

**IV.TEXT BOOKS**
**78**
**FIRST SEMESTER 2019-2020**

COM COD	COURSE NO	COURSE TITLE	TEXT BOOK(S)
2032	CHE G622	ADV CHEMICAL ENGG THERMO	(i) Stanley I. Sandler Chemical, Biochemical and Engineering Thermodynamics Wiley, 2006, 4th Edition
			(ii) J. M. Smith, H. C. Van Ness and M. M. Abbott Introduction to Chemical Engineering Thermodynamics MGHFSE, 7th Edition
1006	CHEM F110	CHEMISTRY LABORATORY	Lab Manual for Chemistry Laboratory
1007	CHEM F111	GENERAL CHEMISTRY	(i) Atkins P W & Paul Julio de The Elements of Physical Chemistry OUP, 5th ed., 2009
			(ii) Solomons T.W Graham & Fryhle Craig B Organic Chemistry Wiley, 10th ed., 2011
			(iii) J. D. Lee, Concise Inorganic Chemistry 5th Edition, Blackwell Science, Oxford, 1999
1116	CHEM F211	PHYSICAL CHEMISTRY I	Levine Ira N Physical Chemistry TMH, 5th edition, 2002
1117	CHEM F212	ORGANIC CHEMISTRY I	Morrison, Robert T. & others Organic Chemistry Pearson Edu, 7h Ed 2011
1118	CHEM F213	PHYSICAL CHEMISTRY II	McQuarrie, Donald A Quantum Chemistry University Science Books (First Indian Edition 2003, Viva Books Private Limited)
1119	CHEM F214	INORGANIC CHEMISTRY I	Huheey, James E & Others Inorganic Chemistry Pearson Edu., 4th ed, 2006
1654	CHEM F266	STUDY PROJECT	No text book required
1559	CHEM F311	ORGANIC CHEMISTRY III	(i) Michael B. Smith & Jerry March Advanced Organic Chemistry John Wiley & Sons, 6th ed., 2012