

AICTE PRESCRIBED TEXTBOOK AS PER MODEL CURRICULUM

Aligned with Outcome Based Education

National Education Policy 2020



ఉష్ణగతిక శాస్త్రం యొక్క
ప్రాథమికాంశాలు

పర్యోద్ కుమార్ | అతుల్ ధార్



అఖిల భారత సాంకేతిక విద్యా మండలి
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Basics of Thermodynamics

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Product Description

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- Content of the book aligned with the mapping of Course Outcomes, Programs Outcomes and Unit 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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- Energy and the First Law of Thermodynamics
- Properties of Pure Substance
- Energy Analysis for Control Volumes
- Second Law of Thermodynamics
- Entropy
- Exergy
- Basic Power and Refrigeration Cycles

Appendices CO and PO Attainment Table Index

Author

Dr. Parmod Kumar Assistant Professor, School of Mechanical and Materials Engineering, IIT Mandi **Dr. Atul Dhar**
Associate Professor, School of Mechanical and Materials Engineering, IIT Mandi



Khanna Publishing House

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

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

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ડૉ. પ્રમોદ કુમાર | ડૉ. અનુલ ઘર



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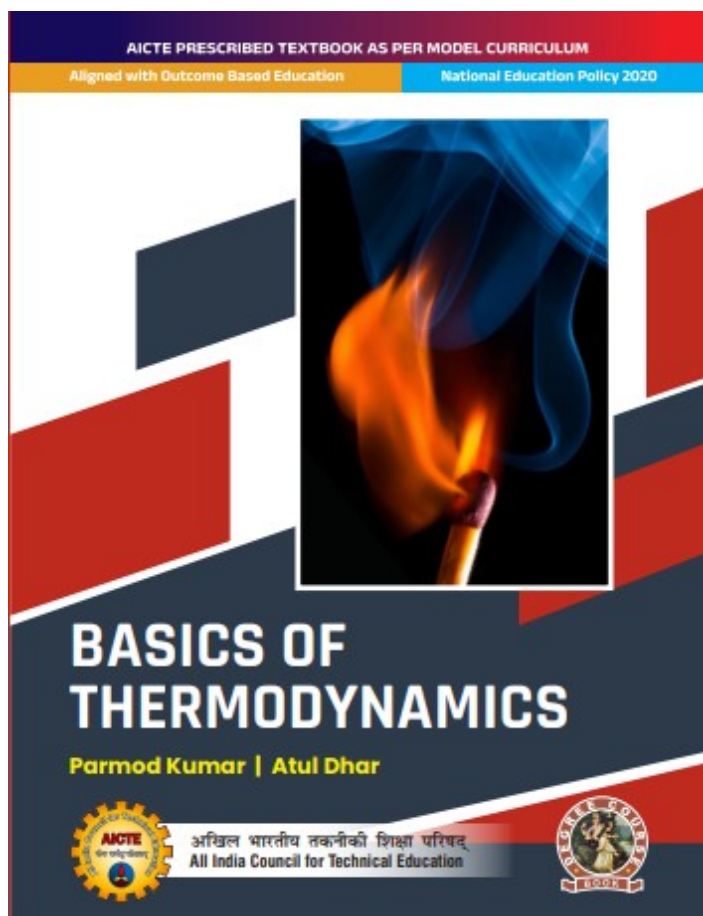
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