

# Atul Prakashan Diploma Mechanical Engineering

Introduction to Database Management Systems:  
 Cryptography and Network Security  
 A TEXTBOOK OF ENGINEERING CHEMISTRY  
 Through Objective Type Questions  
 Manufacturing Processes  
 System Engineering Analysis, Design, and Development  
 Design, Construction, Maintenance, Integrity, and Repair  
 Basic Electrical Engineering (Be 104)  
 DESIGN OF MACHINE ELEMENTS (Subject Code MEC 604)  
 Concrete Technology  
 Objective Mechanical Engineering for Diploma Engineers 2016  
 Byculla to Bangkok  
 The Role of Ideology and Interest in Its Development  
 Object Oriented Analysis & Design  
 India's Mixed Economy  
 Concepts, Principles, and Practices  
 A Textbook of Manufacturing Technology  
 AUTOMOBILE COMPONENT DESIGN (22558)  
 Civil Engineering  
 Port and Harbour Engineering  
 Probability and Statistics (GTU)  
 Piping and Pipeline Engineering  
 Jigs and Fixtures  
 A Conceptual Introduction  
 Basic Civil Engineering  
 Applied Mechanics of Solids  
 Theory of Machines  
 Physics (Group 1)  
 How to Get Things Right  
 Tool Engineering  
 MEASUREMENT AND AUTOMATION (Subject Code  
 Engineering Fundamentals: An Introduction to Engineering, SI Edition  
 Search Engine Optimization (SEO) Secrets  
 XML & Related Technologies:  
 ELEMENTS OF MANUFACTURING PROCESSES  
 Advanced Java  
 Elements of Mechanical Engineering  
 Assistant Mechanical Engineer  
 Electric Power Systems  
 (in S.I. Units)

Atul Prakashan Diploma Mechanical  
Engineering

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## DUNN CHAMBERS

Introduction to Database Management Systems: South Asia Books  
 The second edition of Automobile Mechanical and Electrical Systems concentrates on core technologies to provide the essential information required to understand how different vehicle systems work. It gives a complete overview of the components and workings of a vehicle from the engine through to the chassis and electronics. It also explains the necessary tools and equipment needed in effective car maintenance and repair, and relevant safety procedures are included throughout. Designed to make learning easier, this book contains: Photographs, flow charts and quick reference tables Detailed diagrams and clear descriptions that simplify the more complicated topics and aid revision Useful features throughout, including definitions, key facts and 'safety first' considerations. In full colour and with support materials from the author's website ([www.automotive-technology.org](http://www.automotive-technology.org)), this is the guide no student

enrolled on an automotive maintenance and repair course should be without.

*Cryptography and Network Security* National Learning Corporation

XML has become the standard for all kinds of integration and deployment of applications, regardless of the technology platform. XML & Related Technologies covers all aspects of dealing with XML, both from a conceptual as well as from a practical po

*A TEXTBOOK OF ENGINEERING CHEMISTRY* Tata McGraw-Hill Education

This edition has been thoroughly revised and enlarged. It is still considered to be a must for all those sitting Civil Engineering examinations.

Through Objective Type Questions Tata McGraw-Hill Education  
 The revised and updated edition includes the latest developments in the field of ERP, information technology and new technologies that are changing the ERP landscape. Divided into eight sections, the book covers ERP Basics, ERP and Technology, ERP Implementation, Operation and Maintenance of the ERP system, Business Modules of ERP, ERP Market, Present and

Future of ERP, ERP Resources, Case studies, Career guidance, Manufacturing perspective, etc.

*Manufacturing Processes* Firewall Media

The 1st edition of book entitled "Design of Machine Elements" for IIIrd Year Diploma, Semester VI in Diploma in Mechanical Engineering Group as per the syllabus prescribed by SBTE. We have observed the students facing extreme difficulties in understanding the basic principles and fundamental concepts without adequate solved problems along with the text. To meet this basic requirement of students, sincere efforts have been made to present the subject matter with frequent use of figures and lots of numerical examples.

*System Engineering Analysis, Design, and Development* PHI Learning Pvt. Ltd.

A clear explanation of the technology for producing and delivering electricity *Electric Power Systems* explains and illustrates how the electric grid works in a clear, straightforward style that makes highly technical material accessible. It begins with a thorough discussion of the underlying physical concepts of electricity, circuits, and complex power that serves as a foundation for more advanced material. Readers are then introduced to the main components of electric power systems, including generators, motors and other appliances, and transmission and distribution equipment such as power lines, transformers, and circuit breakers. The author explains how a whole power system is managed and coordinated, analyzed mathematically, and kept stable and reliable. Recognizing the economic and environmental implications of electric energy production and public concern over disruptions of service, this book exposes the challenges of producing and delivering electricity to help inform public policy decisions. Its discussions of complex concepts such as reactive power balance, load flow, and stability analysis, for example, offer deep insight into the complexity of electric grid operation and demonstrate how and why physics constrains economics and politics. Although this survival guide includes mathematical equations and formulas, it discusses their meaning in plain English and does not assume any prior familiarity with particular notations or technical jargon. Additional features include: \* A glossary of symbols, units, abbreviations, and acronyms \* Illustrations that help readers visualize processes and better understand complex concepts \* Detailed analysis of a case study, including a Web reference to the case, enabling readers to test the consequences of manipulating various parameters With its clear discussion of how electric grids work, *Electric Power Systems* is appropriate for a broad readership of professionals, undergraduate and graduate students, government agency managers, environmental advocates, and consumers.

*Design, Construction, Maintenance, Integrity, and Repair* S. Chand Publishing

The success of any concrete structure depends on the designer's sound knowledge of concrete and its behaviour under load, under temperature and humidity changes, and under exposure to the relevant environment and industrial conditions. This book gives students a thorough understanding of all aspects of concrete technology from first principles. It covers concrete ingredients, properties and behaviour in the finished structure with reference to national standards and recognised testing methods used in Britain, the European Union and the United States. Examples and problems are given throughout to emphasise the important aspects of each chapter. An excellent coursebook for all students of Civil Engineering, Structural Engineering and Building at degree or diploma level, *Concrete Technology* will also be a valuable reference book for practising engineers in the field.

**Basic Electrical Engineering (Be 104)** CRC Press

Any good text book, particularly that in the fast changing fields such as engineering & technology, is not only expected to cater to the current curricular requirements of various institutions but also should provide a glimpse towards the latest developments in the concerned subject and the relevant disciplines. It should guide the periodic review and updating of the curriculum.

**DESIGN OF MACHINE ELEMENTS (Subject Code MEC 604)**

McGraw-Hill Education

This book is designed for the 3rd semester GTU engineering students pursuing the probability and statistics (code 3130006). The crisp but complete explanation of topics will help the students easily understand the basic concepts. The tutorial approach (I.E. Teach by example) followed in the text will enable students develop a logical perspective to solving problems.

**Concrete Technology** CBS Publishers & Distributors Pvt Limited, India

This comprehensive introduction to basic manufacturing processes is ideal for both degree and diploma courses in engineering. With several pedagogical features, the text makes the topics understandable and appealing for students. The book first introduces the concepts of engineering materials and their properties, measurement and quality in manufacturing and allied activities before dwelling upon the details of different manufacturing processes such as machining, casting, metal forming, powder metallurgy and joining. To keep pace with the latest advancements in technology, use of non-conventional resources, applications of computers, and use of robots in manufacturing are also discussed in considerable detail. The text also provides a thorough treatment of topics on economy and management of production.

*Objective Mechanical Engineering for Diploma Engineers 2016* S. Chand Publishing

*Advanced Java* is a textbook specially designed for undergraduate and post graduate students of Computer Science. It focuses on developing the applications both at basic and moderate level. This text book is divided into seven units. The first unit introduces Java network programming. In this unit along with the basic concepts of networking, the programming using Sockets, InetAddress, URL and URLConnection class is discussed in a lucid manner. The second unit is based on JDBC programming. In this unit, connecting with the database is discussed with examples and illustrations. Then next two chapters focus on server side programming by means of Servlet programming and JSP. In third unit, the illustration of how to create and execute servlets is given. Then the concept of cookies and session management is discussed. In the next subsequent unit the Java Server Pages - its overview and programming is studied. In the last three units the advanced concepts of Java programming such as JSF, Hibernate and Java Web Framework : Spring is discussed. The contents of this textbook is supported with numerous illustrations, examples, program codes, and screenshots. With its lucid presentation and inclusion of numerous examples the book will be very useful for the readers.

**Byculla to Bangkok** Laxmi Publications

Tips, tricks, and little-known methods used by professional SEO consultants to rank in some of the most competitive search phrases Search engine optimization (SEO) is the process of creating, formatting and promoting web pages in a manner that ensures that they are ranked highly for chosen keyword phrases after a user performs a Web search. This unique book taps the relatively unknown market of advanced SEO knowledge, and reveals secrets used by only the best SEO consultants. You'll take your Internet marketing skills to the next level as you gain a thorough understanding of standard SEO techniques such as on-

page optimization, off-page optimization, and link building. Packed with real-world examples, this essential guide demonstrates how real SEO consultants work with Fortune 500 companies to get the results they desire. Explains the basics of search engine optimization (SEO) and how it enables a specific site to rank high in a Web search based on particular keyword phrases Shares little-known tricks and tips of SEO consultants that work with Fortune 500 companies Demonstrates how to perform a professional SEO Web site audit Reveals the techniques that current SEO leaders use to remain high in rankings Divulges secrets for spying on your competitors' ranking techniques As the only book focused on the subject of SEO consulting, this must-have resource unveils secret tricks of the trade.

The Role of Ideology and Interest in Its Development  
HarperCollins

Generation and Utilization of Electrical Energy is a comprehensive text designed for undergraduate courses in electrical engineering. The text introduces the reader to the generation of electrical energy and then goes on to explain how this energy can be effectively utilized for various applications like welding, electric traction, illumination, and electrolysis. The detailed explanations of practical applications make this an ideal reference book both inside and outside the classroom.

Object Oriented Analysis & Design Tata McGraw-Hill Education  
Modern computer simulations make stress analysis easy. As they continue to replace classical mathematical methods of analysis, these software programs require users to have a solid understanding of the fundamental principles on which they are based. Develop Intuitive Ability to Identify and Avoid Physically Meaningless Predictions Applied Mechanics o

India's Mixed Economy Routledge

Taking a big-picture approach, Piping and Pipeline Engineering: Design, Construction, Maintenance, Integrity, and Repair elucidates the fundamental steps to any successful piping and pipeline engineering project, whether it is routine maintenance or a new multi-million dollar project. The author explores the qualitative details, calculations, and t

**Concepts, Principles, and Practices** John Wiley & Sons

The high-stakes game of the underworld has new faces, working for and against Dawood Ibrahim - the shadowy, manipulative figure that pulls the strings. Dawood's own deputy turned arch-rival Chhota Rajan, thug-turned-politician Arun Gawli, Amar (Raavan) Naik and his engineer brother Ashwin Naik, and a host of other characters, big and small, walk the pages of this compelling history of the Maharashtrian mobsters who were once dubbed 'amchi muley', 'our boys', by Shiv Sena chief Bal Thackeray. Equally fascinating are the stories of the famous - and infamous - policemen and 'encounter specialists' who took the gangs on with great success and not too many scruples. Violence and deceit one expects to read of, but the strength of this book is also its ability to capture the mundane - almost naive -

beginnings of what very quickly became the organized crime and brutal vendettas that held Mumbai to ransom through the last decades of the twentieth century. Meticulously researched and thrillingly told by the acknowledged expert on the underworld, this is faster-paced than *Dongri to Dubai*, and even more chilling in its implications for India and the subcontinent.

A Textbook of Manufacturing Technology Pearson Education India  
Introduction to Database Management Systems is designed specifically for a single semester, namely, the first course on Database Systems. The book covers all the essential aspects of database systems, and also covers the areas of RDBMS. The book in

AUTOMOBILE COMPONENT DESIGN (22558) Pearson Education India

Probability and Statistics (GTU) McGraw-Hill Education

Civil Engineering Firewall Media

While writing the book, we have continuously kept in mind the examination requirements of the students preparing for U.P.S.C. (Engg. Services) and A.M.I.E. (I) examinations. In order to make this volume more useful for them, complete solutions of their examination papers up to 1975 have also been included. Every care has been taken to make this treatise as self-explanatory as possible. The subject matter has been amply illustrated by incorporating a good number of solved, unsolved and well graded examples of almost every variety.

Port and Harbour Engineering Routledge

The New York Times bestselling author of *Being Mortal* and *Complications* reveals the surprising power of the ordinary checklist We live in a world of great and increasing complexity, where even the most expert professionals struggle to master the tasks they face. Longer training, ever more advanced technologies—neither seems to prevent grievous errors. But in a hopeful turn, acclaimed surgeon and writer Atul Gawande finds a remedy in the humblest and simplest of techniques: the checklist. First introduced decades ago by the U.S. Air Force, checklists have enabled pilots to fly aircraft of mind-boggling sophistication. Now innovative checklists are being adopted in hospitals around the world, helping doctors and nurses respond to everything from flu epidemics to avalanches. Even in the immensely complex world of surgery, a simple ninety-second variant has cut the rate of fatalities by more than a third. In riveting stories, Gawande takes us from Austria, where an emergency checklist saved a drowning victim who had spent half an hour underwater, to Michigan, where a cleanliness checklist in intensive care units virtually eliminated a type of deadly hospital infection. He explains how checklists actually work to prompt striking and immediate improvements. And he follows the checklist revolution into fields well beyond medicine, from disaster response to investment banking, skyscraper construction, and businesses of all kinds. An intellectual adventure in which lives are lost and saved and one simple idea makes a tremendous difference, *The Checklist Manifesto* is essential reading for anyone working to get things right.

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