



Mathematics II (English)

Author : Garima Singh

ISBN 13 : 978-93-91505-52-3

ISBN 10 : 93-91505-52-X

E-ISBN 13 : 978-93-91505-52-3

Edition : First

Pages : 160

Type of book : Paperback

Year : 2023

Language : English

Publisher : Khanna Publishing House

Regular Price : Rs 252.00

Sale Price : Rs 201.60

Categories : [AICTE Prescribed Textbooks](#), [All books](#), [English Books](#)

Condition Type : New

Country Origin : India

Product Description

“Mathematics-II” is a Compulsory paper for the first year students of Diploma engineering courses (common to all branches). Syllabus of this book is strictly aligned to the model curriculum of AICTE. And academic content is amalgamated with the concept of outcome based education. Apart from diploma it is useful for all students who are interested in basic /elementary mathematics and competitive examinations.

Book covers seven topics- Determinants, Matrices, Integral Calculus and it's applications. Co-ordinate Geometry and it's applications, vectors and it's applications, Differential equations. Basic of MATLAB.

Each topic is written in an easy and lucid manner with a holistic view. There has been deliberated attempt to keep the number of pages in the book minimum without compromising with the matter. Every chapter contains a set of exercises at the end of each unit to test the student's comprehension.

Some salient features of the book:

- | For direct recapitulation of main concepts, formulae and results a brief summary of each unit has been given.
- | Objective questions and subjective questions are given for practice of students after every unit.
- | Content of the book is aligned with the mapping of Course Outcomes, Programs Outcomes and uni Outcomes.
- | Apart from the theory explanation and solved examples book provides for mini projects, activities, fun facts, QR codes, case studies, video resources etc.
- | The text has been supplemented with



Table of Contents

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

1- Determinants and Matrices
2- Integral Calculus
3- Co-ordinate Geometry
4- Vector Algebra
5- Differential Equations
6- Appendices & Annexures

Author

Garima Singh Garima Singh </p>

