

Electronic Devices

N. Sarkar

Video Tutorials/Lectures

1. ***Fundamentals of Semiconductor Device***

This lecture series offers a complete guide to semiconductor devices, from fundamental concepts to advanced applications. [NPTEL: Prof. Digbijoy Nath, IISC Bangalore]

2. ***Introduction to Semiconductor Physics***

This playlist consists of a comprehensive guide for semiconductor devices by John Luis Edmunds.

Books

1. ***Microelectronic Circuits Theory and Applications***

Adel S. Sedra. Provides the most comprehensive, flexible, accurate and design-oriented treatment of electronic circuits available today.

2. ***Physics of Semiconductor Devices***

Simon M. Sze. An authoritative reference that covers all aspects of semiconductor physics and devices.

3. ***Solid State Electronic Devices***

Ben G. Streetman and Sanjay Banerjee. A well-established textbook on solid-state devices.