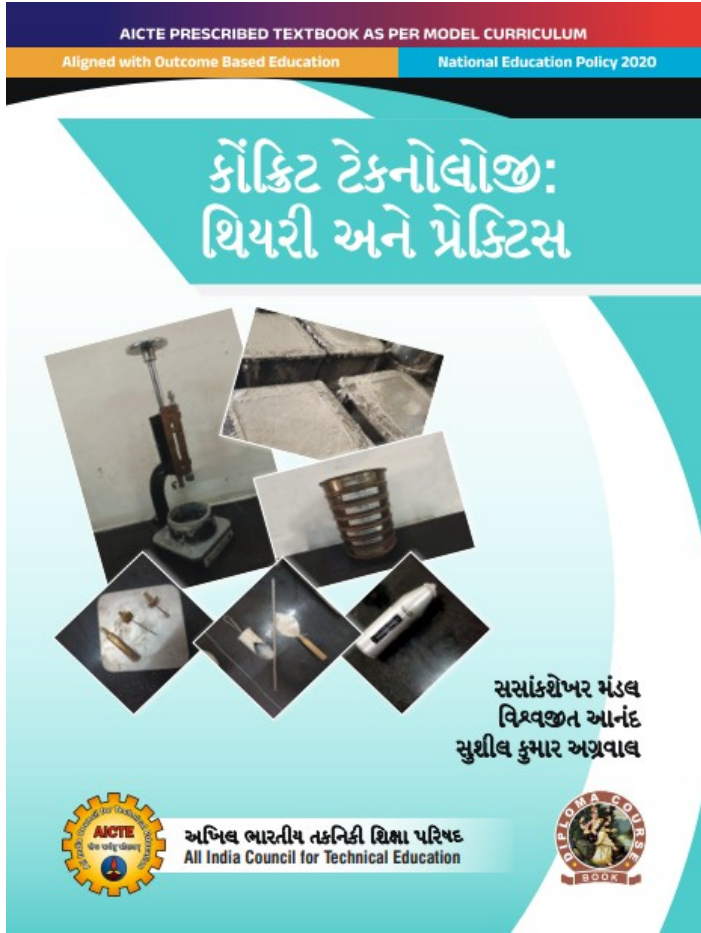




Concrete Technology: Theory and Practice

Author :	Sasankasekhar Mandal
ISBN 13 :	978-93-55384-85-0
ISBN 10 :	93-55384-85-8
E-ISBN 13 :	978-93-55384-85-0
Edition :	First
Pages :	428
Type of book :	Paperback
Year :	2026
Language :	Gujarati
Publisher :	Khanna Publishing House
M.R.P :	Rs 625.00
Categories :	AICTE Prescribed Textbooks, Gujarati Books
Condition Type :	New
Country Origin :	India

Product Description

Concrete Technology: Theory and Practice



Concrete Technology: Theory and Practice

Author :	Sasankasekhar Mandal
ISBN 13 :	978-93-55382-65-8
ISBN 10 :	93-55382-65-0
E-ISBN 13 :	978-93-55382-65-8
Edition :	First
Pages :	212
Type of book :	Paperback
Year :	2026
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 398.00
Categories :	AICTE Prescribed Textbooks, English Books
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

1. Cement Aggregate and Water
2. Concrete
3. Concrete Mix Design and Testing of Concrete
4. Quality Control of Concrete and Concreting Operations
5. Admixtures and Types of Special Concrete
6. Laboratory Tests on Concrete and its Ingredients

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

Prof. Sasankasekhar Mandal Professor, Department of Civil Engineering, IIT (BHU), Varanasi, India **Prof. Sushil Kumar Agarwala** Former Professor, Department of Civil Engineering, IIT Roorkee, India **Dr. Vishwajit Anand** Assistant Professor, Department of Civil Engineering, IIT (BHU), Varanasi, India

