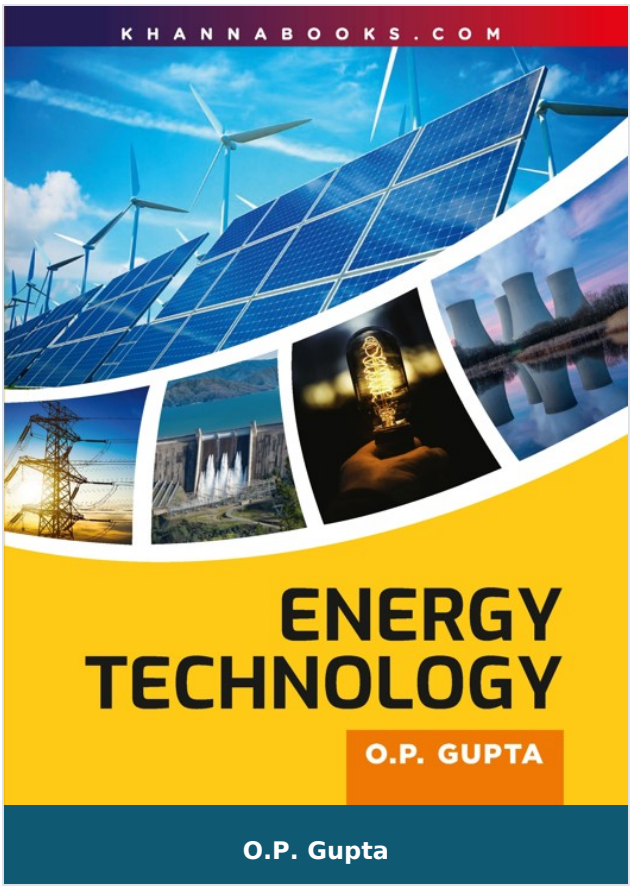

Energy Technology

Author :	O.P. Gupta
ISBN 13 :	978-93-86173-68-3
ISBN 10 :	9386173689
E-ISBN 13 :	978-93-86173-68-3
Edition :	First
Pages :	850
Type of book :	Physical
Year :	2025
Language :	English
Publisher :	Khanna Publishing House
M.R.P :	Rs 595.00
Categories :	Environmental Engineering, Electrical, Electronics & Communication Engineering, Environmental Engineering, Book Store
Condition Type :	New
Country Origin :	India

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

Product Description

Energy Technology is an integral part of the degree, postgraduate & diploma curriculum of various branches of engineering. besides, it is also a compulsory paper for various associate membership examination conducted by professional bodies like institution of engineering (AMIE), Indian Institute of Metals (AMIIM), Indian Institute of Chemical Engineering (AMIICHE), BEE etc. This book has been prepared strictly as per the syllabus of these examinations. Short questions & answer and multiple-choice questions & answers drawn from the examination papers of various engineering colleges and professional bodies examinations given at the end of the book enhances its utility for the student.

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

Table Of Contents

- Chapter-1. Introduction to energy basics and energy scenario
- Chapter-2. Fuel and Combustion Technology
- Chapter-3. Alternate fuels for transportation
- Chapter-4. Furnaces
- Chapter-5. Boilers
- Chapter-6. Waste heat recovery
- Chapter-7. Steam-properties & efficient utilization
- Chapter-8. Thermal Insulation
- Chapter-9. Refractories
- Chapter-10. Basics of Electric Energy Uses
- Chapter-11. Electric Transformers
- Chapter-12. Electric Motors
- Chapter-13. Fans and blowers
- Chapter-14. Pumps and pumping system
- Chapter-15. Cooling towers
- Chapter-16. Compressed air system
- Chapter-17. Refrigeration system
- Chapter-18. Diesel Generator (DG) set system
- Chapter-19. Energy efficient lighting systems
- Chapter-20. Energy efficient technologies in electrical system
- Chapter-21. Power Cogeneration
- Chapter-22. Energy Conversion System
- Chapter-23. Energy Storage Systems

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

- Chapter-24. Energy Efficient Building
- Chapter-25. Waste To Energy (WTE) Generation
- Short Question & Answer on Conventional Energy

Author

O.P. Gupta

O.P. Gupta Om Prakash Gupta is basically being a chemical engineer, he has a practising experience of efficient Ennergy management and HR functions in steel Industry for more than three decades. privileged to be the youngest writer of technical books in the country (for he had written his first book at the age of 24 years while doing M. Tech. at I.I.T kanpur in 1979), he has authored many frontline books for engineering students. besides, being the regular faculty member in technical courses for Management Trainees (Technical), he has also visited england and france on a study tour sponsored by United Nations Development Programme (UNDP) to study the scope of energy conservation in steel plants in 1987.

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