

**IV.TEXT BOOKS**
**81**
**FIRST SEMESTER 2019-2020**

COM COD	COURSE NO	COURSE TITLE	TEXT BOOK(S)
1314	CS F351	THEORY OF COMPUTATION	Lewis, H R & C H Papadimitriou Elements of the Theory of Computation PHI, 2nd ed., 1998
1670	CS F366	LABORATORY PROJECT	No text book required
1740	CS F367	LABORATORY PROJECT	No text book required
1315	CS F372	OPERATING SYSTEMS	Silberschatz, Galvin, and Gagne Operating System concepts 8e, John Wiley & Sons, 2009
1689	CS F376	DESIGN PROJECT	No text book required
1756	CS F377	DESIGN PROJECT	No text book required
1333	CS F407	ARTIFICIAL INTELLIGENCE	Russell Stuart J & Peter Norvig Artificial Intelligence : A Modern Approach PHI/Pearson Edu., 3 rd Ed, 2009
1323	CS F422	PARALLEL COMPUTING	Grama Ananth & Others Intro. To Parallel Computing Pearson Edu, 2nd ed , 2004
1857	CS F469	INFORMATION RETRIEVAL	C. D. Manning, P. Raghavan and H. Schutze Introduction to Information Retrieval Cambridge University Press, 2008
2004	CS G525	ADV COMPUTER NETWORKS	(i) Kurose James F and Keith W. Ross Computer Networking: A Top-Down Approach Featuring the Internet
			(ii) L. Peterson and B. Davie, Computer Networks: A Systems Approach
2005	CS G526	ADV ALGORITHMS & COMPLEXITY	(i) Motwani, Rajiv & P. Raghavan Randomized Algorithms CUP, 1995
			(ii) Papadimitnou, C.H. & Kenneth Steiglitz Combinatorial Optim.: Algo. & Complexity PHI, 1982
2108	CS G527	CLOUD COMPUTING	(i) Dinkar Sitaram and Geetha Manjunath Moving to the Cloud, Syngress Elsevier Pub, 2011
			(ii) Rajkumar Buyya, James Broburg & anderzej M.G Cloud Computing – Principles and Paradigms John Wiley Pub, 2011