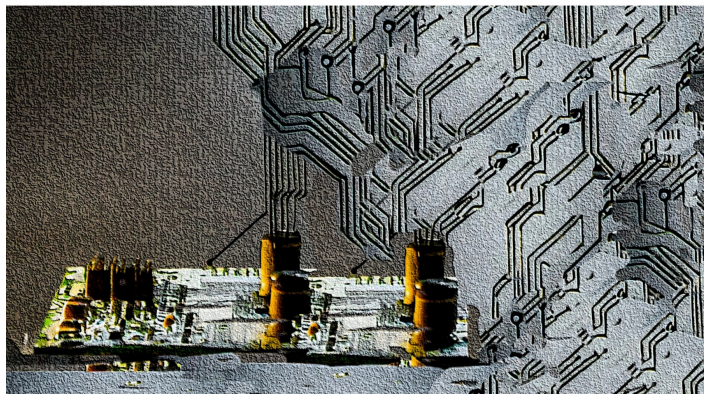




अखिल भारतीय तकनीकी शिक्षा परिषद्
All India Council for Technical Education

Electronic Devices and Circuits



Ankesh Jain

II Year Diploma level book as per AICTE model curriculum
(Based upon Outcome Based Education as per National Education Policy 2020).
The book is reviewed by Prof. Shivam Verma.

Electronic Devices and Circuits

Author :	Ankesh Jain
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Product Description

Electronic Devices and Circuits This book gives detailed description about basics of semiconductor devices, its operation, involved device physics and applications. It also covers basic concept related to small signal analysis, circuit analysis and covered examples with their step-by-step solutions makes this book a perfect offering on the subject. Salient features:

- Content of the book aligned with the mapping course outcomes, programs and Units Outcomes.
- In the beginning of each unit learning outcomes are listed to make the student understand what is expected out of him/her after completing that unit.
- Book provides lots of recent information, interesting facts, QR code for E-resources, QR code for use of ICT, projects, group discussion etc.
- Student and teacher centric subject materials included in book with balanced and chronological manner.
- Figures, tables, and software screen shots are inserted to improve clarity of the topics.
- Apart from essential information a 'know more' section is also provided in each unit to extend the learning beyond syllabus.
- Short questions, objective questions and long answer exercises are given for practice of students after every chapter.
- Solved and unsolved problems including numerical examples are solved with systematic steps

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3. Field Effect Transistor (FET)
4. Power Devices
5. Amplifier and Oscillator

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