

**List of Text Books:
For 1st Year B. Tech. 2nd Semester:**

Engineering Graphics and Workshop Practice

S. No.	Title of book	Author	Publisher
1	Elements of workshop technology Vol 1	Hazra, Choudhury,& Roy	Media Promoters and Publishers Pvt. Ltd
2	Engineering Drawing	Bhatt N D	Charotar Publishing House Pvt. Ltd

Physics-II

S. No.	Title of book	Author	Publisher
1	Concepts of Modern Physics	A. Beiser	Tata McGraw Hill
2	Physics for Scientists and Engineers with Modern Physics	Raymond A. Serway, John W. Jewett	Cengage Learning

Chemistry-II

S. No.	Title of book	Author	Publisher
1	Organic Chemistry	Morrison & Boyd	Prentice Hall
2	Lehninger Principles of Biochemistry	Nelson and Cox	W.H. Freeman
3.	Inorganic Chemistry: Principles of Structure and Reactivity,	Huheey, Keiter, Keiter	Pearson Education

Numerical & Statistical Methods

S. No.	Title of book	Author	Publisher
1	<i>Probability and Statistics in Engineering</i>	Hines, Montgomery, Goldsman & Borror	Wiley Student Edition
2	<i>Applied Numerical Analysis</i>	Gerald and Wheatley	Pearson Education
3	<i>Introductory Methods of Numerical Analysis</i>	Sastry, S. S.	PHI
4	<i>Numerical Methods with Programs in C</i>	T Veerarajan and T Ramachandran	Tata McGraw-Hill Pub. Co. Ltd.
5	<i>Applied Statistics & Probability for Engineers</i>	Montgomery	Wiley Student Edition

Petroleum Refining-I

S. No.	Title of book	Author	Publisher
1	Handbook of Petroleum Processing	Jones, D. S. J. and Pujado, P. P.,	Springer, New York,
2	Petroleum Refining- Technology and Economics	James H. Gary, Glenn E. Handwerk, Mark J. Kaiser	CRC Press

Natural Gas Engineering

S. No.	Title of book	Author	Publisher
1	Natural Gas Production Engineering	M. G. Kelkar	PennWell, 2002
2	Natural Gas Production Engineering	Ikoku C. I.	Krieger P. C. , 1992

Unit Operation - 2 (Separation Processes)

S. No.	Title of book	Author	Publisher
1	Separation Process Principles	J. D. Seader, E.J. Henley	John Wiley & Sons, Inc
2	Mass Transfer Operations	R. E. Treybal	Mc-Graw Hill,

Process Dynamics & Control

S. No.	Title of book	Author	Publisher
1	<i>Process Dynamics and Control</i>	Seborg D.E., T.F. Edgar, and D.A. Mellichamp	2nd Ed., John Wiley & Sons Inc., New York, NY (2004)
2	<i>Modern Control Engineering</i>	Ogata. Katsutuko	4 th Ed., Prentice Hall of India, New Delhi, 2002.
3	<i>Chemical Process Control: An Introduction to Theory and Practice (REFERENCE BOOK)</i>	Stephanopoulos, G.	Prentice Hall of India, New Delhi, 1997.

Alternative Energy Sources

S. No.	Title of book	Author	Publisher
1	Renewable Energy: Power for a sustainable future	Godfrey Boyle,	Oxford University Press.
2	Renewable Energy Sources and Emerging Technologies	D.P. Kothari	PHI Learning Private Ltd.

Petroleum Economics

S. No.	Title of book	Author	Publisher
1	Project Economics and Decision Analysis	Mian M. A.	PennWell, 2006
2	Decision Analysis for Petroleum Exploration	Newendrop P.	PennWell, 2000

Numerical Reservoir Simulation

S. No.	Title of book	Authors	Publisher
1	Basic Applied Reservoir Simulation	Ertekin T., Abou-Kassem J. H., Gregory R. K.	SPE 2001
2	Petroleum Reservoir Simulation	Abou- Kassem J. H., Farouq Ali S. M., Islam M. R.	GPC, 2006
3	Fundamentals of Numerical reservoir Simulation	Peaceman D. W.	ELSEVIER, 1977

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1	0	Ertekin T., Abou-Kassem J. H., Gregory R. K.	SPE 2001
2	Petroleum Reservoir Simulation	Abou- Kassem J. H., Farouq Ali S. M., Islam M. R.	GPC, 2006
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