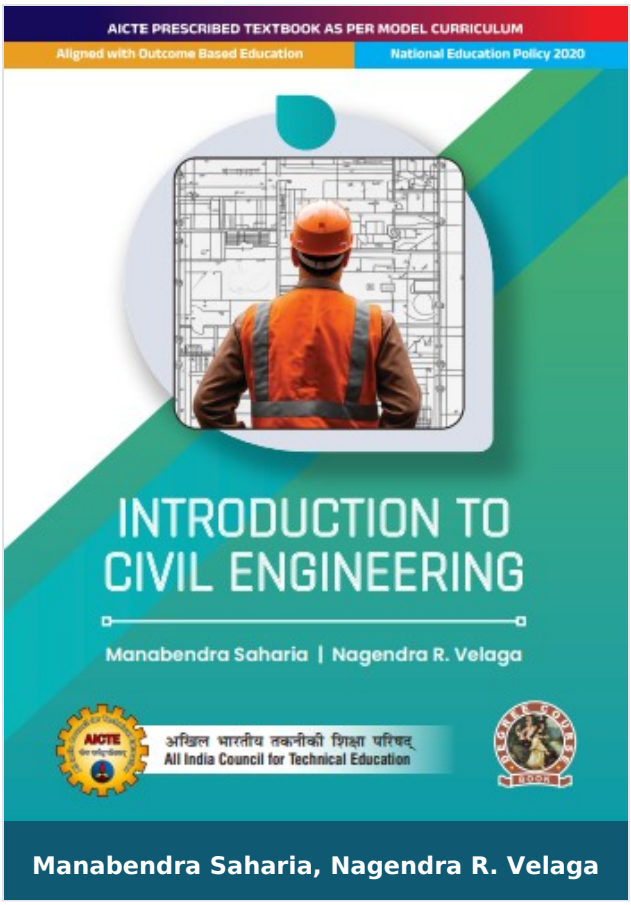



# Introduction to Civil Engineering

| | |
|---|---|
| **Author :** | Manabendra Saharia, Nagendra R. Velaga |
| **ISBN 13 :** | 978-93-55387-04-2 |
| **ISBN 10 :** | 9355387040 |
| **E-ISBN 13 :** | 978-93-55387-04-2 |
| **Edition :** | First |
| **Pages :** | 196 |
| **Type of book :** | Physical |
| **Year :** | 2026 |
| **Language :** | English |
| **Publisher :** | Khanna Publishing House |
| **M.R.P :** | Rs 358.00 |
| **Categories :** | English Books, Book Store, AICTE Prescribed Textbooks |
| **Condition Type :** | New |
| **Country Origin :** | India |

## Product Description

### Introduction to Civil Engineering

This book has been written to provide a broad overview of Civil Engineering second year undergraduate students. Syllabus of this book is aligned with the AICTE model curriculum as per the National Education Policy (NEP) 2020. Each topic has been written in an easy and lucid manner with ample examples and QR code links to online resources.

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, 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

**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

## 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 CIVIL ENGINEERING
- STRUCTURAL ENGINEERING
- GEOTECHNICAL ENGINEERING
- WATER RESOURCES ENGINEERING AND SUSTAINABILITY
- TRAFFIC AND TRANSPORTATION ENGINEERING
- PRACTICAL ACTIVITIES
- References
- Dynamic QR Code for Further Reading


## Author


**Manabendra Saharia**

Prof. Manabendra Saharia Assistant Professor, Department of Civil Engineering Prof.

**Nagendra R. Velaga**



**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

Prof. Nagendra R. Velaga Professor, Department of Civil Engineering

**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