

Advanced Surveying: Theory & Practice

Author : Parshottam Sarathe

ISBN 13 : 978-93-55387-37-0

ISBN 10 : 93-55387-37-7

E-ISBN 13 : 978-93-55387-37-0

Edition : First

Pages : 176

Type of book : Paperback

Year : 2026

Language : Gujarati

Publisher : Khanna Publishing House

M.R.P : Rs 298.00

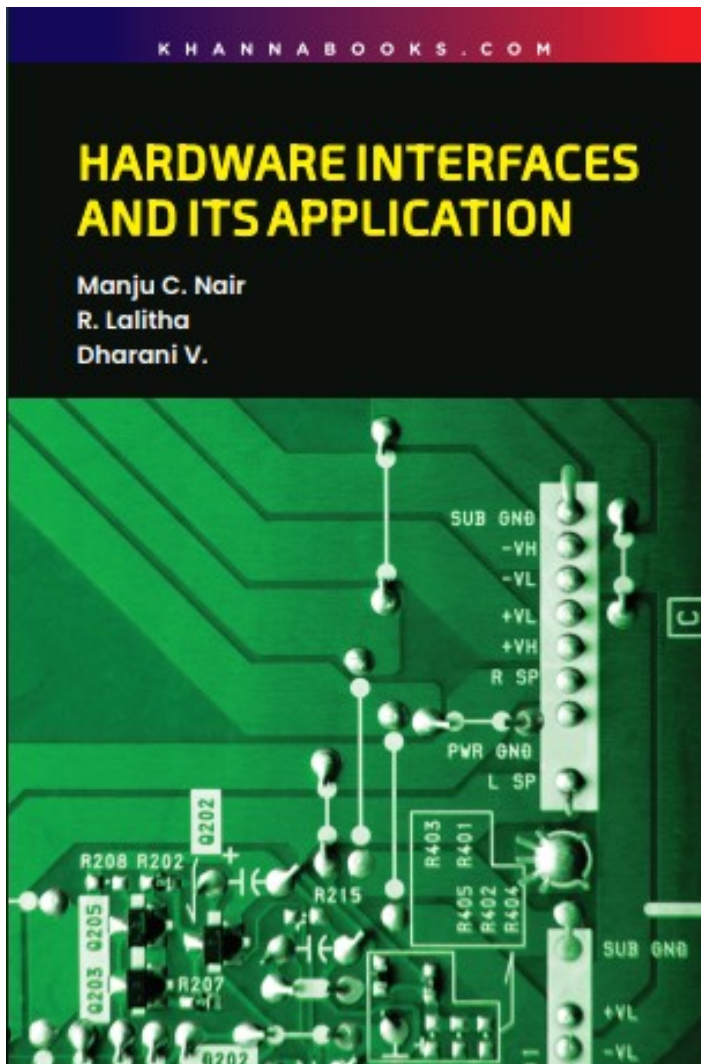
Categories : [AICTE Prescribed Textbooks,](#)
[Gujarati Books](#)

Condition Type : New

Country Origin : India

Product Description

Advanced Surveying: Theory & Practice



Hardware Interfaces and Its Application

Author :	Dharani V.
ISBN 13 :	978-93-55386-43-4
ISBN 10 :	93-55386-43-5
E-ISBN 13 :	978-93-55386-43-4
Edition :	First
Pages :	176
Type of book :	Paperback
Year :	2026
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 298.00
Categories :	Sathyabhama Series
Condition Type :	New
Country Origin :	India

Product Description

Hardware Interfaces and Its Application The foundation of modern technology—from high-performance computing to advanced networking and Artificial Intelligence—rests on the seamless integration of hardware interfaces. *Hardware Interfaces and Its Application* serves as a comprehensive and structured guide, providing a crucial understanding of the intricate connections that determine the performance, reliability, and functionality of modern computing systems. This book meticulously covers the evolution of personal computers, delves into essential components like processors, memory, and storage, and explores the crucial interfaces of motherboard designs, power management, and bus architectures. The core purpose of this resource is to bridge the gap between foundational theoretical concepts and real-world, practical applications. It progresses logically, beginning with the history of computing and culminating in advanced topics such as modern CPU concepts, high-speed storage interfaces (NVMe, Hybrid), and network security protocols. The text ensures readers gain both theoretical expertise and practical insights for system optimization and maintenance. Tailored for a broad audience, including students, aspiring engineers, IT professionals, and researchers, the content is carefully curated to cater to different levels of expertise. Whether you are a beginner seeking solid grounding or an experienced professional aiming to deepen your knowledge, this book is an invaluable reference for navigating the complexities of modern hardware architecture and staying updated with emerging industry trends. **Salient Features:**

- **Foundational Architecture:** Explores the evolution of computing from mechanical devices to modern AI-powered systems and establishes the core principles of the Von Neumann architecture.
- **Modern CPU Concepts:** Detailed coverage of processor modes (Real, Protected, Virtual) and modern multi-core architectures, including CPU overclocking and performance optimization techniques.
- **Advanced Storage Solutions:** Comprehensive comparison of HDD vs. SSD technologies and in-depth discussions on RAID configurations, cloud storage, and high-speed NVMe interfaces for data management.
- **System Interconnectivity:** Focuses on core interfaces, including motherboard form factors, chipset roles, BIOS/UEFI firmware, and bus architectures like PCI Express and Thunderbolt.
- **Practical I/O & Networking:** Dedicated units on I/O peripherals (Serial/Parallel Ports) and network components (Switches, Routers, Cabling), crucial for system integration and performance.
- **Real-World**



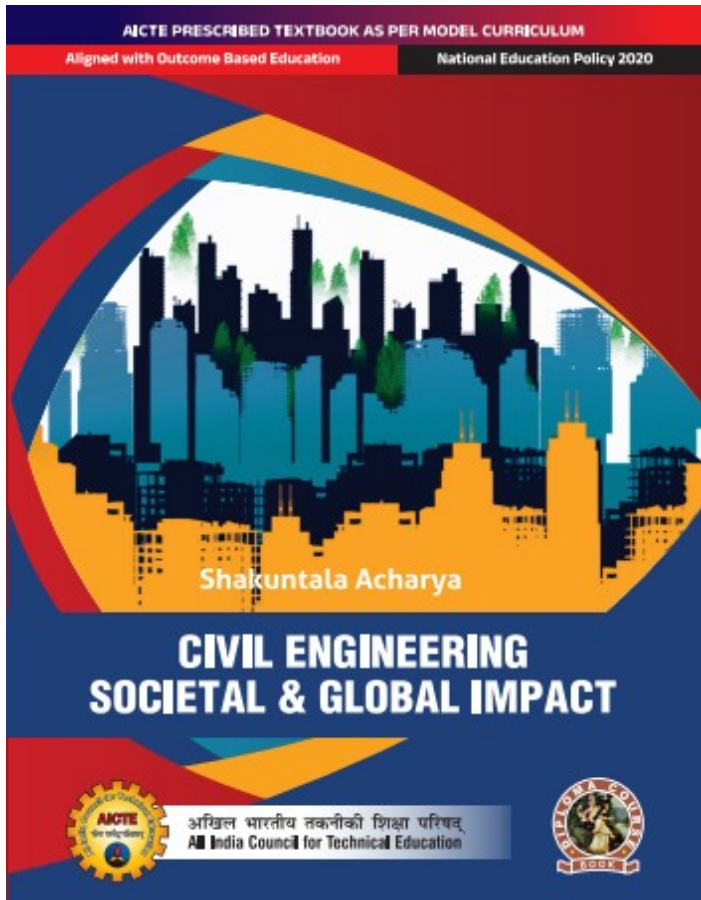
Table of Contents

- INTRODUCTION TO PC AND MEMORY
 - MOTHERBOARD DESIGNS
 - STORAGE DEVICES AND DATA INTERFACES
 - MEMORY MANAGEMENT AND OPTIMIZATION
 - ADVANCED STORAGE TECHNOLOGIES
-

Author

Manju C. Nair, Associate Professor, Dept of CSE, Sathyabhama Institute of Science and Technology **R.Lalitha**, Associate Professor, Dept of CSE, Sathyabhama Institute of Science and Technology **Dharani V.**, Associate Professor, Dept of CSE, Sathyabhama Institute of Science and Technology





Civil Engineering Societal and Global Impact

Author :	Shakuntala Acharya
ISBN 13 :	978-93-55384-84-3
ISBN 10 :	93-55384-84-X
E-ISBN 13 :	978-93-55384-84-3
Edition :	First
Pages :	176
Type of book :	Paperback
Year :	2026
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 348.00
Categories :	AICTE Prescribed Textbooks, English Books
Condition Type :	New
Country Origin :	India

Product Description

Civil Engineering Societal and Global Impact This book familiarizes the students with the concept of sustainability in the context of Civil Engineering. This book includes fundamentals of sustainable development and impact of civil engineering in total of six units, as impact of Civil Engineering: An Introduction, Importance of Civil Engineering, Infrastructure, Environment, Built Environment, and Civil Engineering Projects. Main purpose of this book is to help under graduate civil engineering students to understand and apply the concepts of sustainability to applications in engineering problems. The content of this book is aligned with the model curriculum of AICTE followed by concept of outcome-based education as per 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.
- 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

- Impact of Civil Engineering: An Introduction
- Importance of Civil Engineering
- Infrastructure
- Environment
- Built Environment
- Civil Engineering Projects

References for Further Learning Index

Author

Dr. Shakuntala Acharya Assistant Professor, IIT Guwahati, Assam



AICTE মডেল পাঠ্যক্রম অনুযায়ী পাঠ্যপুস্তক নির্ধারিত

ফলাফল ভিত্তিক শিক্ষার সাথে সংযুক্ত

জাতীয় শিক্ষা নীতি 2020

ইঞ্জিনিয়ারিং ওয়ার্কশপ অনুশীলন



এ. কে. সারাথে

Engineering Workshop Practice

Author :	A. K. Sarathe
ISBN 13 :	978-93-55381-37-8
ISBN 10 :	93-55381-37-9
E-ISBN 13 :	978-93-55381-37-8
Edition :	1
Pages :	176
Type of book :	Paperback
Year :	2025
Language :	Bengali
Publisher :	Khanna Publishing House
Categories :	AICTE Prescribed Textbooks , Bengali Books , Ebooks
Condition Type :	New
Country Origin :	India

Product Description

“ Engineering Workshop Practice Manual” is a common paper for the first year Diploma course in Engineering & Technology. Syllabus of this book is strictly aligned as per model curriculum of AICTE and academic content is amalgamated with the concept of outcome based education. Engineering Workshop Practice manual covers five units- First unit deals with the carpentry, second unit is about fitting , third unit focuses on welding, fourth units discusses about sheet metal working and the fifth unit deals with electrical house wiring . The manual comprises of total seventeen workshop practical from P1 to P17 and the same are arranged in hierarchical manner from simple to complex so that students should not only focus on completing the practical and getting the marks/ grades but will also be motivated to create useful products incorporating their creative and critical thinking as well. Some salient features of the book: 1. Content of the manual aligned with the mapping of Course Outcomes, Programs Outcomes and practical outcomes. 2. Relevant theory has been included at the beginning of each practical. 3. The manual has been developed to ensure alignment with the Outcome Based Education philosophy and consisting of total seventeen workshop practical. 4. Unit wise practical are arranged in hierarchical manner from simple to complex. 5. Manual provides recent information and QR Code for E-resources etc. 6. Figures, photographs and table are inserted to improve clarity of the content.

Table of Contents

Foreword, Acknowledgement, Preface, Outcome Based Educations, Course Outcomes, Abbreviations and Symbols, List of Figures, List of tables Guidelines for Teachers, Guidelines for Students UNIT 1: Carpentry. UNIT 2: Fitting. UNIT 3: Welding Tools and Equipment. UNIT 4: Sheet Metal Working. UNIT 5: Electrical House wiring. Index

Author

A. K. Sarathe



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

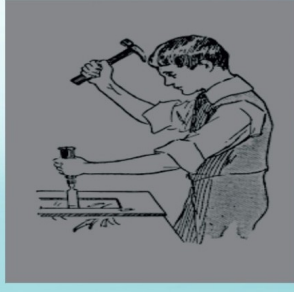
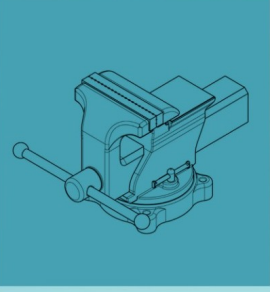
AICTE মডেল পাঠ্যক্রম অনুযায়ী পাঠ্যপুস্তক নির্ধারিত

ফলাফল ভিত্তিক শিক্ষার সাথে সংযুক্ত

জাতীয় শিক্ষা নীতি 2020

কর্মশালা/উত্পাদন অনুশীলন

(ল্যাব ম্যানুয়াল সহ)



বীরানা ডি. কেঞ্চানাডার

Workshop / Manufacturing Practices (with Lab Manual)

Author :	Veerana D.K.
ISBN 13 :	978-93-55381-10-1
ISBN 10 :	93-55381-10-7
E-ISBN 13 :	978-93-55381-10-1
Edition :	1
Pages :	176
Type of book :	Paperback
Year :	2025
Language :	Bengali
Publisher :	Khanna Publishing House
Categories :	AICTE Prescribed Textbooks , Bengali Books , Ebooks
Condition Type :	New
Country Origin :	India

Product Description

The textbook on “Workshop/ Manufacturing Practices” is designed to cater the needs of young minds of 21 century. The AICTE model curriculum and National Education Policy has driven a new wave in the technical education. The textbook is designed not only to cater the need of the syllabus but also to look things in a different perspective. The Workshop is the place where the core of learning about different materials, equipment, tools and techniques takes place. Basically the workshop used to prepare the small components by hand tools. Sometimes they may be parts of the large machines or may may be parts for replacement/repairs. In this text book an attempt has been made to connect the conventional tools usage to advanced machine tools usage. The relevant practical examples are quoted to make the readers more comfortable with product and processes. The blooms taxonomy is followed in construction of each chapters and exercises. The objective and multiple questions with higher order thinking may help the readers to not only to face the semester end exam even they may help in competitive and other examinations. Salient Features: 1. Manufacturing Methods 2. CNC Machining, Additive manufacturing 3. Fitting operations & power tools 4. Electrical & Electronic 5. Carpentry 6. Plastic moulding, glass cutting 7. Metal casting 8. Welding (arc welding & gas welding), brazing 9. Laboratory experiments and models 10. Appendices 11. References

Table of Contents

Foreword Acknowledgement Preface Outcome Based Education Course Outcomes Abbreviations and Symbols List of Figures List of Tables Guidelines for Teacher Guidelines for Students Part- A: Manufacturing Practices Chapter 1: Manufacturing Methods. Chapter 2: CNC Machining, Additive manufacturing, Fitting operations & power tools. Chapter 3: Electrical & Electronic. Chapter 4: Carpentry, Plastic molding, glass cutting. Chapter 5: Metal casting, welding (arc welding & gas welding), brazing. Part- B: Workshop Practice Laboratory Appendices References

Author

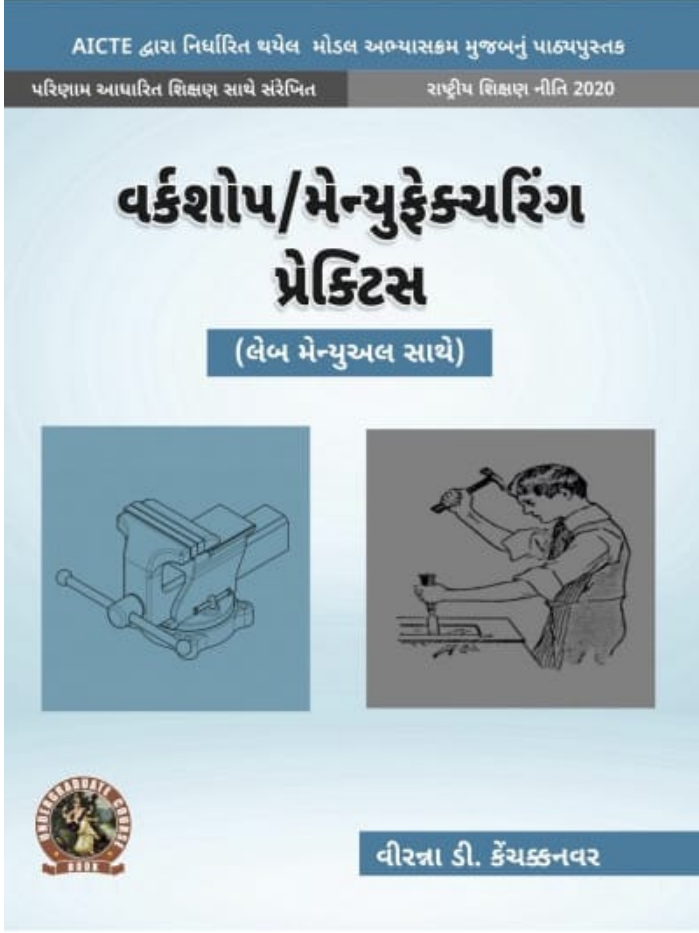
Veerana D.K.



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



Workshop / Manufacturing Practices (with Lab Manual)

Author :	Veerana D.K.
ISBN 13 :	978-93-55381-60-6
ISBN 10 :	93-55381-60-3
E-ISBN 13 :	978-93-55381-60-6
Edition :	First
Pages :	176
Type of book :	Paperback
Weight (g) :	290.00
Year :	2023
Language :	Gujarati
Publisher :	Khanna Publishing House
Categories :	AICTE Prescribed Textbooks , Ebooks , Gujarati Books
SKU :	1725639338
Condition Type :	New
Country Origin :	India

Product Description

The textbook on “Workshop/ Manufacturing Practices” is designed to cater the needs of young minds of 21 century. The AICTE model curriculum and National Education Policy has driven a new wave in the technical education. The textbook is designed not only to cater the need of the syllabus but also to look things in a different perspective. The Workshop is the place where the core of learning about different materials, equipment, tools and techniques takes place. Basically the workshop used to prepare the small components by hand tools. Sometimes they may be parts of the large machines or may may be parts for replacement/repairs. In this text book an attempt has been made to connect the conventional tools usage to advanced machine tools usage. The relevant practical examples are quoted to make the readers more comfortable with product and processes. The blooms taxonomy is followed in construction of each chapters and exercises. The objective and multiple questions with higher order thinking may help the readers to not only to face the semester end exam even they may help in competitive and other examinations. Salient Features: 1. Manufacturing Methods. 2. CNC Machining, Additive manufacturing. 3. Fitting operations & power tools. 4. Electrical & Electronic. 5. Carpentry. 6. Plastic moulding, glass cutting. 7. Metal casting. 8. Welding (arc welding & gas welding), brazing. 9. Laboratory experiments and models. 10. Appendices. 11. References.



Table of Contents

Foreword

Acknowledgement

Preface

Outcome Based Education

Course Outcomes

Abbreviations and Symbols

List of Figures

List of Tables

Guidelines for Teacher

Guidelines for Students

Part- A: Manufacturing Practices

Chapter 1: Manufacturing Methods. **Chapter 2:** CNC Machining, Additive manufacturing, Fitting operations & power tools. **Chapter 3:** Electrical & Electronic. **Chapter 4:** Carpentry, Plastic molding, glass cutting. **Chapter 5:** Metal casting, welding (arc welding & gas welding), brazing.

Part- B: Workshop Practice Laboratory

Appendices

References

Author

Veerana D.K.



Khanna Publishing House

4C/4344, Ansari Road, Daryaganj, New Delhi-110002

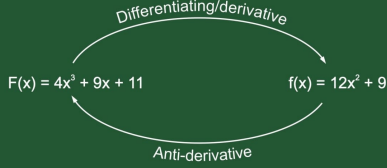
Email: contact@khannabooks.com | Tel: 011-2324 44 47 - 48 | Mobile: + +91-99109 09320

AICTE মডেল পাঠ্যক্রম অনুযায়ী বিধারিত পাঠ্যপুস্তক

ফলাফল ভিত্তিক শিক্ষার সাথে সংযুক্ত

জাতীয় শিক্ষা নীতি 2020

গণিত-II



$$A = \begin{bmatrix} a_{11} & a_{12} & a_{13} & \cdots & a_{1n} \\ a_{21} & a_{22} & a_{23} & \cdots & a_{2n} \\ \vdots & \vdots & \vdots & \vdots & \vdots \\ a_{m1} & a_{m2} & a_{m3} & \cdots & a_{mn} \end{bmatrix}$$



গরিমা সিং

Mathematics - II

Author :	Garima Singh
ISBN 13 :	978-93-55381-42-2
ISBN 10 :	93-55381-42-5
E-ISBN 13 :	978-93-55381-42-2
Edition :	First
Pages :	176
Type of book :	Paperback
Weight (g) :	230.00
Year :	2022
Language :	Bengali
Publisher :	Khanna Publishing House
Categories :	AICTE Prescribed Textbooks , Bengali Books , Ebooks
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: 1. For direct recapitulation of main concepts, formulae and results a brief summary of each unit has been given. 2. Objective questions and subjective questions are given for practice of students after every unit. 3. Content of the book is aligned with the mapping of Course Outcomes, Programs Outcomes and uni Outcomes. 4. Apart from the theory explanation and solved examples book provides for mini projects, activities, fun facts, QR codes, case studies, video resources etc. 5. The text has been supplemented with notes, remarks, remember sections within grey boxes. 6. Student and teacher centric subject materials are included in the book in a balanced manner. 7. Real life applications are inserted to improve clarity of this topics. 8. Know more section has been introduced which constitutes of additional information related to the topic. 9. Check-out section has been introduced so as to active the curiosity part of the student by correlating all the topics studied in this book with MATLAB. 10. At the end of each unit. An excerpt related to eminent Indian Mathematicians is given so as to make . 11. Student have a glimpse of the

Table of Contents

Foreword, Acknowledgement, Preface, Outcome Based Educations, Course Outcomes, Abbreviations and Symbols, List of Figures, Guidelines for Teachers, Guidelines for Students Chapter 1: Determinants and Matrices. **Chapter 2:**Integral Calculus. **Chapter 3:** Co-ordinate Geometry. **Chapter 4:** Vector Algebra. **Chapter 5:** Differential Equations. **Chapter 6:** Appendices & Annexures.

Author

Garima Singh



Khanna Publishing House

4C/4344, Ansari Road, Daryaganj, New Delhi-110002

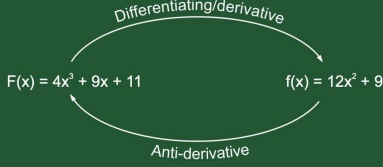
Email: contact@khannabooks.com | Tel: 011-2324 44 47 - 48 | Mobile: + +91-99109 09320

AICTE - ஆல் பரிந்துரைக்கப்பட்ட மாடுரி பாடத்திட்டத்தின் அடிப்படையிலான பாடப்புத்தகம்.

வினைவு அடிப்படையிலான கல்வியுடன் இயைபு பெற்றது

தேசிய கல்விக் கொள்கை 2020

கணிதவியல் - II



$$A = \begin{bmatrix} a_{11} & a_{12} & a_{13} & \cdots & a_{1n} \\ a_{21} & a_{22} & a_{23} & \cdots & a_{2n} \\ \vdots & \vdots & \vdots & \vdots & \vdots \\ a_{m1} & a_{m2} & a_{m3} & \cdots & a_{mn} \end{bmatrix}$$



கரிமா சிங்

Mathematics - II

Author :	Garima Singh
ISBN 13 :	978-93-91505-04-2
ISBN 10 :	93-91505-04-X
E-ISBN 13 :	978-93-91505-04-2
Edition :	First
Pages :	176
Type of book :	Paperback
Weight (g) :	230.00
Year :	2022
Language :	Tamil
Publisher :	Khanna Publishing House
Categories :	AICTE Prescribed Textbooks, Ebooks, Tamil Books
Condition Type :	New
Country Origin :	India



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

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: 1. For direct recapitulation of main concepts, formulae and results a brief summary of each unit has been given. 2. Objective questions and subjective questions are given for practice of students after every unit. 3. Content of the book is aligned with the mapping of Course Outcomes, Programs Outcomes and unit Outcomes. 4. Apart from the theory explanation and solved examples book provides for mini projects, activities, fun facts, QR codes, case studies, video resources etc. 5. The text has been supplemented with notes, remarks, remember sections within grey boxes. 6. Student and teacher centric subject materials are included in the book in a balanced manner. 7. Real life applications are inserted to improve clarity of this topics. 8. Know more section has been introduced which constitutes of additional information related to the topic. 9. Check-out section has been introduced so as to active the curiosity part of the student by correlating all the topics studied in this book with MATLAB. 10. At the end of each unit. An excerpt related to eminent Indian Mathematicians is given so as to make . 11. Student have a glimpse of the rich Indian

Table of Contents

Foreword, Acknowledgement, Preface, Outcome Based Educations, Course Outcomes, Abbreviations and Symbols, List of Figures, Guidelines for Teachers, Guidelines for Students Chapter 1: Determinants and Matrices. **Chapter 2:** Integral Calculus. **Chapter 3:** Co-ordinate Geometry. **Chapter 4:** Vector Algebra. **Chapter 5:** Differential Equations. **Chapter 6:** Appendices & Annexures.

Author

Garima Singh



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

AICTE PRESCRIBED TEXTBOOK AS PER MODEL CURRICULUM

Aligned with Outcome Based Education

National Education Policy 2020

ENGINEERING WORKSHOP PRACTICE



A. K. Sarathe

Engineering Workshop Practice

Author :	A. K. Sarathe
ISBN 13 :	978-93-91505-51-6
ISBN 10 :	93-91505-51-1
E-ISBN 13 :	978-93-91505-51-6
Edition :	First
Pages :	176
Type of book :	Paperback
Weight (g) :	260.00
Year :	2023
Language :	English
Publisher :	Khanna Publishing House
Categories :	AICTE Prescribed Textbooks , APPLIED SCIENCES & HUMANITIES , Ebooks , English Books
Condition Type :	New
Country Origin :	India

Product Description

“ Engineering Workshop Practice Manual” is a common paper for the first year Diploma course in Engineering & Technology. Syllabus of this book is strictly aligned as per model curriculum of AICTE and academic content is amalgamated with the concept of outcome based education. Engineering Workshop Practice manual covers five units- First unit deals with the carpentry, second unit is about fitting , third unit focuses on welding, fourth units discusses about sheet metal working and the fifth unit deals with electrical house wiring . The manual comprises of total seventeen workshop practical from P1 to P17 and the same are arranged in hierarchical manner from simple to complex so that students should not only focus on completing the practical and getting the marks/ grades but will also be motivated to create useful products incorporating their creative and critical thinking as well. Some salient features of the book: 1. Content of the manual aligned with the mapping of Course Outcomes, Programs Outcomes and practical outcomes. 2. Relevant theory has been included at the beginning of each practical. 3. The manual has been developed to ensure alignment with the Outcome Based Education philosophy and consisting of total seventeen workshop practical. 4. Unit wise practical are arranged in hierarchical manner from simple to complex. 5. Manual provides recent information and QR Code for E-resources etc. 6. Figures, photographs and table are inserted to improve clarity of the content.

Table of Contents

Foreword, Acknowledgement, Preface, Outcome Based Educations, Course Outcomes, Abbreviations and Symbols, List of Figures, List of tables Guidelines for Teachers, Guidelines for Students UNIT 1: Carpentry. **UNIT 2:** Fitting. **UNIT 3:** Welding Tools and Equipment. **UNIT 4:** Sheet Metal Working. **UNIT 5:** Electrical House wiring. **Index**

Author

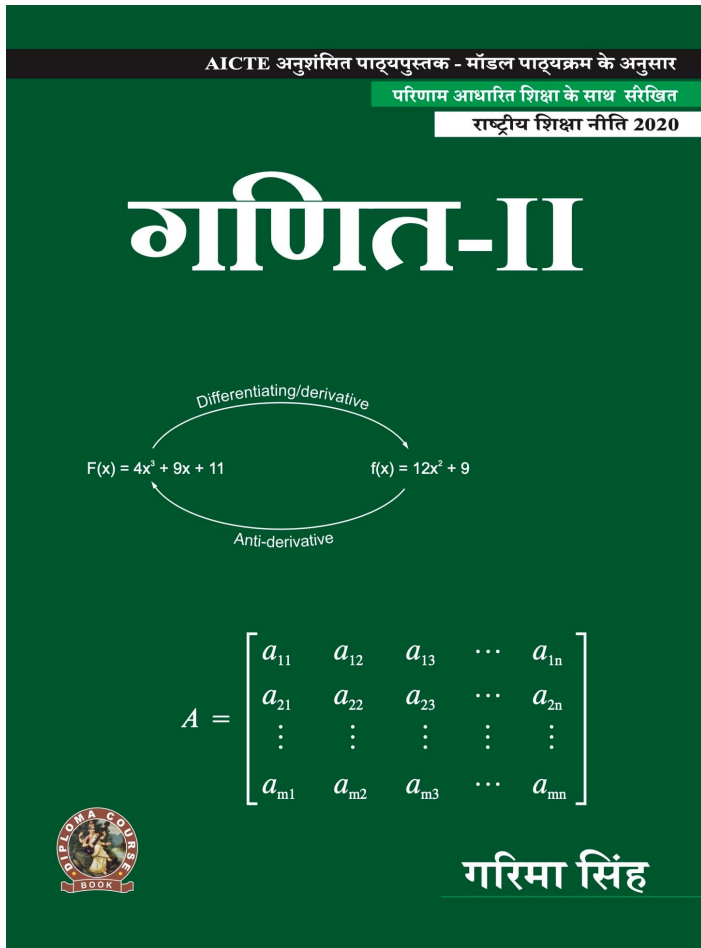
A. K. Sarathe



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



Mathematics II

Author :	Garima Singh
ISBN 13 :	978-93-55381-91-0
ISBN 10 :	93-55381-91-3
E-ISBN 13 :	978-93-55381-91-0
Edition :	First
Pages :	176
Type of book :	Paperback
Weight (g) :	230.00
Year :	2023
Language :	Hindi
Publisher :	Khanna Publishing House
Categories :	AICTE Prescribed Textbooks, Hindi 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: 1. For direct recapitulation of main concepts, formulae and results a brief summary of each unit has been given. 2. Objective questions and subjective questions are given for practice of students after every unit. 3. Content of the book is aligned with the mapping of Course Outcomes, Programs Outcomes and uni Outcomes. 4. Apart from the theory explanation and solved examples book provides for mini projects, activities, fun facts, QR codes, case studies, video resources etc. 5. The text has been supplemented with notes, remarks, remember sections within grey boxes. 6. Student and teacher centric subject materials are included in the book in a balanced manner. 7. Real life applications are inserted to improve clarity of this topics. 8. Know more section has been introduced which constitutes of additional information related to the topic. 9. Check-out section has been introduced so as to active the curiosity part of the student by correlating all the topics studied in this book with MATLAB. 10. At the end of each unit. An excerpt related to eminent Indian Mathematicians is given so as to make . 11. Student have a glimpse of the

Table of Contents

Foreword, Acknowledgement, Preface, Outcome Based Educations, Course Outcomes, Abbreviations and Symbols, List of Figures, Guidelines for Teachers, Guidelines for Students Chapter 1: Determinants and Matrices. **Chapter 2:** Integral Calculus. **Chapter 3:** Co-ordinate Geometry. **Chapter 4:** Vector Algebra. **Chapter 5:** Differential Equations. **Chapter 6:** Appendices & Annexures.

Author

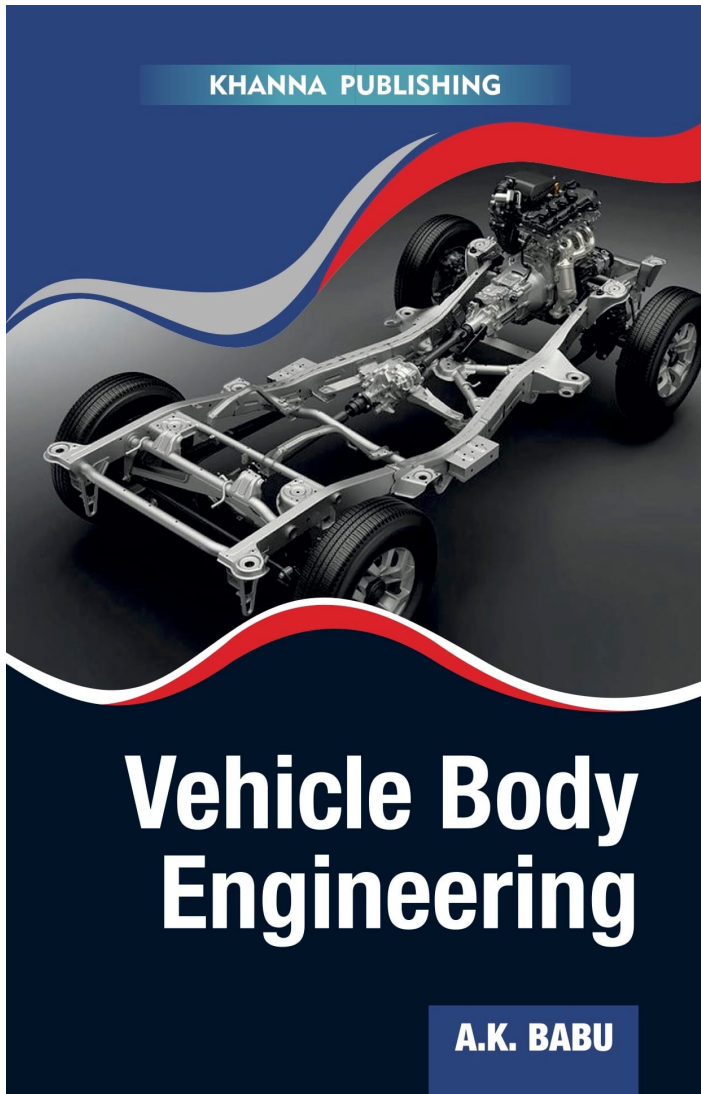
Garima Singh



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



Vehicle Body Engineering

Author :	A.K. Babu
ISBN 13 :	978-93-90779-01-7
ISBN 10 :	93-90779-01-4
E-ISBN 13 :	978-93-90779-01-7
Edition :	First
Pages :	176
Type of book :	Paperback
Weight (g) :	250.00
Year :	2026
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 248.00
Categories :	Automobile Engineering
Condition Type :	New
Country Origin :	India

Product Description

This book is designed for students undertaking a subject 'Vehicle Body Engineering/Auto Body Engineering' in the undergraduate and postgraduate programme of Automobile Engineering as per the latest revised syllabus of all Indian Universities. The book Provides a clear explanation of vehicle body parts and systems with unique illustrations. Each chapter takes the reader systematically through the details of each type of vehicle body such as car body, bus body, commercial vehicle body, etc. Key topics are emphasized and are reinforced by numerous illustrations. The book should also be a valuable source of information and reference.-



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

Chapter 1: Introduction. **Chapter 2:** Car body Details. **Chapter 3:** Bus body Details. **Chapter 4:** Commercial vehicle details. **Chapter 5:** Vehicle aerodynamics. **Chapter 6:** Body materials, trim, mechanisms and body repair.

Bibliography Index

Author

A.K. BABU A.K. BABU is working as Associate Professor in the Department of Automobile Engineering, SRM Easwari Engineering College, Chennai, India. He has over 18 years of experience in teaching, research and industry. A.K. BABU, completed his Master Degree in Automobile Engineering from Madras Institute of Technology (M.I.T.), Anna University (1997). He has served in other countries like Malaysia, Ethiopia and Eritrea for more than 5 years. A.K. BABU has published considerable number of research papers in international journals and conferences. His research paper published in SAE Journal of Fuels and Lubricants awarded one the most outstanding papers in the year 2003.



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