

IV.TEXT BOOKS
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SECOND SEMESTER 2019-2020

COM COD	COURSE NO	COURSE TITLE	TEXT BOOK(S)
		REACTION ENGINEERING	(ii) Fogler, H. Scott Elements of Chemical Reaction Engineering Pearson Edu, 4th ed,2006 (or higher edition if available!)
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
1569	CHEM F223	COLLOID & SURFACE CHEM	(i) Drew Myers Surfaces, Interfaces, and Colloids: Principles and Applications Wiley, Second Edition, 1999
			(ii) Pallab Ghosh Colloid and Interface Science 2009
			(iii) I. N. Levine Physical Chemistry 5th Edition, Tata McGraw-Hill, 2011
1554	CHEM F241	INORGANIC CHEMISTRY II	Huheey, J. E.; Keiter, E. A.; Keiter, R. L.; Medhi O. K Inorganic Chemistry – Principles of Structure and Reactivity 4th Edition, Pearson
1555	CHEM F242	CHEMICAL EXPER I	NO TEXT BOOK REQUIRED
1556	CHEM F243	ORGANIC CHEMISTRY II	(i) E. I. Eliel, S. H. Wilen, L.N. Mander John Wiley & Sons Stereochemistry of Organic Compounds 1st Ed., 2004. (T1)
			(ii) Michael B Smith & Jerry March Advanced Organic Chemistry John Wiley & Sons, 6th ed., 2012
1557	CHEM F244	PHYSICAL CHEMISTRY III	Levine, Ira N Quantum Chemistry PHI, 6th Edition, 2009