



## Operating Systems

**Author :** Ikvinderpal Singh

**ISBN 13 :** 978-93-81068-72-4

**ISBN 10 :** 93-81068-72-0

**E-ISBN 13 :** 978-93-81068-72-4

**Edition :** 1

**Pages :** 680

**Type of book :** Paperback

**Weight (g) :** 886.00

**Year :** 2013

**Language :** English

**Publisher :** Khanna Publishing House

**Price :** Rs 288.00

**Categories :** [All book](#), [Computer Science Engineering](#)

**Condition Type :** New

**Country Origin :** India

### Product Description

Fundamental concepts are introduced in simple terms, Numerous examples are included to illustrate concepts and techniques. The sequence of topics is well planned to provide a seamless transition from design to implementation. With each chapter, the continuity of topics is excellent. The figures appropriately enhance and amplify the topics. Case studies are organized in a lucid manner. The exercises can be found at the end each chapter. Other sections are devoted to advanced topics, e.g. deadlock characterization, process synchronization and scheduling in multiprocessor systems, file sharing semantics, file system reliability and capabilities.



**Khanna Publishing House**

4C/4344, Ansari Road, Daryaganj, New Delhi-110002

Email: [contact@khannabooks.com](mailto:contact@khannabooks.com) | Tel: 011-2324 44 47 - 48 | Mobile: + +91-99109 09320

---

## Table of Contents

---

Chapter 1: Overview Chapter 2: Computer System Structures Chapter 3: Operating System Structures Chapter 4: Process and Threads Chapter 5: Process Scheduling Chapter 6: Process Synchronization Chapter 7: Deadlocks Chapter 8: Memory Management Chapter 9: Virtual Memory Chapter 10: Input/Output and Device Management Chapter 11: Disk Management Chapter 12: File Management Chapter 13: Protection And Security Chapter 14: Distributed Systems Chapter 15: Case Studies Of Unix And Windows NT

---

## Author

---

**Ikvinderpal Singh** Ikvinderpal Singh, is Lecturer of P.G. Deptt. Of Computer Science & Applications, Khalsa College, Amritsar which is a premier institute in North India. He obtained his MCA with distinction from Guru Nanak Dev University, Amritsar. He has always been excellence right from his student carrer. He has written five books. He brought name for himself when he topped the college in B.Sc. His other areas of interest include Fuzzy systems, digital electronics and java programming.

---

