

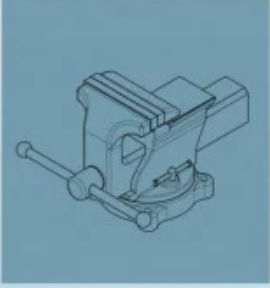
AICTE દ્વારા નિર્ધારિત થયેલ મોડલ અભ્યાસક્રમ મુજબનું પાઠ્યપુસ્તક

પરિણામ આધારિત શિક્ષણ સાથે સંરેખિત

રાષ્ટ્રીય શિક્ષણ નીતિ 2020

વર્કશોપ/મેન્યુફેક્ચરિંગ પ્રેક્ટિસ

(લેબ મેન્યુઅલ સાથે)



વીરના ડી. કેચકનવર

Workshop / Manufacturing Practices (with Lab Manual) (Gujarati)

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

Year : 2023

Language : Gujarati

Publisher : Khanna Publishing House

Regular Price : Rs 264.00

Sale Price : Rs 211.20

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

SKU : 1725639338

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

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:

- I Manufacturing Methods
 - I CNC Machining, Additive manufacturing
 - I Fitting operations & power tools
 - I
-

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



About the Book

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:

- | Manufacturing Methods
 - | CNC Machining, Additive manufacturing
 - | Fitting operations & power tools
 - | Electrical & Electronic
 - | Carpentry
 - | Plastic moulding, glass cutting
 - | Metal casting
 - | Welding (arc welding & gas welding), brazing
 - | Laboratory experiments and models
 - | Appendices
 - | References
-

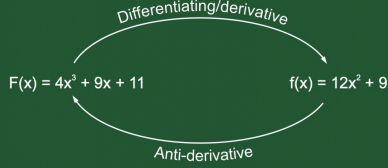


AICTE মডেল পাঠ্যক্রম অনুযায়ী নির্ধারিত পাঠ্যপুস্তক

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 (Bengali)

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

Year : 2022

Language : Bengali

Publisher : Khanna Publishing House

Regular Price : Rs 252.00

Sale Price : Rs 201.60

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



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- 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>

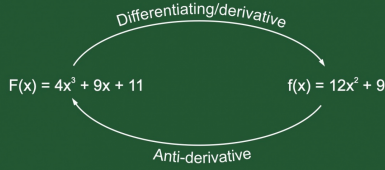


AICTE -ஆல் பரிந்துரைக்கப்பட்ட மாடுரி பாடத்திட்டத்தின் அடிப்படையிலான பாடப்புத்தகம்.

விளைவு 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 (Tamil)

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

Year : 2022

Language : Tamil

Publisher : Khanna Publishing House

Regular Price : Rs 238.00

Sale Price : Rs 190.40

Categories : [AICTE Prescribed Textbooks](#), [All books](#), [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 in 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.

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| The



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- 4- Vector Algebra
- 5- Differential Equations
- 6- Appendices & Annexures

Author

Garima Singh Garima Singh </p>



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 (English)

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

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 : NewCountry
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:

| Content of the manual aligned with the mapping of Course Outcomes, Programs Outcomes and practical outcomes.

| Relevant theory has been included at the beginning of each practical.

| The manual has been developed to ensure alignment with the Outcome Based Education philosophy and consisting of total seventeen workshop practical.

| Unit wise practical are arranged in hierarchical manner from simple to complex.

| Manual provides recent information and QR Code for E-resources etc.

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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



Author

A. K. Sarathe A. K. Sarathe </p>



Khanna Publishing House

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

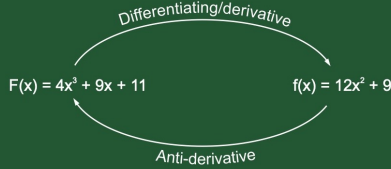
Email: contact@khannabooks.com | Tel: 011-2324 44 47 - 48 | Mobile: + +91-99109 09320

AICTE अनुशंसित पाठ्यपुस्तक - मॉडल पाठ्यक्रम के अनुसार

परिणाम आधारित शिक्षा के साथ संरेखित

राष्ट्रीय शिक्षा नीति 2020

गणित-II



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



गरिमा सिंह

Mathematics II (Hindi)

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) : 260.00

Year : 2023

Language : Hindi

Publisher : Khanna Publishing House

Regular Price :
Rs 224.00

Sale Price : Rs 179.20

Categories : [AICTE Prescribed Textbooks](#), [All books](#), [Hindi Books](#)Condition :
Type : NewCountry :
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.

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Author

Garima Singh Garima Singh </p>



KHANNA PUBLISHING



Vehicle Body Engineering

A.K. BABU

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) : 242.00

Year : 2021

Language : English

Publisher : Khanna Publishing House

Regular Price : Rs 199.00

Sale Price : Rs 159.20

Categories : [All books](#), [Automobile Engineering](#), [New Arrivals](#)

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.-



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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.

