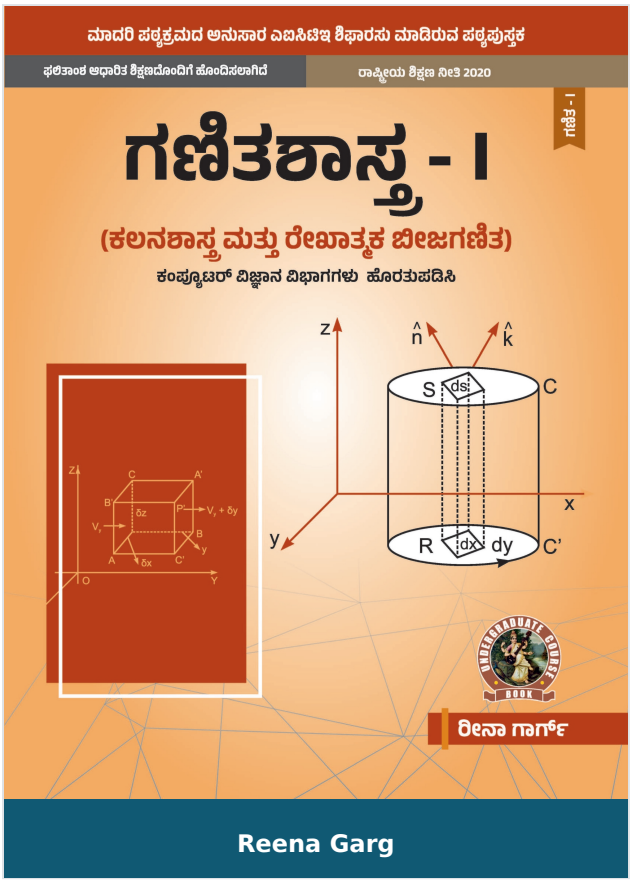


Mathematics I Calculus and Linear Algebra [For Non Computer Science Engineering Branches]

Author :	Reena Garg
ISBN 13 :	978-93-91505-45-5
ISBN 10 :	93-91505-45-7
E-ISBN 13 :	978-93-91505-45-5
Edition :	1
Pages :	688
Type of book :	Physical
Year :	2023
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 395.00
Categories :	AICTE Prescribed Textbooks, Kannada Books, Bookstore, Ebooks
Condition Type :	New
Country Origin :	India

Product Description

Calculus, Multivariable Calculus and Linear Algebra covers all the Modules prescribed by AICTE. Model curriculum to all the 1st year students (except CSE) studying in engineering institutions and universities of the country. It serves as both text book and / or useful reference work. It contains 5 units which include calculus, matrices, sequences & series and multivariable calculus along with their applications. This renowned and well respected title provides in one handy volume with the essential mathematical tools that helps in understanding the subject and problem solving techniques with many real life engineering applications. As per trademark of AICTE, this book is in student friendly style, author has endeavored enormous efforts in providing numerous solved examples and exercise under each topic to facilitate better understanding of the concepts to the students. Majority of Questions in this book have been designed to success the reader understands of the subject. Professionals or those who are preparing for competitive examinations will also find this book very useful. This book will give the students a complete grasp of the mathematical skills that are needed by engineers all over the country.

Some Salient Features of the Book:

1. In depth coverage of all related, essential and mentioned topics as per AICTE in simple presentation with clarity and accuracy.

2. Emphasis on the applications of concepts and theorems.

3. Core concepts are presented through a large number of solved graded model examples in an innovative and lucid manner.

4. A good number of relatively competitive problems are given at the end of each unit in the form of short questions, HOTS, assignments, MCQs and know more for student’s practices purpose. Practical /Projects/ Activity also given in each unit for enhancing the

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student’s capability, to increase the feeling of team work.

5. To clarify the subject, the text has been supplemented through Notes, Observations and Remarks; an attempt has been made to explain the topic through maximum use of geometries wherever possible.

6. Some standard problems with sufficient hints have been included in each exercise to gauge the student’s visual understanding and for grasp the theory.

7. Video links, interesting facts, uses of ICT also included after each topic in every unit for easy understanding of the readers. Also included the pictorial representations of many topics for fast and permanent grasping of the content.

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- Calculus-II
- Sequences and Series
- Multivariable Calculus –I
- Matrices
- Index
- CO and Po Attainment Table.

Author

Reena Garg

Dr. Reena Garg , M.Sc. Mathematics (Gold Medalist), M.Phil, Ph.D is Assistant Professor (Mathematics) in YMCA University of Science & Technology, Faridabad (Haryana). She also taught in C.I.T.M. Faridabad (presently known as Manav Rachna International University, Faridabad). Her teaching experience of more than a decade has made this book more valuable for the knowledge seekers.She has published more than 10 research

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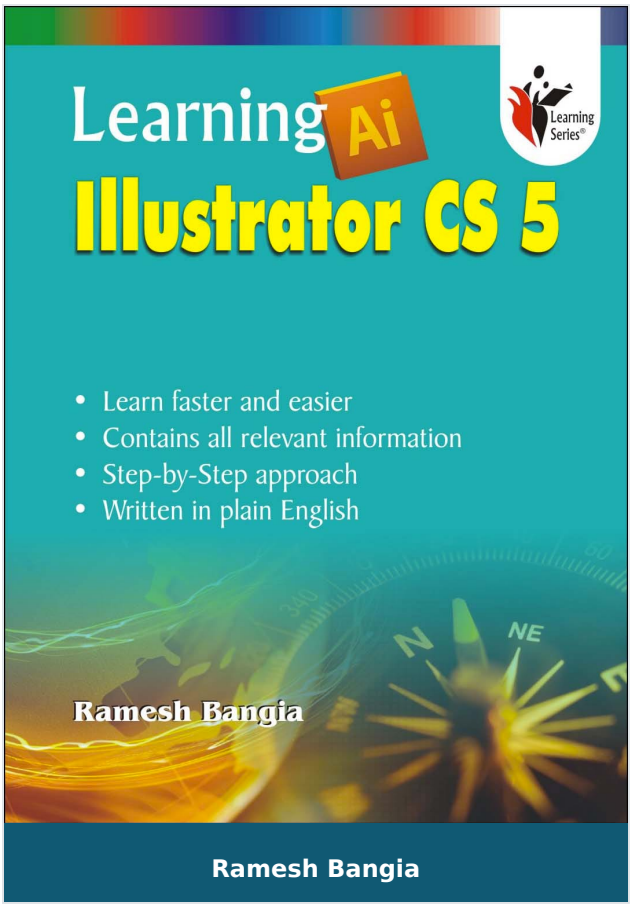
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papers in various InternationalJournals. She is a life-time member of Forum of Inter-disciplinary mathematics in India. She is a member of reviewer Board in IJRET, Bangalore.

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Learning Illustrator CS5

Author :	Ramesh Bangia
ISBN 13 :	978-93-81068-10-6
ISBN 10 :	93-81068-10-0
E-ISBN 13 :	978-93-81068-10-6
Edition :	1
Pages :	208
Type of book :	Physical
Year :	2010
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 225.00
Categories :	Bookstore, Learning Series, Basic Computer Books
Condition Type :	New
Country Origin :	India

Product Description

The complete LEARNING SERIES has been designed in every systematic and logical manner. Each topic has been developed from the basic concept. Practically every major point in the text is illustrated with suitable examples and screen shots. This will help the students in understanding the basic theory and train them in solving every problem systematically, and confidently. A large number of unsolved as well as solved exercises have also been included in the book.

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- Handling Text in Illustrator CS5
- Commands of Illustrator CS5
- Keyboard Shortcuts of Illustrator CS5
- Questions

Author

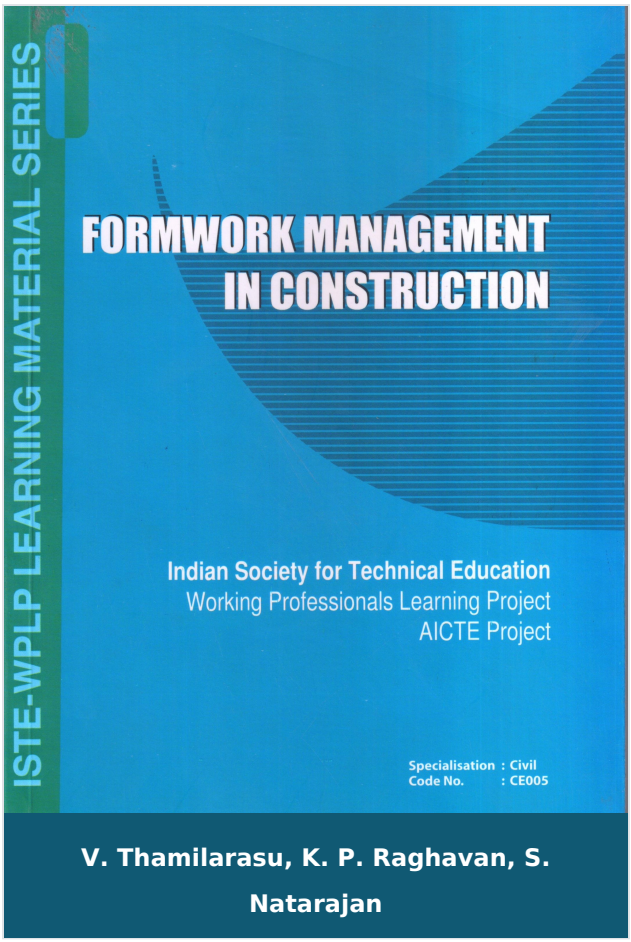
Ramesh Bangia

Ramesh Bangia, has been writing computer books on various topics. He has written books for Schools. Training Institutes, Technical Universities, Distance Education Programs, Colleges and General. His tally of books exceeds 500 in number. Trained both in India and Abroad and having studied at IIT Delhi, he becomes automatic choice for most of the publishers in India. Though based in Delhi, his books are popular all over India and are even exported to Middle Ease and African countries.

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Formwork management in Construction

Author :	V. Thamilarasu, K. P. Raghavan, S. Natarajan
ISBN 13 :	978-93-55389-30-5
ISBN 10 :	93-55389-30-2
E-ISBN 13 :	978-93-55389-30-5
Edition :	1
Pages :	130
Type of book :	Physical
Year :	2007
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 182.00
Categories :	Civil Engineering, Bookstore, ISTE Series
Condition Type :	New
Country Origin :	India

Product Description

This book on "Formwork Management in Construction" has been written keeping in mind the importance of Formwork and its Applications for the Construction Industry. A good understanding of effective and safe use of formwork & scaffolding for various applications is essential for students of Civil Engineering, Site Engineers, Site Supervisors and Builders.

Formwork is one of the most neglected subject in any civil construction as it is only a part of enabling work. Strict norms on safety and proper design of formwork is generally not addressed properly in case of normal construction. The construction happening in the rural areas and in some part of urban areas are (mostly residential constructions) carried out using conventional material available in the market (Timber, casuarina poles).

The requirement for good Formwork is realized after the introduction of Ready Mixed Concrete (RMC) in the market, in which the formwork should be adequately designed to take care of the concrete pressure.

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- Slip Forming
- Formwork for Special Application, Aluminium Formwork and Precast Moulds
- Safety in Formwork
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K. P. Raghavan

K. P. Raghavan

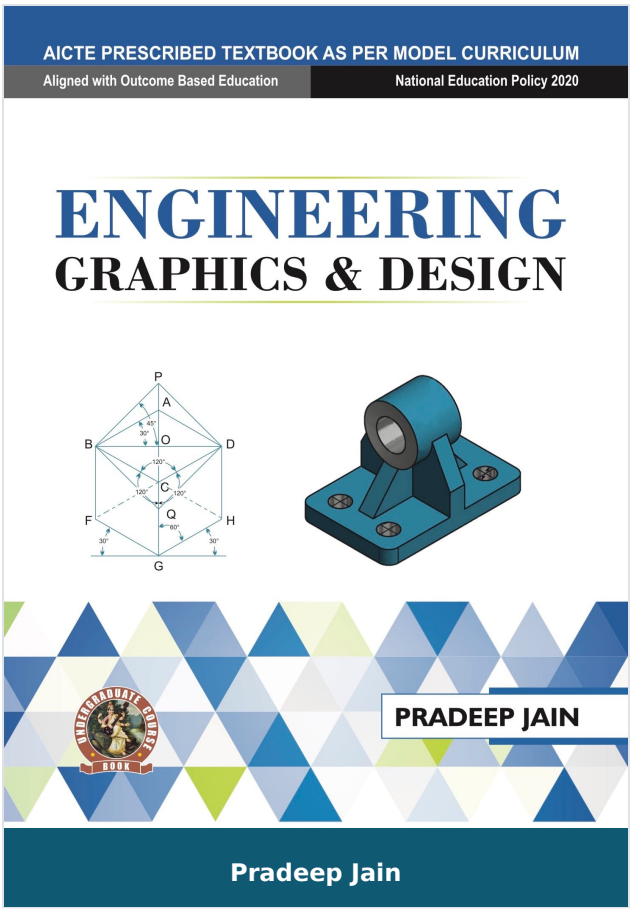
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Engineering Graphics & Design

Author :	Pradeep Jain
ISBN 13 :	978-93-91505-06-6
ISBN 10 :	93-91505-06-6
E-ISBN 13 :	978-93-91505-06-6
Edition :	First
Pages :	252
Type of book :	Physical
Year :	2022
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 295.00
Categories :	AICTE Prescribed Textbooks, English Books, Bookstore, Ebooks, Applied Sciences & Humanities
Condition Type :	New
Country Origin :	India

Product Description

This textbook “Engineering Graphics and Design” is based on the latest outcome based model curriculum of the AICTE. The book covers complete syllabus catering requirements of all major technical universities and institutes and provides insights into traditional engineering graphics as well as treats of the subject using 2D and 3D design software. It offers technical details, current standard, real world examples and clearly explains theory and technique in highly visual and concise format. The topic covered in this book are arranged into 9 chapters comprising self-explanatory diagrams and solved examples.

Salient Features:

1. Introduction of Engineering Drawing.
2. Orthographic Projection.
3. Projection of Solids.
4. Section of Solids and Development of Surfaces.
5. Isometric Projection.
6. Overview of Computer Graphics.
7. CAD Drawing.
8. Solid Modelling.
9. Team Design Project.

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- Isometric Projection
- Overview of Computer Graphics
- Customisation &CAD
- Annotation Layers and 3D Modelling
- Projects
- Reference
- CO and Po Attainment Table
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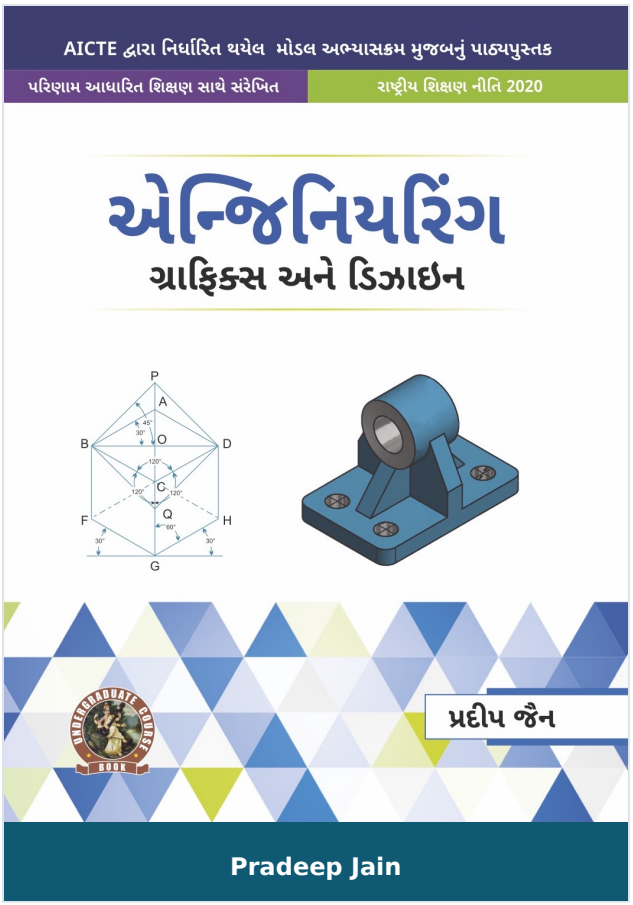
Pradeep Jain

Pradeep Jain has 15 years of experience in teaching and industry in CAD/CAM. presently he is working as an associate professor in the Department of Mechanical Engineering, Ajay Kumar Garg Engineering College, Ghaziabad. He is providing training and consultancy in CAD/ CAM field.

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Engineering Graphics & Design

Author :	Pradeep Jain
ISBN 13 :	978-93-55381-58-3
ISBN 10 :	93-55381-58-1
E-ISBN 13 :	978-93-55381-58-3
Edition :	First
Pages :	256
Type of book :	Physical
Year :	2023
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 395.00
Categories :	AICTE Prescribed Textbooks, Gujarati Books, Bookstore, Ebooks
Condition Type :	New
Country Origin :	India

Product Description

This textbook “Engineering Graphics and Design” is based on the latest outcome based model curriculum of the AICTE. The book covers complete syllabus catering requirements of all major technical universities and institutes and provides insights into traditional engineering graphics as well as treats of the subject using 2D and 3D design software. It offers technical details, current standard, real world examples and clearly explains theory and technique in highly visual and concise format. The topic covered in this book are arranged into 9 chapters comprising self-explanatory diagrams and solved examples.

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6. Overview of Computer Graphics.
7. CAD Drawing.
8. Solid Modelling.
9. Team Design Project.

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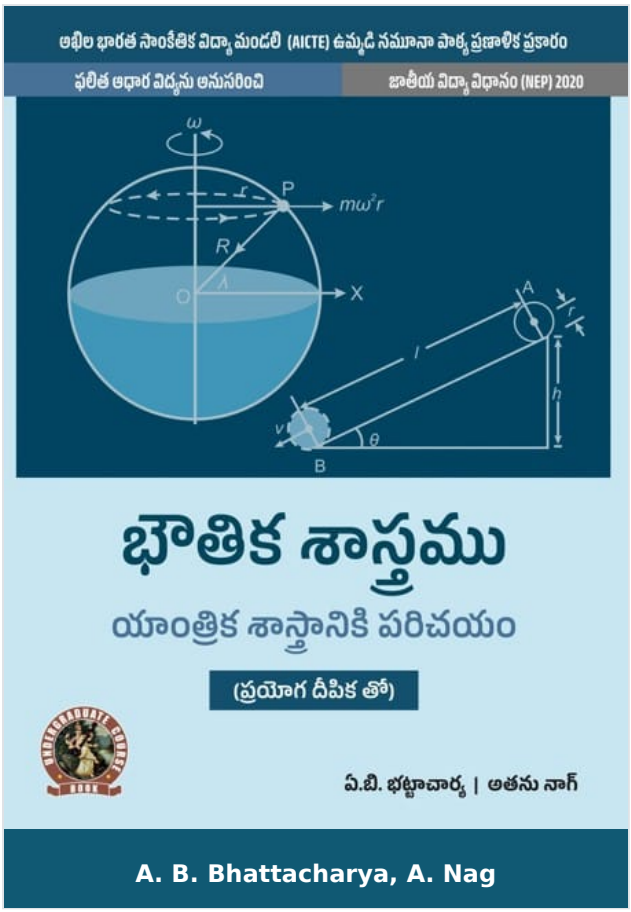
Pradeep Jain

Pradeep Jain has 15 years of experience in teaching and industry in CAD/CAM. presently he is working as an associate professor in the Department of Mechanical Engineering, Ajay Kumar Garg Engineering College, Ghaziabad. He is providing training and consultancy in CAD/ CAM field.

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Physics (Introduction to Mechanics) with Lab Manual

Author :	A. B. Bhattacharya, A. Nag
ISBN 13 :	978-93-91505-96-7
ISBN 10 :	93-91505-96-1
E-ISBN 13 :	978-93-91505-96-7
Edition :	1
Pages :	256
Type of book :	Physical
Year :	2025
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 295.00
Categories :	AICTE Prescribed Textbooks, Telugu Books, Bookstore, Ebooks
Condition Type :	New
Country Origin :	India

Product Description

Physics: Introduction to Mechanics has been written for the first year students of B Tech Engineering Degree Courses of all Indian Universities following the guideline and syllabus as recommended by AICTE. The book, written in a very simple and lucid way, will be very much helpful to reinforce understanding of different aspects to meet the engineering student’s needs. Writing a text-cum manual of this category poses several challenges providing enough content without sacrificing the essentials, highlighting the key features, presenting in a novel format and building informative assessment. This book on engineering physics will prepare students to apply the knowledge of Mechanics to tackle 21 century and onward engineering challenges and address the related questions.

Some Salient features of the book:

·Expose basic science to the engineering students to the fundamentals of physics and to enable them to get an insight of the subject.

·To develop knowledge on critical questions solved and supplementary problems covering all type of medium and advanced level

· Under problems in a very logical and systematic manner.

· Some essential information for the user the heading “Know more” for clarifying some basic information as well as comprehensive synopsis of formulae for a quick revision of the basic principles.

· Constructive manner of presentation so that an Engineering degree students can prepare to work in different sectors or in national laboratories at the very forefront of technology.

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A. B. Bhattacharya

Prof. A. B. Bhattacharya did his MSc and PhD degree from the University of Calcutta in Physics and Post-doc from the Massachusetts Institute of Technology (MIT), Cambridge, USA. He worked in close collaboration with the leading laboratories like Lincoln Laboratory; Milestone Hill Observatory; Earth, Atmospheric and Planetary Sciences division of MIT and many other well recognized laboratories in India and abroad. He served as Professor & Head of the Department of Physics, University of Kalyani; Dean of Research and Head of the ECE Department, Techno India University; Pro Vice Chancellor of JIS University and Director of Brainware University. He has published 32 text books for Science and Engineering students, two popular books for general readers and over 400 research articles in reputed International Journals. Under his supervision 24 scholars received their doctoral degree. He is a fellow of the Institute of Electronics and Telecommunication Engineers and member of many scientific organizations. India International Friendship Society awarded him the prestigious "Shiksha Ratna Award" and Certificate of Excellence for meritorious services, outstanding performance and significant contribution to education. The International Institute of Success Awareness hon0red him with their globally recognized "Glory of India Gold Medal" for his outstanding contribution to the national stature of India. A few words from the certificate issued by Prof. Williams of MIT may be quoted "Our collaborative effort was directed at the wavelength dependence of radar echoes observations with the Millstone Hill UHF radar in Westford. He made use of the Charles River Data System computer in the Weather Radar Laboratory for these calculations. His results help to make a convincing case that the volume reflectivity associated with lighting is a diminishing function of radar wavelength, contrary to contemporary thinking". Dr.

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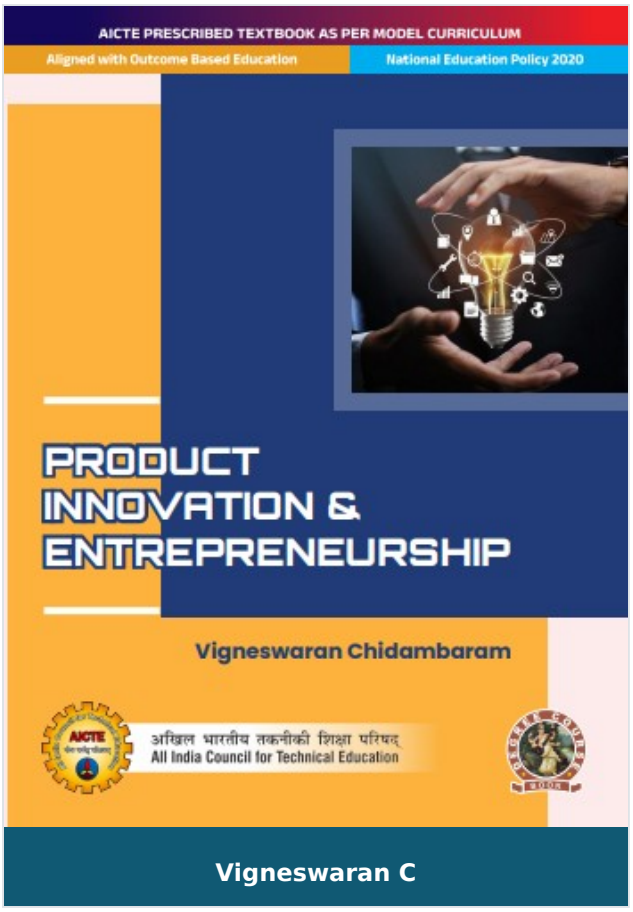
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A. Nag Dr. Atanu Nag did his M. Sc. in 2007 and Ph. D. in 2013 from the University of Kalyani. He has published over 50 Journal papers and 5 books for Science & Engineering students. Presently he is the Head and Associate Professor in the Department of Physics, Modern Institute of Engineering & Technology, Hooghly, West Bengal.

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Product Innovation & Entrepreneurship

Author :	Vigneswaran C
ISBN 13 :	978-93-55383-75-4
ISBN 10 :	93-55383-75-4
E-ISBN 13 :	978-93-55383-75-4
Edition :	First
Pages :	340
Type of book :	Physical
Year :	2026
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 598.00
Categories :	AICTE Prescribed Textbooks, English Books, Bookstore
Condition Type :	New
Country Origin :	India

Product Description

Product Innovation & Entrepreneurship

This comprehensive book explores into the realms of product innovation and entrepreneurship, combining theoretical concepts with practical applications. It provides an in-depth exploration of topics such as innovation management, design thinking, market analysis, and venture creation. The logical organization of content and a plethora of problems with step-by-step solutions make this book an indispensable resource for students and practitioners alike.

Salient Features:

- The content of the book is meticulously aligned with the mapping of Course Outcomes, Program Outcomes, and Unit Outcomes, ensuring relevance and applicability to academic and professional settings.
- Each unit begins with clearly defined learning outcomes, empowering students to understand the expected competencies upon completion of the unit.
- The book incorporates abundant recent information, interesting facts, QR codes for accessing E-resources, and QR codes for leveraging ICT tools, enriching the learning experience for both students and teachers.
- It encompasses a balanced and chronological presentation of subject materials, catering to the needs of diverse learners.
- Enhanced clarity is achieved through the inclusion of figures, tables, and software screenshots, facilitating better comprehension of complex topics.
- An additional ‘Know More’ section in each unit encourages students to delve deeper into the subject matter, fostering a culture of continuous learning beyond the syllabus.

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- Practice exercises, including short questions, objective questions, and long answer exercises, are provided at the end of each chapter to reinforce learning and enhance retention.
- Solved and unsolved problems, including numerical examples, are systematically addressed, aiding students in honing their problem-solving skills and reinforcing theoretical concepts with practical application.

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Author

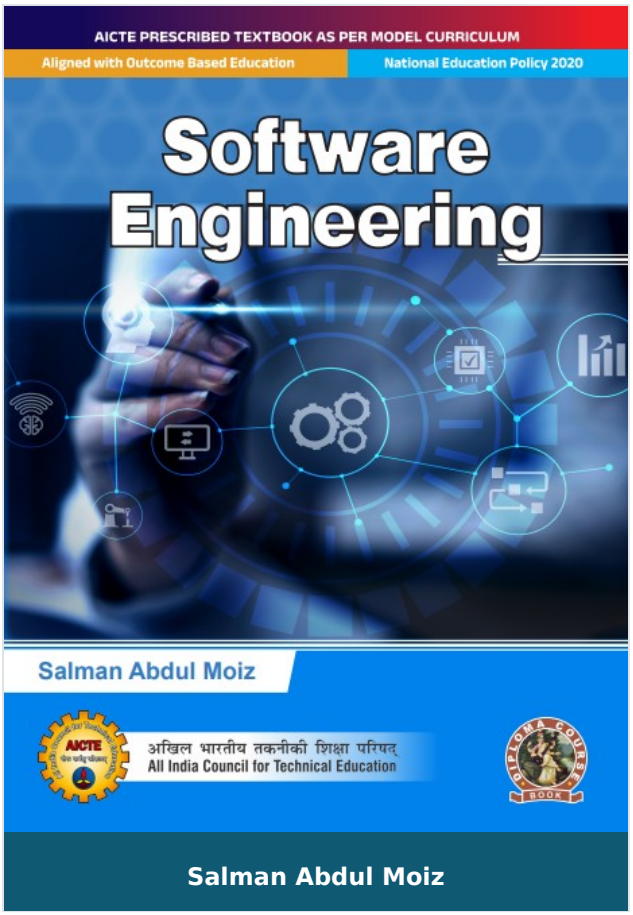
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Software Engineering

Author :	Salman Abdul Moiz
ISBN 13 :	978-93-55387-47-9
ISBN 10 :	93-55387-47-4
E-ISBN 13 :	978-93-55387-47-9
Edition :	First
Pages :	196
Type of book :	Physical
Year :	2026
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 358.00
Categories :	AICTE Prescribed Textbooks, English Books, Bookstore
Condition Type :	New
Country Origin :	India

Product Description

Software Engineering

One of the software Engineering goals is to develop quality software within the estimated time and given budget. This requires a systematic approach towards the development and deployment of software. This practices, and processes for software development must be understood to deploy software efficiently. This book first introduces the concepts of software engineering. The process development methodologies and their applicability are presented. The rapid application development approach, which the industry desire for small and medium projects, is discussed. The standard practices used in each phase of software development, including requirements engineering, software design, testing, and project management, are presented in this book, emphasizing structured and object-oriented analysis and design paradigms.

Salient features:

- The book’s content is aligned with program outcomes, course outcomes, and unit outcomes.
- Learning outcomes are listed at the beginning of each unit to make students understand what is expected after completing each unit.
- The book provides examples that help in realizing the software process models.
- The exercises and case studies specified in the practical section help realize software by following the principles and practices of software development.
- The topics presented in this book help realize end-end software in any development paradigms.
- Apart from the essential information, a `know-more’ section is included in each unit to extend learning beyond the syllabus.

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- The QR code and E-resources will help the learners refer to standards used in the software development process.
- Multiple choice, short-and long-answer questions are included at the end of each unit.
- Case study examples are given in units that help analyze, design, implement, and test the systems.

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Author

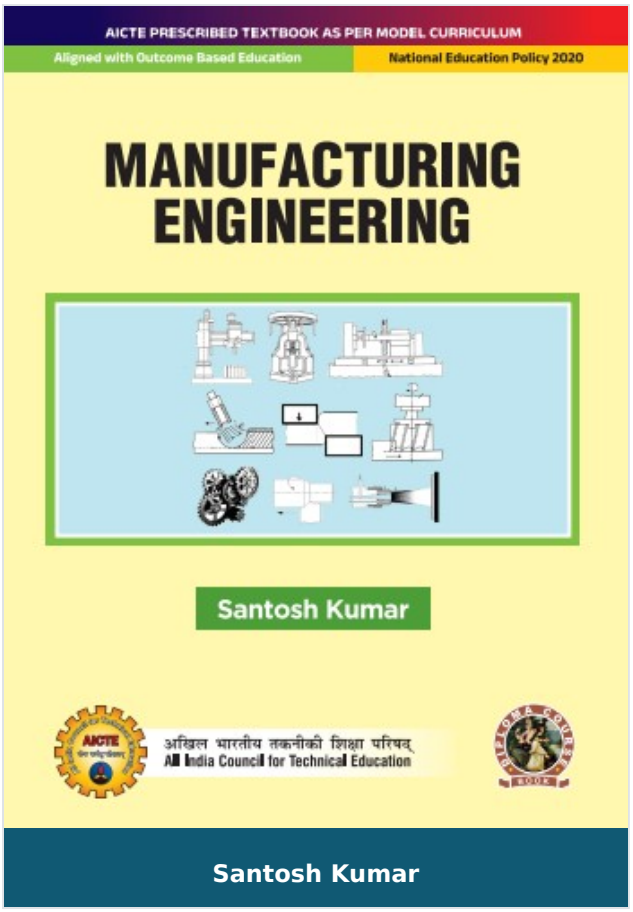
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Manufacturing Engineering

Author :	Santosh Kumar
ISBN 13 :	978-93-55388-14-8
ISBN 10 :	93-55388-14-4
E-ISBN 13 :	978-93-55388-14-8
Edition :	First
Pages :	292
Type of book :	Physical
Year :	2026
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 445.00
Categories :	AICTE Prescribed Textbooks, English Books, Bookstore
Condition Type :	New
Country Origin :	India

Product Description

Manufacturing Engineering

A student is always curious to make his idea converted into physical form as a useful product or a device. A product may consist of many sub assembly or components and need to be manufactured physically using some engineering materials like metals. Polymer, composites or ceramics. Such material can be converted into a given shape and sizes using basic manufacturing process like machining, forming, grinding, finishing, polishing, welding of press working etc. therefor it is very important for mechanical, production, manufacturing and materials engineers to have a systematic understanding on fundamentals of manufacturing practices and engineering that affect process selection and its parameters as per the need of an application. The book entitled `manufacturing Engineering' is developed as per the model curriculum of AICTE, New Delhi for 2nd year of Diploma students on subject `Manufacturing Engineering'.

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.

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- 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.

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- Suggested Resources for Further Reading/Learning
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Author

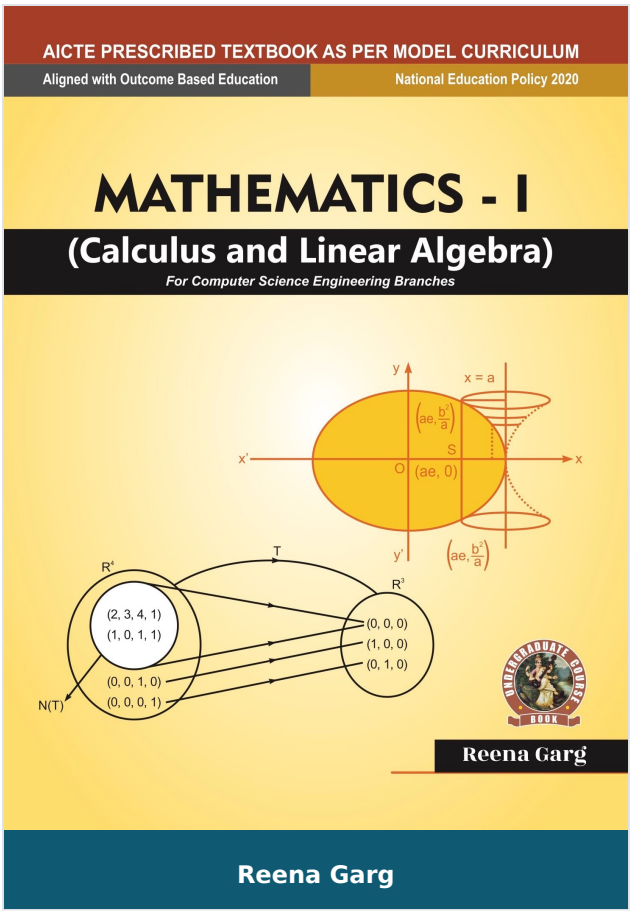
Santosh Kumar

Prof. Santosh Kumar, Former Professor of Civil Engineering at the Bihar College of Engineering/NIT Patna, obtained his Bachelor's degree in Civil Engineering from Regional Institute of technology/NIT Jamshedpur and Master's degree from University of Roorkee/NIT Roorkee. Further he obtained Dip. H.E. From Delft University, Netherlands. He completed his Ph.D from Patna University. Prof. Kumar taught water resources related subjects for more than 40 years. During his tenure he successfully guided four Ph.Ds. and a record 28 M.Tech dissertations. He also produced more than 50 research papers. Later he also acquired advanced knowledge in Environmental Science. Dr. Kumar was picked up by the World Bank as a consultant to its projects in Bihar at FMISC, where he served for four years. He is a Fellow of Institution of engineers India; Chairman Indian Water Resources Society (Patna Chapter).

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Mathematics-I (Calculus and Linear Algebra) For Computer Science Engineering Branches

Author :	Reena Garg
ISBN 13 :	978-93-91505-27-1
ISBN 10 :	93-91505-27-9
E-ISBN 13 :	978-93-91505-27-1
Edition :	First
Pages :	412
Type of book :	Physical
Year :	2024
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 295.00
Categories :	AICTE Prescribed Textbooks, English Books, Bookstore, Ebooks, Applied Sciences & Humanities
Condition Type :	New
Country Origin :	India

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Product Description

Calculus and Linear Algebra cover all the modules prescribed by AICTE model curriculum to all the 1st year CSE students studying in engineering institutions and universities of the country. It serves as both text book /or useful reference work. It contains 5 units which included calculus, Algebra and vector spaces along with their applications. This renowned and well respected title provides in one handy volume with the essential mathematical tools that help in understanding the subject and problem solving techniques with many real life engineering applications. As per trademark of AICTE. This book is in student's friendly style, author has endeavored enormous efforts in providing numerous solved examples and exercise under each topic to facilitate better understanding of the concepts to the students. Majority of questions in this book have been designed to access the reader's understanding of the subject professionals or those who are preparing for competitive examinations will also find this book very useful. This book will give the students a complete grasp of the mathematical skills that are needed by engineers all over the country.

Some Salient Features of the Book:

1. In depth coverage of all related, essential and mentioned topics as per AICTE in simple presentation with clarity and accuracy.

2. Emphasis on the applications of concepts and theorems.

3. Core concepts are presented through a large number of solved graded model examples in an innovative and lucid manner.

4. A good number of relatively competitive problems are given at the end of each unit in the form of short questions, HOTS, assignments, MCQs and know more for student's practices purpose. Practical /Projects/ Activity also given in each unit for enhancing the student's capability, to increase the feeling of team work.

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5. To clarify the subject, the text has been supplemented through Notes, Observations and Remarks; an attempt has been made to explain the topic through maximum use of geometries wherever possible.

6. Some standard problems with sufficient hints have been included in each exercise to gauge the student’s visual understanding and for grasp the theory.

7. Video links, interesting facts, uses of ICT also included after each topic in every unit for easy understanding of the readers. Also included the pictorial representations of many topics for fast and permanent grasping of the content.

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Author

Reena Garg

Dr. Reena Garg , M.Sc. Mathematics (Gold Medalist), M.Phil, Ph.D is Assistant Professor (Mathematics) in YMCA University of Science & Technology, Faridabad (Haryana). She also taught in C.I.T.M. Faridabad (presently known as Manav Rachna International University, Faridabad). Her teaching experience of more than a decade has made this

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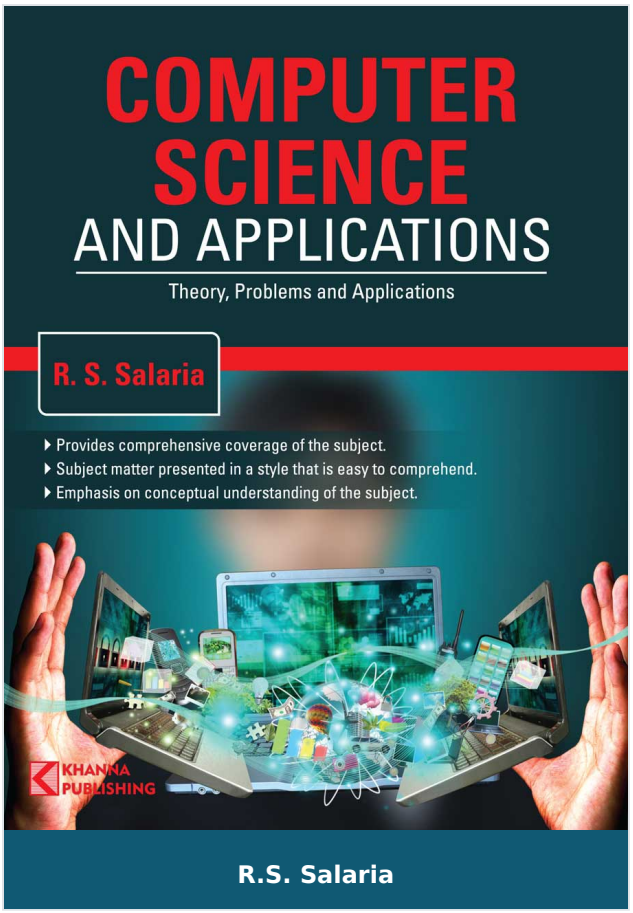
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book more valuable for the knowledge seekers.She has published more than 10 research papers in various InternationalJournals. She is a life-time member of Forum of Inter-disciplinary mathematics in India. She is a member of reviewer Board in IJRET, Bangalore.

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Computer Science and Applications

Author :	R.S. Salaria
ISBN 13 :	978-93-82609-88-9
ISBN 10 :	93-82609-88-1
E-ISBN 13 :	978-93-82609-88-9
Edition :	1
Pages :	372
Type of book :	Physical
Year :	2016
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 350.00
Categories :	Computer Science Engineering, Bookstore
Condition Type :	New
Country Origin :	India

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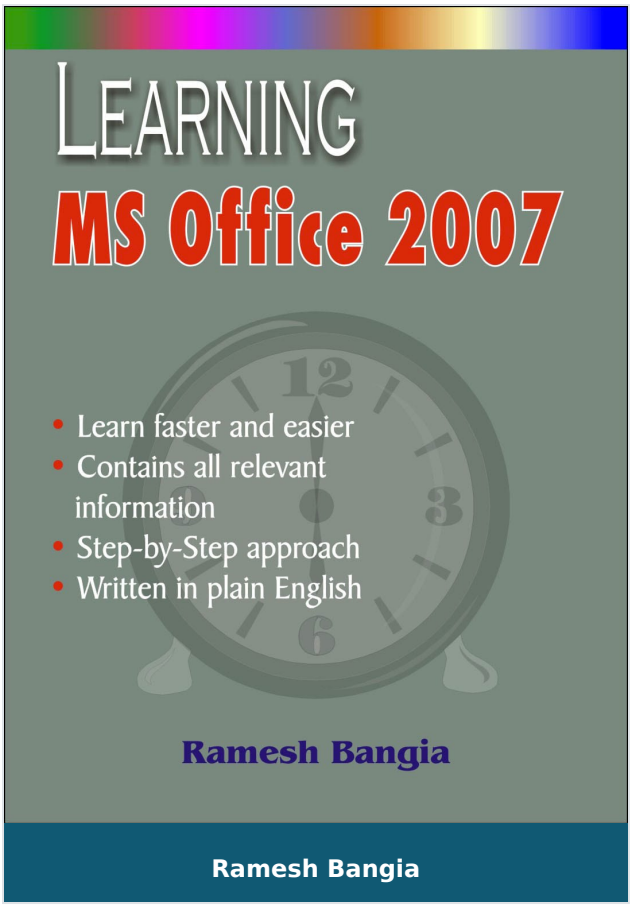
R.S. Salaria

Prof. R.S. Salaria is a superior teacher, a prolific author and a great motivator. He is an alumnus of IIT, Delhi. He is a Certified Software Quality professional by Ministry of Information Technology, Govt. of India: Sun Certified Programmer as well as Sun Certified Trainer by SUN Microsystems. He is a life member of computer society of India, Mumbai: Institution of Electronics and Telecommunication Engineers, New Delhi: Indian Society for Technical Education, New Delhi: Punjab Academy of Sciences, Patiala. Presently, he is talking initiatives to Sensitize the citizens of this great country about their fundamental responsibilities towards society and seeking their contributions to make the society a wonderful place for happy and peaceful living. </p

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Learning MS Office 2007

Author :	Ramesh Bangia
ISBN 13 :	978-81-90611-67-1
ISBN 10 :	81-90611-67-4
E-ISBN 13 :	978-81-90611-67-1
Edition :	1
Pages :	224
Type of book :	Physical
Year :	2015
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 225.00
Categories :	Bookstore, Learning Series, Basic Computer Books
Condition Type :	New
Country Origin :	India

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- Introduction to Microsoft Access 2007
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Ramesh Bangia

Ramesh Bangia, has been writing computer books on various topics. He has written books for Schools. Training Institutes, Technical Universities, Distance Education Programs, Colleges and General. His tally of books exceeds 500 in number. Trained both in India and Abroad and having studied at IIT Delhi, he becomes automatic choice for most of the publishers in India. Though based in Delhi, his books are popular all over India and are even exported to Middle Ease and African countries.

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