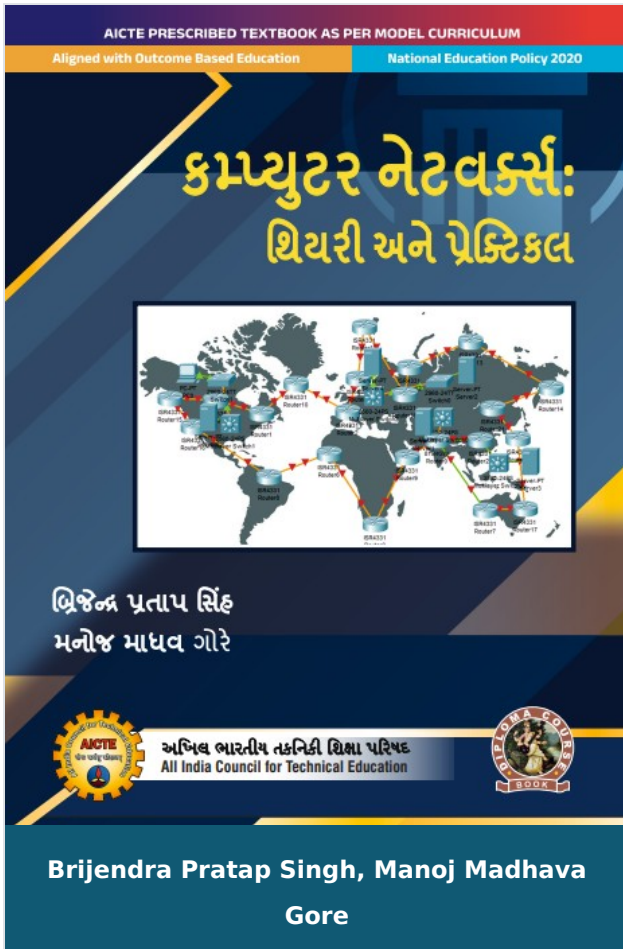




Computer Networks: Theory & Practicals

Author : Brijendra Pratap Singh, Manoj Madhava Gore

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Computer Networks: Theory & Practicals

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Computer System Organization

Author :	Sonal Yadav
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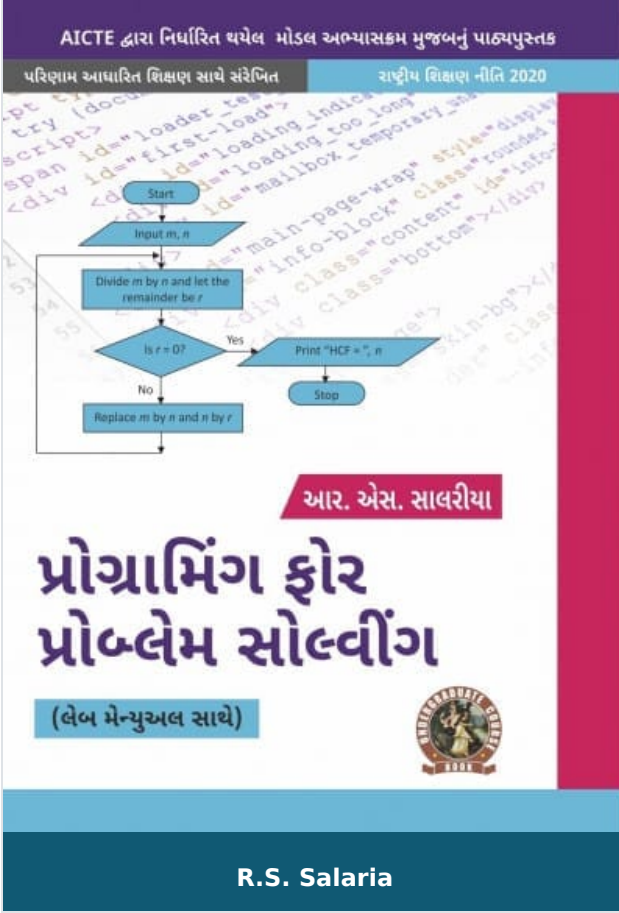
Product Description

Computer System Organization

Author

Sonal Yadav

Dr. Sonal Yadav Assistant Professor Dept. of Computer Science & Engineering (CSE)
National Institute of Technology Raipur, Chhattisgarh



Programming for Problem Solving (with Lab Manual)

Author :	R.S. Salaria
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Product Description

This textbook is designed as per the model curriculum of AICTE for the first year students of all branches of undergraduate programme in Engineering & Technology (BE/BTech).

The subject of programming for problem Solving aims at developing problem solving skills among the students and the skills to create programs in C language for their implementation.

This book emphasizes to empower the students to grasp the skills required for problem solving and to develop deep understanding of the constructs of C language. These aspects of the subject are well illustrated through enormous solved programming problems.

Salient Features:

1. Simple and lucid language that enables students to grasp the subject.
2. Demonstrates the elegant programming style.
3. 165+ ready to run programs for reference and to illustrate the program development process.
4. 135+ Short answer type questions to provide an opportunity for self-assessment of the fundamental concepts learned by answering them precisely.
5. 165+ multiple choice questions to provide an opportunity to synthesize the fundamental concepts.
6. 90+ Programming problems to provide an opportunity to harness programming skills.

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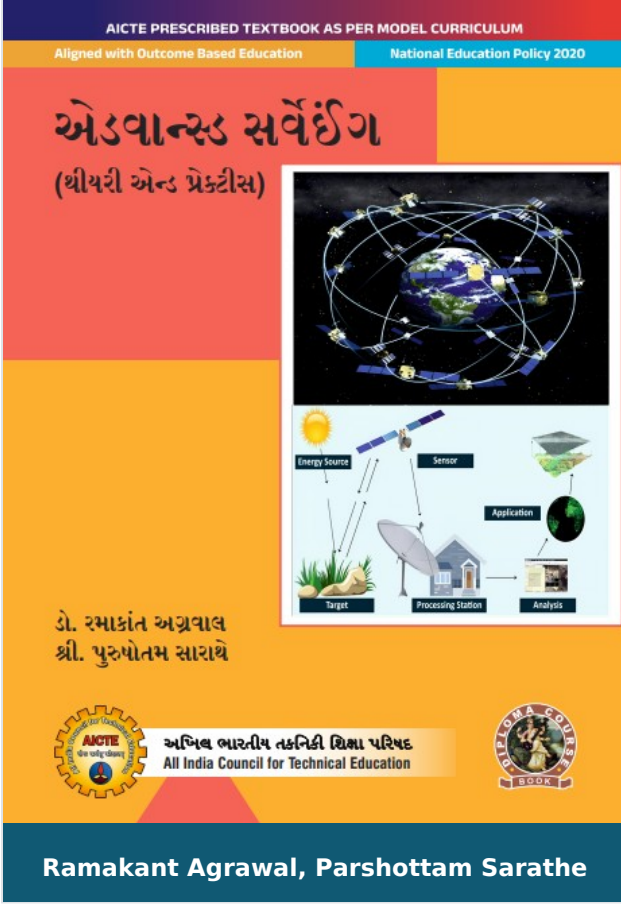
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Author

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>



Advanced Surveying: Theory & Practice

Author : Ramakant Agrawal, Parshottam Sarathe

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Product Description

Advanced Surveying: Theory & Practice

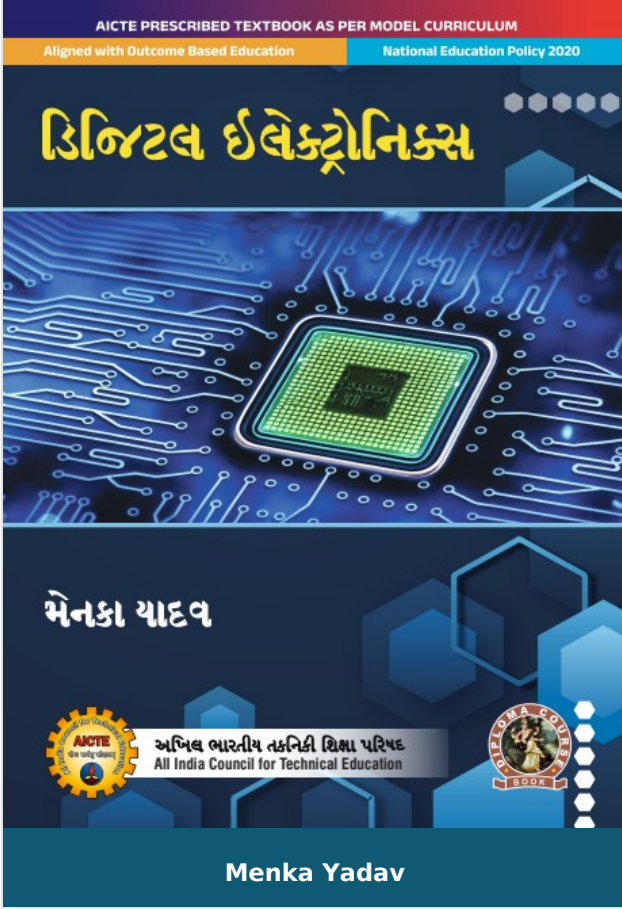
Author

Ramakant Agrawal

Dr. Ramakant Agrawal Professor and Head, Department of Civil Engineering, Oriental Institute of Science and Technology, Bhopal Mr.

Parshottam Sarathe

Mr. Parshottam Sarathe Asstt. Professor, Department of Civil Engineering, Oriental Institute of Science and Technology, Bhopal



Digital Electronics

Author :	Menka Yadav
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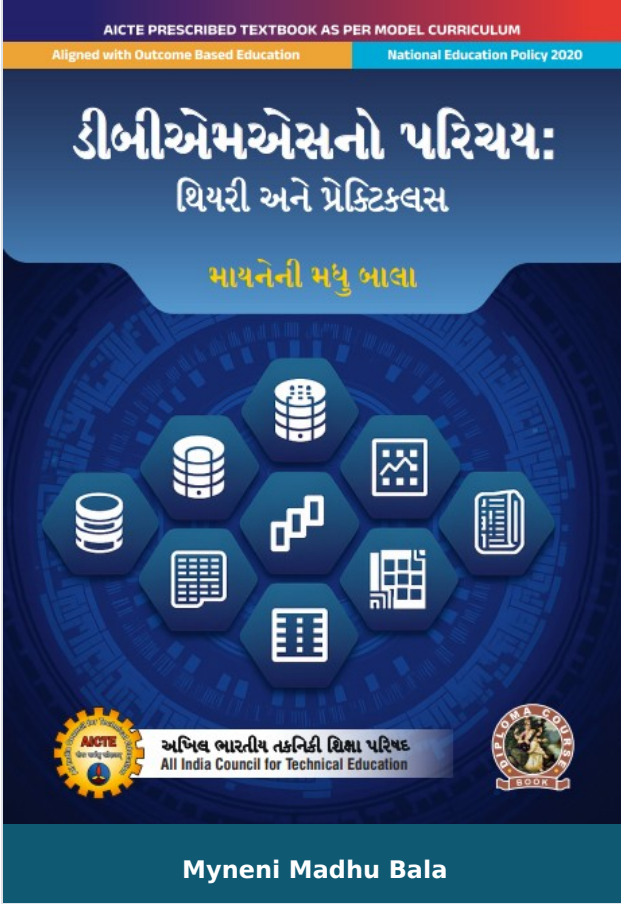
Product Description

Digital Electronics

Author

Menka Yadav

Dr. Menka Yadav Assistant Professor, Dept. of Electronics and Communication
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Introduction to DBMS: Theory & Practicals

Author : Myneni Madhu Bala

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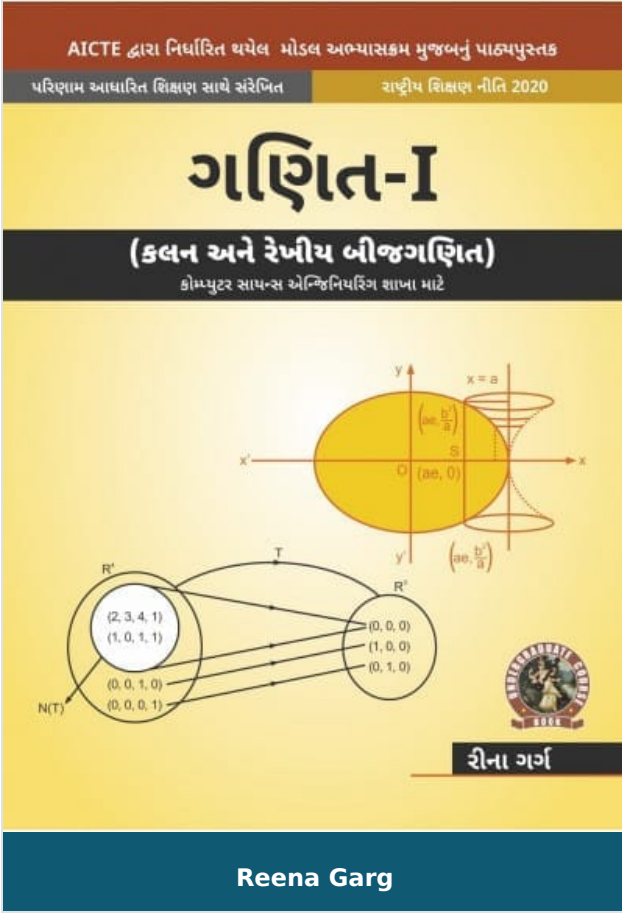
Product Description

Introduction to DBMS: Theory & Practicals

Author

Myneni Madhu Bala

Dr. Myneni Madhu Bala Professor, Department of Computer Science Engineering, Institute of Aeronautical Engineering , Telangana



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

Author :	Reena Garg
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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.

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.

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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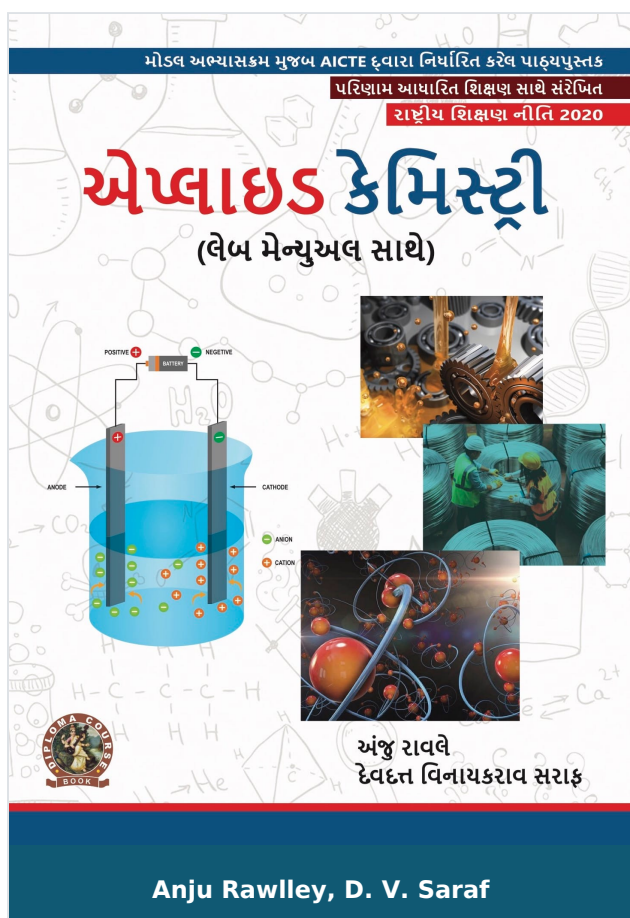
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- Calculus-II
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Author

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 book more valuable for the knowledge seekers. She has published more than 10 research

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



Applied Chemistry (with Lab Manual)

Author : Anju Rawlley, D. V. Saraf

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[Gujarati Books, Book Store,](#)
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Condition Type : New

Country Origin : India

Product Description

This text book o “Applied Chemistry” is development as per AICTE model curriculum ,2018, for compulsory course on Applied Chemistry of first years Diploma Program in Engineering and Technology. Atomic Structure, Chemical Bonding & Solution, Water, Engineering Materials, Chemistry of fuels & Lubricants and Electrochemistry are the five units of this book, comprising of both practical and theory.

Some salient features of the book:

1. Course Outcomes and Unit Outcomes are written specifically and are mapped with programme Outcomes.
2. Utmost care have been taken to amalgamate the philosophy of outcome based education.
3. The structure of the textbook is comprehensive, where in practical exercises are integral part of each unit.
4. The text is presented in a very simple way with illustrations, examples, tables, flow chart, self -assessment questions and their solutions.
5. Micro projects, points/issue for the creative inquisitiveness & curiosity, know more, video links, case study and summary points are integral part of each unit to facilitate the students to develop the attitude of scientific inquiry, investigate the cause and effect relationship, systematic, scientific & logical thinking , ability to observe, analyse and interpret.
6. To meet the requirement of outcome based education (OBE) and outcome based assessment (OBA), criterion referenced testing (CRT) have been used as an integral part of assessment in each practical.

7. Sample QR codes have been provided in each units on some topics/sub topics for supplementary reading and reinforcing the learning.

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- Engineering Materials
- Chemistry of Fuels and Lubricants
- Electro Chemistry

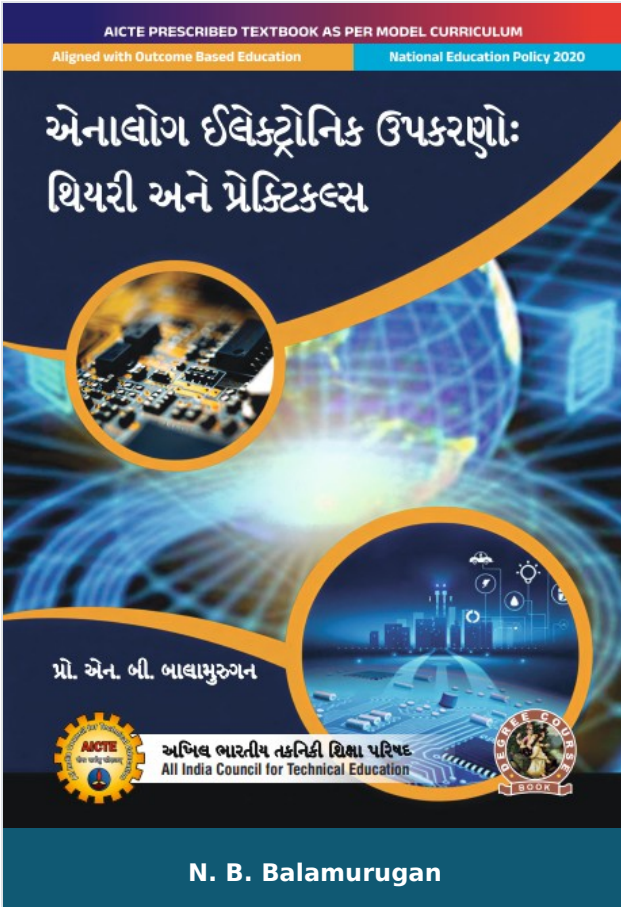
Author

Anju Rawlley

Anju Rawlley Devdatta Vinayakaraao Saraf

D. V. Saraf

D. V. Saraf



Analog Electronic Devices: Theory and Practicals

Author : N. B. Balamurugan

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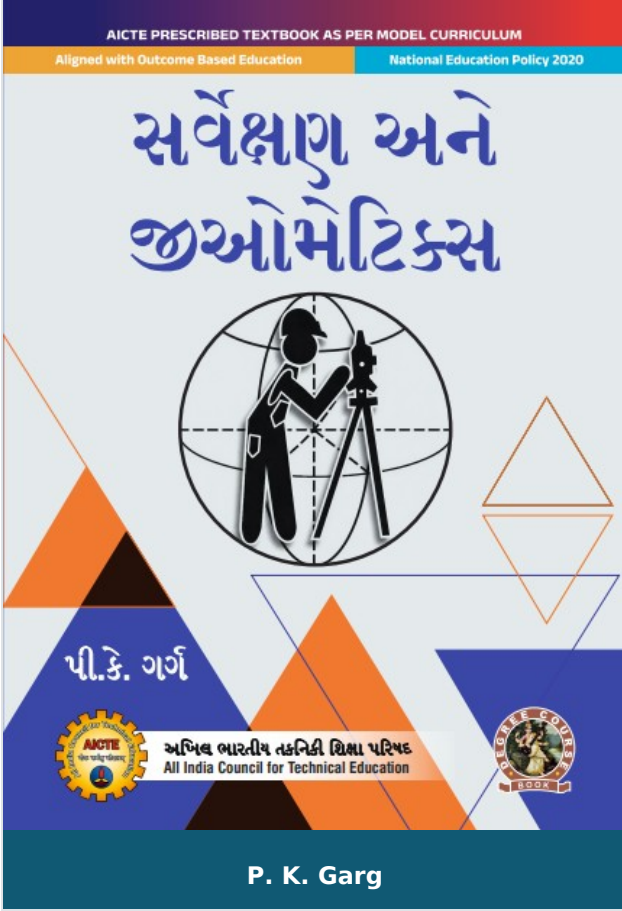
Country Origin : India

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Analog Electronic Devices: Theory and Practicals

Author

N. B. Balamurugan



TEXTBOOK ON SURVEYING AND GEOMATICS

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Product Description

Textbook On Surveying and Geomatics

The book provides the fundamental principles and theory of various equipment and techniques used in surveying and geomatics engineering. The fast developments which have taken place in field data collection methods and mapping techniques are also covered in the book. The book is intended to guide and help students and researches understanding of surveying and geometrics tools and techniques. It provides insights to the subject matter aligned with the latest model curriculum of the AICTE, followed by the concept of outcome-based education as per the New 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.

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- • CURVES
- • MODERN FIELD SURVEY SYSTEMS
- • PHOTOGRAMMETRY SURVEYING
- • REMOTE SENSING
- CO And PO Attainment Table
- Index

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P. K. Garg

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Roorkee, Roorkee & Former, Vice Chancellor Uttarakhand Technical University, Dehradun