

# Diploma Computer Engineering Syllabus

JAVA PROGRAMMING (22412)  
 ELECTRONICS  
 Objective Electrical Technology  
 A Comprehensive Guide to Secure Cloud Computing  
 Applications of Object-oriented Programming  
 For BE/B.TECH/BCA/MCA/ME/M.TECH/Diploma/B.Sc/M.Sc/BBA/MBA/Competitive Exams & Knowledge Seekers  
 Information Storage and Management  
 Intelligent Systems  
 A Textbook of Electrical Technology - Volume IV  
 Fundamentals, Data Structures and Problem Solving  
 Useful For All Students  
 Basic Computer Engineering Precise  
 Storing, Managing, and Protecting Digital Information in Classic, Virtualized, and Cloud Environments  
 Introduction to Multimedia Systems  
 Electrical Engineering Diploma Engineering MCQ  
 For All University BE(CSE)/B.Tech(IT), B.Sc(CS&IT), BCA & MCA Students  
 New Curricula  
 CAREER GUIDANCE  
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 A TEXTBOOK ON C  
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 NETWORK SECURITY  
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 Proceedings of ICMB 2020  
 Cloud Security

*Diploma Computer Engineering Syllabus*

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## MOHAMMAD FINN

**JAVA PROGRAMMING (22412)** Packt Publishing Ltd

Introduces a programming language that can be used to create interactive content on the World Wide Web

*ELECTRONICS* Springer Nature

Electronics Engineering is a simple e-Book for Electronics Diploma & Engineering Course, Revised Syllabus in 2018, It contains objective questions with underlined & bold correct answers MCQ covering all topics including all about the latest & Important about Applied Science, Mechanical Engineering Sciences, Electrical Circuits, Elements of Electrical Engineering Electronics, Computer-Aided Engineering Drawing, Basic Computer Skills, Electrical Circuit Laboratory, Electrical Writing, Electrical Machines, Communication and Computer Networks, Electrical Power Generation, Electrical and Electronics Measurements, Transmission and Distribution, Power Electronics, Computer-Aided Electrical Engineering, C-Programming, Utilization of Electrical energy and Management, Electric Motor Control and lots more.

*Objective Electrical Technology* S. Chand Publishing

Written in a straightforward, easy to read style, Rob Beales provides the knowledge and techniques needed to build, troubleshoot, and maintain personal computer systems. Divided into three parts, Part 1 forms an introduction to digital computers, leading the reader through the various parts of a modern PC system, including popular peripherals and networking concepts. Part 2 contains a step-by-step guide on the assembly and

configuration of a complete state-of-the-art PC system, including a section on the use of important Windows 98 / ME / 2000 / XP applications and components. Part 3 covers preventative, predictive and corrective maintenance, based in typical current work practice – a major part of the IT practitioner’s work schedule. Case Studies and practical worked examples are included throughout the text, with additional Case Studies, specifically aimed to meet the requirements of e-Quals courses on an accompanying website. Further web resources include key figures from the text available to download in full-colour, with a wealth of extra material covering Binary / Hex and basic logic functions; ASCII tables; Connector types and pinouts; Bus slots; RAM slots and further useful website links. Updated throughout in line with current technologies, the second edition is also designed to cover the latest specifications of BTEC National and City and Guilds e-Quals (400 and 500) courses, and the A+ certification, in addition to meeting the needs of the general PC user.

*A Comprehensive Guide to Secure Cloud Computing* Prentice Hall

Sentence Skills with ReadingsTata McGraw-Hill EducationPlane TrigonometryProgramming In Ansi CTata McGraw-Hill Education

*Applications of Object-oriented Programming* Academic Press

This book is the most well-organised, useful and up to date about career guidance for all students. Covering more than 100 topics in fields that range from school to college. Students can check at a glance summary for chosen careers to learn about career paths, examinations and more. Today, We live and breathe in the information age where all knowledge is at our fingertips, but students get confused choosing career from the wide array of career fields available after 10th & 12th standard. All the career options have been given in this book. I have included here- 1. Choosing a Career-----  
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-----151 7.8. Speech Therapy & Adiology-----	Chemical Engineering is a simple e-Book for Chemical Diploma & Engineering Course Revised Syllabus in 2018, It contains objective questions with underlined & bold correct answers MCQ covering all topics including all about the latest & Important about Basics of Computer Systems, Chemistry I, Chemistry II, Engineering Drawing I, Engineering Drawing II, Physics I, Physics II, Applied, Mathematics Communication Skill, Development of life skill, Engineering Mathematics, Workshop, Organic and Physical Chemistry, Strength of Materials, Technology of Plastics, Electrical Technology, Principles of Stoichiometry, Polymer Chemistry, Applied Mathematics, Petroleum Refining and Petrochemicals, Basic Electronics, Technology of Inorganic Chemicals, Fluid Flow and Heat Transfer, Mechanical operations, Material of Construction, Technology of Organic Chemicals & Products, Plant Training, Chemical Engineering Thermodynamics, Introduction to Energy System Engineering, Chemical Reaction Engineering, Process Instrumentation & Control, Stress Management, CADD & Estimation, Chemical Engineering Drawing, Mass Transfer, Plant Utilities, Project, Industrial Management and lots more.
-----153 7.9. Camera Journalism-----	Independently Published
-----155 7.10. Dental Mechanics-----	This Book On Fundamental Of Computers Covers The Syllabus Of Basic Subjects Taught In Various Multidisciplinary Degree And Diploma Courses Of Study. Though, There Are Many Books On The Generic Title Of Fundamentals Of Computers They Are More Specific To The Branch Of Computer Engineering. This Book, However, Provides A Naive Reader A Systematic And Sound Understanding About All General Aspects Of Computers And It.
-----156 7.11. Radiography-----	<b>Information Storage and Management</b> Tata McGraw-Hill Education
-----158 7.12. Fitness Trainer-----	Includes coverage of OS design. This title provides a chapter on real time and embedded systems. It contains a chapter on multimedia. It presents coverage of security and protection and additional coverage of distributed programming. It contains exercises at the end of each chapter.
-----160 7.13. Web & Multimedia Technology-----	<b>Intelligent Systems</b> Cambridge University Press
-----161 7.14. Career in Yoga-----	This book is designed as a first-level introduction to Microprocessor 8085, covering its architecture, programming, and interfacing aspects.
-----162 7.15. Fashion Technology & Textile Designing-----	Microprocessor 8085 is the basic processor from which machine language programming can be learnt. The text offers a comprehensive treatment of microprocessor's hardware and software. Distinguishing features : All the instructions of 8085 processor are explained with the help of examples and diagrams. Instructions have been classified into groups and their mnemonic hex codes have been derived. Memory maps of different memory sizes
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have been illustrated with examples. Timing diagrams of various instructions have been illustrated with examples. A large number of laboratory-tested programming examples and exercises are provided in each chapter. At the end of each chapter, numerous questions and problems have been given. Problems from previous years' question papers have been separately given in each chapter. More than 200 examples and problems have been covered in the entire text. This book is designed for undergraduate courses in B.Sc. (Hons) Physics and B.Sc. (Hons) Electronics. It will also be useful for the students pursuing B.Tech. degree/diploma in electrical and electronics engineering.

**A Textbook of Electrical Technology - Volume IV** Lulu Press, Inc

This book has been written for the Medical/Pharmacy/Nursing/ME/M.TECH/BE/B.Tech students of All University with latest syllabus for Computer Science Department Students. The basic aim of this book is to provide a basic knowledge in Computer Science Student & Resolve the students searching short and long answer questions. This question bank is based on the latest Syllabus Computer Science students of degree, diploma & AMIE courses and a useful reference for these preparing for competitive examinations. This book is divided into five chapters. Each units contains short and long answer questions.

*Fundamentals, Data Structures and Problem Solving* John Wiley & Sons

A complete guide to successful learning using Moodle.

**Useful For All Students** John Wiley & Sons

This book entitled as ""Network Security"" to the students of Sixth Semester Diploma in Computer Science & Engineering. The book is written according to the New Syllabus of State Board of Technical Education (SBTE), Jharkhand. The book covers theory of internet, TCP/IP protocols, network vulnerabilities, threats and attacks, cryptography, Bitcoins and Blockchains, firewalls, VPNs and so on.

*Basic Computer Engineering Precise* Springer Science & Business Media

In the present edition, authors have made sincere efforts to make the book up-to-date. A notable feature is the inclusion of two chapters on Power System. It is hoped that this edition will serve the readers in a more useful way.

*Storing, Managing, and Protecting Digital Information in Classic, Virtualized, and Cloud Environments* PHI Learning Pvt. Ltd.

Well-known security experts decipher the most challenging aspect of cloud computing-security Cloud computing allows for both large and small organizations to have the opportunity to use Internet-based services so that they can reduce start-up costs, lower capital expenditures, use services on a pay-as-you-use basis, access applications only as needed, and quickly reduce or increase capacities. However, these benefits are accompanied by a myriad of security issues, and this valuable book tackles the most common security challenges that cloud computing faces. The authors offer you years of unparalleled expertise and knowledge as they discuss the extremely challenging topics of data ownership, privacy protections, data mobility, quality of service and service levels, bandwidth costs, data protection, and support. As the most current and complete guide to helping you find your way through a maze of security minefields, this book is mandatory reading if you are involved in any aspect of cloud computing. Coverage Includes: Cloud Computing Fundamentals Cloud Computing Architecture Cloud Computing Software Security Fundamentals Cloud Computing Risks Issues Cloud Computing Security Challenges Cloud Computing Security Architecture Cloud Computing Life Cycle Issues Useful Next Steps and Approaches

**Introduction to Multimedia Systems** Lulu Press, Inc

This book is designed to provide a solid introduction to the basics of C programming, and demonstrate C's power and flexibility in writing compact and efficient programs not only for information processing but also for high-level computations. It is an ideal text for the students of Computer Applications (BCA/MCA), Computer Science (B.Sc./M.Sc.), Computer Science and Engineering (B.E./B.Tech), Information Technology (B.E./B.Tech.) as

well as for the students pursuing courses in other engineering disciplines, both at the degree and diploma levels, possessing little or no programming experience. The book presents a comprehensive treat-ment of the language, highlighting its key features and illustrating effective programming techniques by examples. The basic programming concepts such as data types, input and output statements, looping statements, etc. are clearly explained in a simplified manner. The advanced techniques such as functions, pointers and files are discussed thoroughly. One of the key topics, Data Structures, is explained in detail with diagrammatic representations and well-written programs. The linked list, the heart of the data structure part, is very well illustrated. The final part of the book contains a collection of solved programs to reinforce the understanding of the concepts of the C language.

**Electrical Engineering Diploma Engineering MCQ** Sentence Skills with Readings

Case studies implemented in several object-oriented programming languages including C++, Smalltalk, Objective-C, Actor and Object pascal.

PHI Learning Pvt. Ltd.

Lather Technology is a simple e-Book for Lather Technology Diploma & Engineering Course, Revised Syllabus in 2018, It contains objective questions with underlined bold correct answers MCQ covering all topics including all about the latest & Important about Analytical Chemistry Of Leather, Chemistry and Technology of Leather Manufacture, Computer Applications in Leather Technology, Fashion Styling And Computer Aided Design Of Leather Product, Footwear Technology, Principles of Material Testing's, Principles of Unit Operations and processes in Leather Manufacture Science and Technology of leather Auxiliaries Theory and Mechanism of Inorganic Tonngages Theory of Leather Supplements and Synthetics and lots more.

**For All University BE(CSE)/B.Tech(IT), B.Sc(CS&IT), BCA & MCA Students** PHI Learning Pvt. Ltd.

A Textbook of Electrical Technology(Vol. IV) Multicolor pictures have been added to enhance the content value and give to the students an idea of what he will be dealing in reality and to bridge the gap between theory and practice. A notable feature is the inclusion of chapter on Flip-Flops and related Devices as per latest development in the subject. Latest tutorial problems and objective type questions specially for GATE have been included at relevant places.

*New Curricula* Manoj Dole

This book presents a detailed exposition of C in an extremely simple style. The various features of the language have been systematically discussed. The entire text has been reviewed and revised incorporating the feedback from the readers. Each chapter has been expanded to include a variety of solved examples and practice problems.

**CAREER GUIDANCE** Addison Wesley Publishing Company

The new edition of a bestseller, now revised and update throughout! This new edition of the unparalleled bestseller serves as a full training course all in one and as the world's largest data storage company, EMC is the ideal author for such a critical resource. They cover the components of a storage system and the different storage system models while also offering essential new material that explores the advances in existing technologies and the emergence of the "Cloud" as well as updates and vital information on new technologies. Features a separate section on emerging area of cloud computing Covers new technologies such as: data de-duplication, unified storage, continuous data protection technology, virtual provisioning, FCoE, flash drives, storage tiering, big data, and more Details storage models such as Network Attached Storage (NAS), Storage Area Network (SAN), Object Based Storage along with virtualization at various infrastructure components Explores Business Continuity and Security in physical and virtualized environment Includes an enhanced Appendix for additional information This authoritative guide is essential for getting up to speed on the newest advances in information storage and management.

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