

# A Textbook of Operating Systems

**Author:** Jatinder Singh

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## **Product Description**

Keywords to revise the work and huge emphasis on relevant figure work. Special focus on process, memory, storage and input output management. Special chapters on the networks, distributed and multiprocessing. Review questions and other exercises are provided at the end of each chapter enabling the readers to touch the core of the subject. excellent organization of material, keeping in view the syllabus of different universities. Presents large no. of case studies for better understanding.



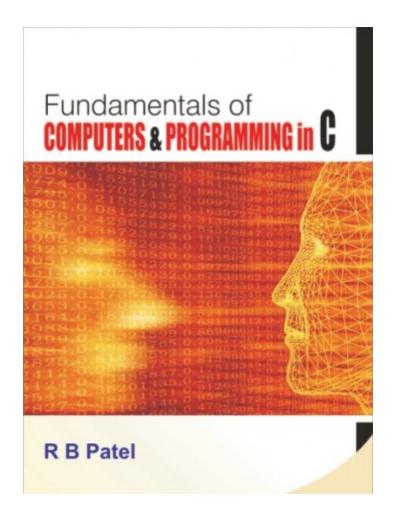
### **Table of Contents**

**Chapter 1:** Introduction to Operating Systems. **Chapter 2:** Process Management. **Chapter 3:** Memory Management. **Chapter 4:** File and Device Management. **Chapter 5:** Security and Protection. **Chapter 6:** Network and Distributed Systems. **Chapter 7:** Case Studies of Operating Systems.

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# Fundamentals of Computers & Programming in C

**Author:** R.B. Patel

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## **Product Description**

This book provides comprehensive exploration and detailed coverage on computer fundamentals and C programming. Offering a solid foundation in computer fundamentals to applications, this book is ideally suited to the needs of undergraduate and postgraduate engineering students. It is equally well suited for self study by technical professionals.



### **Table of Contents**

Chapter 1: Computer System. Chapter 2: Number system. Chapter 3: The Operating system. Chapter 4: Unix Operating System. Chapter 5: Linux Operating System. Chapter 6: Disk Operating system (DOS). Chapter 7: Windows Server 2003. Chapter 8: Data Communications and Networks. Chapter 9: Internet Features and Working. Chapter 10: E-mail. Chapter 11: File Transfer Protocol (FTP). Chapter 12: Using the Internet. Chapter 13: Programming Languages. Chapter 14: Introduction to C. Chapter 15: Data Types. Chapter 16: Operators and Expressions. Chapter 17: Loops and Decisions. Chapter 18: Functions. Chapter 19: Arrays. Chapter 20: Pointers. Chapter 21: Structures and Union. Chapter 22: File Handling in C.

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Prof. Ram Bahadur Patel, Professor, Department of Computer Science and Engineering, Chandigarh College of Engineering and Technology, U. T. Administration Chandigarh, earlier he was Professor at NIT Uttarakhand, graduated from Madan Mohan Malaviya Engineering College Gorakhpur in Computer Engineering in the year 1991. He did M.S. from BITS Pilani in the year 1996. He obtained his Ph.D. from the Indian Institute of Technology, Roorkee in the field of Distributed Computing and PDF in Reliable Computing from Athens Greece in the year 2005. He has supervised 18 PhD thesis and 42 M. Tech. dissertation. He has 4 Patents (1 US and 3 Indian) to his credit. He has published more than 190 research paper in International/National Journals and Conferences. He has organized 7 International Conferences/Seminars. He has edited 5 Scopus indexed Journal/Proceedings of National and International publishers, viz. Springer Verlag, American Institute of Physics etc. He has authored 7 Books on Data Structures, Automata Theory, etc.

