

IV.TEXT BOOKS
81
SECOND SEMESTER 2019-2020

COM COD	COURSE NO	COURSE TITLE	TEXT BOOK(S)
1213	CHE F418	MODEL & SIMU IN CHE ENGG	(i) Fogler, H. S. (1992) "Elements of chemical reaction engineering Prentice-Hall.
			(ii) Bird, Stewart and Lightfoot Transport Phenomena John Wiley & Sons, 2002, 2nd edition.
1203	CHE F419	CHEMICAL PROCESS TECH	M. Gopala Rao and Marshall Sittig Dryden's Outlines of Chemical Technology for the 21st Century East West Press, 3rd Ed., 2010.
2263	CHE F498	COLLOIDS AND INTERFACE ENGINEERING	(i) P. C. Hiemenz, and R. Rajagopalan Principle of colloid and surface chemistry, 3rd edition Merzel Dekher, N.Y. 1997.
			(ii) Drew Myers, Surfaces, Interfaces and Colloids, 3rd Edition Wiley, 2006.
			(iii) Pallab Ghosh Colloid and Interface Science 1st Edition PHI Learning, 2009.
2146	CHE G552	ADV TRANSPORT PHENOMENA	(i) Bird, Stewart and Lightfoot Transport Phenomena John Wiley & Sons, 2002, 2nd edition
			(ii) Joel Plawsky Transport Phenomena Fundamentals CRC Press, 2010, 2nd edition
			(iii) Fox and McDonald Fluid Mechanics
10	CHE G617	PETROLEUM REFINERY ENGINEERIN	(i) J. H. Gary, G. E. Handwerk, Petroleum Refining Technology and Economics 4th Ed
			(ii) B. K. Bhaskara Rao Modern Petroleum Refining Processes 5th Ed
729	CHE G641	REACTION ENGINEERING	(i) Levenspiel, Octave Chemical Reaction Engineering Wiley India Pvt. Ltd., New Delhi, 3rd Edition, 2000 (or higher edition if available!)