

# **Fundamentals of Computer Hardware**

Author: Mandeep Singh Bhatia

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# **Product Description**

This book written in simple language. You can get technical training regarding assembling, disassembling, maintenance, troubleshooting and upgrading PC's with the help of this book. This book covers everything from introduction of computer hardware to the advanced repairing techniques. You can learn regarding preventive maintenance of PC, which is a necessary part of every PC, because it insures that a PC operates for longer time periods and it involves fixing problems before they occur. The idea given behind preventive maintenance is to set aside some time to routinely open the computer, inspect it, clean it, and fix any items that may need attention.



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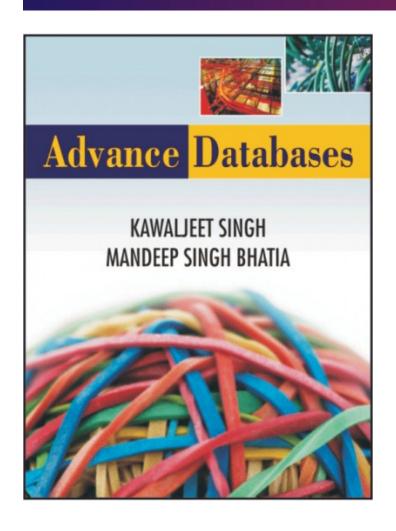
Chapter 1: Introduction to PC Chapter 2: Assembling and Disassembling a PC Chapter 3: Preventive Maintenance of a PC Chapter 4: Troubleshooting General PC Problems Chapter 5: Hard Disk Chapter 6: Floppy Disk Chapter 7: CD and DVD Drives Chapter 8: Central Processing Unit (CPU) Chapter 9: Motherboards Chapter 10: Memory Chapter 11: Peripheral Devices Chapter 12: Modems Chapter 13: Adapter Cards Chapter 14: The PC Buses Chapter 15: Basic Input/ Output System (BIOS) Chapter 16: Buying a Computer Appendix A : Glossary of Terms Beep Codes

#### **Author**

Mandeep Singh Bhatia Mr. Mandeep Singh Bhatia is presently working as Lecturer in Department of Computer Science & IT, Lyallpur Khansa College, Jalandhar. He is Master in Information Technology and has appropriate knowledge of Computer Software and Hardware. He is proficient in applying Data Mining Techniques in various fields. His subjects of interest are Data Warehousing, Data Mining, Computer Networks and Computer Hardware. His total teaching experience is of 5 years. He has written one research paper which has been published in the proceedings of international conference held at Austria. Other books by authore are: "Fundamentals of Computer Hardware" and "A Beginner's Guide to Visual Bsaic 6".



# K H A N N A B O O K S . C O M



## **Advance Databases**

Author: Kawaljeet Singh

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Country Origin: India

# **Product Description**

This book provides a comprehensive introduction to database system concepts, design and their applications. Besides the introduction of the simple databases concepts; it also covers the advance databases concepts with latest developments and trends in database technology. Basic concepts of database management systems. Step-by-step information to the concepts of normalization with various normal forms. Relational database concepts such as relational algebra and relational calculus with simplified examples. Advance and emerging database concepts such as object oriented database, distributed database, data warehousing, OLAP and data mining. Exercises having long answer type question for university exams; MCQ's for competitive exams.



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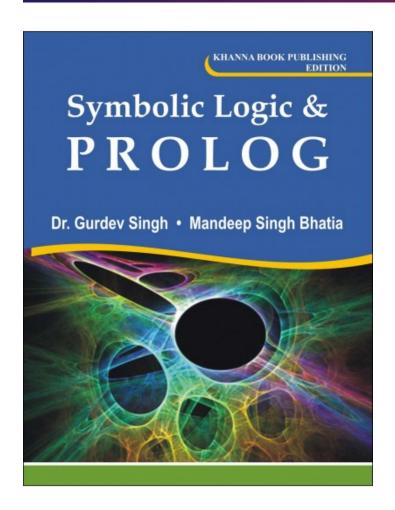
Chapter 1: Rudiments of Databases Chapter 2: Modelling Databases Chapter 3: Normalization Chapter 4: Relational Databases Concepts Chapter 5: Database Security Chapter 6: Essentials of SQL Chapter 7: Transaction Processing Chapter 8: Concurrency Control Chapter 9: Backup and Recovery Chapter 10: Overview of Advance Databases Concepts Chapter 11: Data Warehousing Chapter 12: Online Analytical Processing Chapter 13: Data Mining

#### **Author**

Mandeep Singh Bhatia Mr. Mandeep Singh Bhatia is presently working as Lecturer in Department of Computer Science & IT, Lyallpur Khansa College, Jalandhar. He is Master in Information Technology and has appropriate knowledge of Computer Software and Hardware. He is proficient in applying Data Mining Techniques in various fields. His subjects of interest are Data Warehousing, Data Mining, Computer Networks and Computer Hardware. His total teaching experience is of 5 years. He has written one research paper which has been published in the proceedings of international conference held at Austria. Other books by authore are: "Fundamentals of Computer Hardware" and "A Beginner's Guide to Visual Bsaic 6". Kawaljeet Singh Dr. Kawaljeet Singh is presently working as Director, University Computer Centre, Punjab University, Patiala. He is also acting as Dean Faculty of Computer Application (Honorary) & member industry-institute formation of quality committee, PTU, Jalandhar. Earlier, he worked as Professor and Head, Department of Computer Science & Engineering, Guru Nanak Dev University, Regional Campus, Jalandhar. He was also the chairman board of both postgraduate and undergraduate (CSE) & Dean Faculty of Engineering & Technology, GNDU, Amritsar. His total teaching experience is of 18 years. He has written 3 books. His 11 research papers are published in national journal and one paper in international journal.



# K H A N N A B O O K S . C O M



# **Symbolic Logic & Prolog**

Author: Mandeep Singh Bhatia

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## **Product Description**

This book provides a comprehensive introduction to Symbolic Logic concepts such as Propositional and First-order logic. It Also Covers the programming language PROLOG with suitable examples. At last, this book also covers the concepts of Fuzzy Logic and Neural Networks. This book covers the syllabus of the courses in the disciplines of: B. Tech. (CSE) 7th semester, GNDU, Amritsar, M.Sc (IT) 2nd semester, GNDU, Amritsar B. Tech. (CSE) 7th semester, PTU, Jalandhar



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Chapter 1: Propositional Logic Chapter 2: First Order Logic Chapter 3: Representing World Knowledge Chapter 4: Introduction to Prolog Chapter 5: Programming in Prolog Chapter 6: Recursion Chapter 7: Structural Data Representation Chapter 8: Unification Chapter 9: Controlling Backtracking Chapter 10: Built in Predicates Chapter 11: Non-Declarative Features of Prolog Chapter 12: Resolution

Chapter 13: Fuzzy Logic and Neural Networks Appendix Questions Papers

### **Author**

Mandeep Singh Bhatia Mr. Mandeep Singh Bhatia is presently working as Lecturer in Department of Computer Science & IT, Lyallpur Khansa College, Jalandhar. He is Master in Information Technology and has appropriate knowledge of Computer Software and Hardware. He is proficient in applying Data Mining Techniques in various fields. His subjects of interest are Data Warehousing, Data Mining, Computer Networks and Computer Hardware. His total teaching experience is of 5 years. He has written one research paper which has been published in the proceedings of international conference held at Austria. Other books by authore are: "Fundamentals of Computer Hardware" and "A Beginner's Guide to Visual Bsaic 6".

