

**List of Text Books:****For 1<sup>st</sup> Year B. Tech. 1<sup>st</sup> Semester:**

## Professional Comm.-I

S. No.	Title of book	Author	Publisher
1.	<i>Business Communication</i>	Meenakshi Raman & Prakash Singh	Oxford Higher Education
2.	<i>Effective Technical Communication</i>	M. Ashraf Rizvi	Tata McGraw Hill Publishing Co. Ltd.

## Physics-I

S. No.	Title of book	Author	Publisher
1.	<i>Concepts of Modern Physics Sixth Edition</i>	Arthur Beiser	Tata McGraw Hill Publishing Co. Ltd.

## Chemistry-I

S. No.	Title of book	Author	Publisher
1.	<i>Engineering Chemistry</i>	P.C. Jain & Monika Jain	Dhanpat Rai & Sons
2.	<i>Organic Chemistry 6<sup>th</sup> Edition</i>	Morrison & Boyd	Prentice-Hall

## Mathematics-I

S. No.	Title of book	Author	Publisher
1.	<i>Calculus and Analytic Geometry 9<sup>th</sup> Edition</i>	Thomas, G. B. & Finney, R. L.	Pearson Education

## Computer Programming

S. No.	Title of book	Author	Publisher
1.	<i>Programming with JAVA 3<sup>rd</sup> Edition</i>	E. Balaguruswamy	Tata McGraw Hill Publishing Co. Ltd.

Introduction to Geosciences

S. No.	Title of book	Author	Publisher
1.	<i>Introduction to Geology</i>	P. K. Mukherjee	

**For 2<sup>nd</sup> Year B. Tech. 3<sup>rd</sup> Semester:**

Material Science

S. No.	Title of book	Author	Publisher
1.	<i>Materials Science and Engineering: A First Course, 5<sup>th</sup> Ed</i> (Year of publication: 2000)	Raghavan, V.	Prentice Hall of India, New Delhi
2.	<i>Elements of Material Science &amp; Engineering Sixth Edition</i>	Lawrence H. van Vlack	Pearson Education

Introduction to Petroleum Refining & Gas Processing

S. No.	Title of book	Author	Publisher
1.	<i>Nontechnical Guide to Petroleum Geology, Exploration, Drilling, and Production</i>	Norman J. Hyne	Penn Well Corporation.
2.	<i>Handbook of Natural Gas Transmission and Processing</i>	Saeid Mokhatab, William A. Poe and James G. Speight,	Gulf Professional Publishing

Heat & Mass Transfer

S. No.	Title of book	Author	Publisher
1.	<i>Heat Transfer, 9<sup>th</sup> Ed</i> (Year of publication: 2002)	Holman, J. P.	McGraw Hill, New York

Text book for Mass Transfer

S. No.	Title of book	Author	Publisher
1.	<i>Fundamentals of Momentary Heat &amp; Mass Transfer, 4<sup>th</sup> Edition</i>	Welty et al.	Wiley Publication

### Mathematics –III

S. No.	Title of book	Author	Publisher
1.	<i>Advanced Engineering Mathematics, 8th Ed.</i>	Erwin Kreyszc	Wiley-India Edition
2.	<i>Introduction to Probability Models</i>	Ross, S. M.	Academic Press

### Fluid Mechanics

S. No.	Title of book	Author	Publisher
1.	<i>Fluid Mechanics and its applications (Year of publication 1984)</i>	Gupta V. and Gupta S. K.	New Age Intl., New Delhi,

### Thermodynamics

S. No.	Title of book	Author	Publisher
1.	<i>Introduction to Thermodynamics</i>	Y. V. C. Rao	New Age Intl., New Delhi,

### For 3<sup>th</sup> Year B. Tech. 5<sup>th</sup> Semester

#### Electrical Engg. & Electronics

S. No.	Title of book	Author	Publisher
1.	<i>Electronics Devices and Circuit Theory</i>	Bolyestad R. and Nashelsky, L	Prentice Hall of India
2.	<i>Basic Electrical Engineering</i>	D P Kothari and I J Nagrath	Tata McGraw Hill Education Pvt

#### Prime Movers, Pumps & Compressors

S. No.	Title of book	Author	Publisher
1.	<i>Internal Combustion Engines</i>	V. Ganesan	McGraw-Hill

#### Mass & Energy Balance

S. No.	Title of book	Author	Publisher
1.	<i>Product &amp; Process Design Principles</i>	Seider, W. D., Seader, J. D., and Lewin D. R.	Wiley, India

## For 4<sup>th</sup> Year B. Tech. 7<sup>th</sup> Semester

### Introduction to Polymers

S. No.	Title of book	Author	Publisher
1.	<i>Textbook of Polymer Science</i>	Fred W. Billmeyer Jr.	Wiley
2.	<i>Principles of Polymerization</i>	G. Odian	Wiley

### Work over & Well Stimulation

S. No.	Title of book	Author	Publisher
1.	<i>Well Completion &amp; Servicing</i>	Perrins D	Editions Technip

### Heterogeneous Catalysis & Reaction Design

S. No.	Title of book	Author	Publisher
1.	<i>Chemical Engineering Kinetics</i>	Smith, J. M.,	McGraw-Hill

### Health, Safety & Environment

S. No.	Title of book	Author	Publisher
1.	<i>Loss Prevention in the Process Industries</i>	Less, F. P.	Butterworth Heinemann
2.	<i>Environmental Engineering</i>	Peavy, H. S., Rowe, D. R. & Tchobanoglous, G.,	McGraw Hill
3.	<i>Chemical Process Safety</i>	Sanders, R. E.,	Butterworth Heinemann

### Well Test Analysis

S. No.	Title of book	Author
1.	<i>Well Test Analysis</i>	John Lee

## For 1<sup>st</sup> Year M. Tech. 1<sup>st</sup> Semester:

### Introduction to Petroleum Geology

S. No.	Title of book	Author
1.	<i>Introduction to Petroleum Geology</i>	R.C. Selley

2.	<i>Petroleum Geology</i>	F. K. North

### Introduction to Petroleum Geophysics

S. No.	Title of book	Author
1.	<i>Introduction to Geophysical Prospecting</i>	M. M. Dobrin and C. H. Savit
2.	<i>Applied Geophysics</i>	W. M. Tailford, L. P. Geldart and R. E. Sherrif

### Petroleum Reservoir Engineering

S. No.	Title of book	Author
1.	<i>Applied Petroleum Reservoir Engineering</i>	B. C. Craft, M. Hawkins, and Ronald E.
2.	<i>Fundamentals of Reservoir Engineering</i>	L. P. Dake

### Well Test Analysis

S. No.	Title of book	Author
1.	<i>Well Test Analysis</i>	John Lee

### Advanced Petroleum Formation Evaluation

S. No.	Title of book	Author
1.	<i>Formation Evaluation</i>	J. W. Lynch
2.	<i>Geological Interpretation of Well Logs</i>	Malcom Rider
3.	<i>Schlumberger Manuals</i>	

### Enhanced Oil Recovery Techniques

S. No.	Title of book	Author
1.	<i>Enhanced Oil Recovery</i>	Willhite & Green

Advanced Numerical Methods and  
Applied Statistics

S. No.	Title of book	Author
1.	<i>Introductory Methods of Numerical Analysis</i>	S. S. Sastry
2.	<i>Applied Numerical Analysis</i>	C.F. Gerald and Wheatley
3.	<i>Introduction to Probability &amp; Statistics</i>	J. Susan Milton & J C Arnold
4.	<i>Statistical Computing: Existing Method and Recent Developments</i>	Debasis Kundu and Ayanderanath Basu