

IV.TEXT BOOKS
3
FIRST SEMESTER 2019-2020

COM	COURSE NO	COURSE TITLE	TEXT BOOK(S)	MODE OF SUPPLY
549	BITS C790T	INDEPENDENT STUDY	No text book required	
596	BITS C791T	TEACHING PRACTICE I	No text book required	
520	BITS C797T	PHD SEMINAR PHD	No text book required	
553	BITS C799T	THESIS PRACTICE LECT	No text book required	
857	BITS E793T	SERIES I	No text book required	
1003	BITS F110	ENGINEERING GRAPHICS	Kulkarni D. M. and Others Engineering Graphics with AutoCAD PHI, Rev. ed., 2015	Buy Coop (Stock)
1004	BITS F111	THERMODYNAMICS	(i) Borgnakke, Claus & R.E. Sonntag Fundamentals of Thermodynamics WSE, 7th ed.,2009 (ii) Adopted from Book by VanWylen & Others Thermodynamics Tables, Figures & Charts Notes- EDD, 2007	Buy Coop (Stock)
1005	BITS F112	TECH REPORT WRITING	Sharma R.C. and Krishna Mohan Business Corres. & Report Writing TMH, 5th ed.,2016	Buy Coop (Stock)
1858	BITS F113	GENERAL MATHEMATICS I	No text book required	
1892	BITS F214	SCIENCE, TECH & MODERNITY	No text book required	
1861	BITS F218	GENERAL MATHEMATICS III	(i) E. Kreyszc Advanced Engineering Mathematics 10th Edition 2015, Wiley (ii) Taha HA Operation Research: An Introduction Pearson Education, 10/E, 2019	Buy Coop (Stock)
1862	BITS F219	PROCESS ENGINEERING	No text book required	
1632	BITS F225	ENVIRONMENTAL STUDIES	Bharucha Erach Environmental Studies for undergraduate courses Orient Black Swan 2013	Buy Coop

IV.TEXT BOOKS
4
FIRST SEMESTER 2019-2020

COM	COURSE NO	COURSE TITLE	TEXT BOOK(S)	MODE OF SUPPLY
2303	BITS F226	SOFT SKILLS FOR PROFESSIONALS	No text book required	
1334	BITS F312	NEURAL NET & FUZZY LOGIC	No text book required	
1335	BITS F343	FUZZY LOGIC & APPL	Ganesh, M Intro to Fuzzy Sets & Fuzzy Logic PHI , 2014	Buy Coop (Stock)
1791	BITS F382	READING COURSE	No text book required	
1592	BITS F412	PRACTICE SCHOOL II	No text book required	
1615	BITS F413	PRACTICE SCHOOL II	No text book required	
1248	BITS F415	INTRODUCTION TO MEMS	(i) Ananthasuresh, G.K & Others Micro & Smart Systems WSE, 2015	Buy Coop (Stock)
			(ii) Sharma, NN & Others Lab Manual for MEMS Notes EDD, 2011	
1770	BITS F418	INTRO TO BIOMEDICAL ENGG	No text book required	
1593	BITS F421T	THESIS	No text book required	
1616	BITS F422T	THESIS	No text book required	
1617	BITS F423T	THESIS	No text book required	
1619	BITS F424T	THESIS	No text book required	
2317	BITS F427	DIGITAL MARKETING	No text book required	
1806	BITS F431	FLEXIBLE MANUFAC SYST	Groover, Mikell P Automation, Prod. Syst and Comp. Inte. Manuf Pearson, 4th ed , 2016	Buy Coop (Stock)
2001	BITS F437	TECHNICAL COMMUNICATION	Raman, Meenakshi & Sangeeta Sharma Technical Comm.; Principles & Practice OUP, 3rd ed., 2015	Buy Coop (Stock)
1814	BITS F444	ARTIFICIAL INTELLIGENCE	Russell Stuart J & Peter Norvig Artificial Intelligence : A Modern Approach Pearson Edu., 3rd ed., 2015	Buy Coop (Stock)
1816	BITS F446	PATTERN RECOGNITION	Gonzalez, R.C & R.E Woods Digital Image Processing Pearson Edu., 3rd ed. , 2013	Buy Coop (Stock)

IV.TEXT BOOKS
5
FIRST SEMESTER 2019-2020

COM	COURSE NO	COURSE TITLE	TEXT BOOK(S)	MODE OF SUPPLY
1796	BITS F462	RENEWABLE ENERGY	Kothari, D.P. Renewable Energy Sources & Emerging Tech. PHI, 2nd ed., 2011	Buy Coop (Stock)
1338	BITS F463	CRYPTOGRAPHY	B. A. Forouzan, D. Mukhopadhyay Cryptography and Network Security McGraw-Hill, 3rd ed 2015	Buy Coop (Stock)
1339	BITS F464	MACHINE LEARNING	Mitchell, Tom M Machine Learning TMH, 1st ed 2013	Buy Coop (Stock)
1379	BITS F467	BIOETHICS & BIOSAFETY	Ignacimuthu, S Bioethics Narosa, 2009	Buy Coop (Stock)
1797	BITS F468	NEW VENTURE CREATION	No text book required	
1852	BITS F490	PROJECT MANAGEMENT	Gray, Clifford F & Others Project Management TMH, 6th ed., 2014	Buy Coop (Stock)
1802	BITS F493	BUSS ANAL & VALUATION	No text book required	
1804	BITS F494	ENV IMPACT ASSESSMENT	No text book required	
547	BITS G513	STUDY IN ADVANCED TOPICS	No text book required	
754	BITS G529	RESEARCH PROJECT I	No text book required	
755	BITS G539	RESEARCH PROJECT II	No text book required	
2003	BITS G540	RESEARCH PRACTICE	No text book required	
9	BITS G553	REAL TIME SYSTEMS	Liu, Jane WS Real Time Systems Pearson Edu, 2000	Buy Coop (Stock)
2164	BITS G562T	DISSERTATION	No text book required	
757	BITS G649	READING COURSE	No text book required	
2167	BITS G661	RESEARCH METHODOLOGY I	Kumar, Ranjit Research Methodology Sage, 4th ed., 2012	Buy Coop (Stock)
1073	CE F211	MECHANICS OF SOLIDS	Crandall S.H. and Others An Intr to the Mech of Solids(in SI units) TMH , 3rd ed. , 2012	Buy Coop (Stock)

IV.TEXT BOOKS
6
FIRST SEMESTER 2019-2020

COM	COURSE NO	COURSE TITLE	TEXT BOOK(S)	MODE OF SUPPLY
1075	CE F213	SURVEYING	(i) Duggal S K Surveying Vol. I and II TMH 4th ed 2013	Buy Coop (Stock)
			(ii) Moondra H.S. and Rajiv Gupta Lab Manual for Civil Engg CBS , 2nd ed. , 2000	Buy Coop (Stock)
2279	CE F230	CIVIL ENGINEERING MATERIALS	No text book required	
2280	CE F231	FLUID MECHANICS	No text book required	
1652	CE F266	STUDY PROJECT	No text book required	
1195	CE F311	DES OF CONCRETE STRUCT	Bandyopadhyay, J N Design of Concrete Structures PHI, 1st ed, 2014	Buy Coop (Stock)
1196	CE F312	HYDRAULIC ENGINEERING	(i) Modi, P N & S M Seth Hydraulic & Fluid Mech: Inclu Hydraul Mach Standard, 19th ed 2013	Buy Coop (Stock)
			(ii) Fox, Robert W and Others Fluid Mechanics(SI version) WSE, 8th ed 2012	Buy Coop (Stock)
			(iii) Moondra, HS & Rajiv Gupta Lab Manual for Civil Engineering CBS 2nd ed 2000	Buy Coop (Stock)
1197	CE F313	FOUNDATION ENGINEERING	Murthy, VNS Geotechnical Engineering CRC Press 2002	Buy Coop (Stock)
2281	CE F320	DESIGN OF REINFORCED CONCRETE STRUCTURE	No text book required	
1215	CE F323	INTRO TO ENVIRN ENGG	Masters, Gilbert M & W.P. Ela Intro to Environmental Engg & Science Pearson, 3rd ed., 2015	Buy Coop (Stock)
2304	CE F325	FUNDAMENTALS OF ROCK MECHANICS	No text book required	
1667	CE F366	LABORATORY PROJECT	No text book required	
1737	CE F367	LABORATORY PROJECT	No text book required	
1686	CE F376	DESIGN PROJECT	No text book required	

IV.TEXT BOOKS
7
FIRST SEMESTER 2019-2020

COM	COURSE NO	COURSE TITLE	TEXT BOOK(S)	MODE OF SUPPLY
1753	CE F377	DESIGN PROJECT	No text book required	
1231	CE F417	APP OF AI IN CIVIL ENGG	No text book required	
1227	CE F431	PRIN OF GEO INFO SYS	(i) Gupta Rajiv & MK Rohil Computing Aspects of Geographic Inf Sys Notes EDD 2006	
			(ii) Chandra, AM & SK Ghosh Remote Sensing & GIS Narosa, 2nd ed 2016	Buy Coop (Stock)
1220	CE F434	ENV IMPACT ASSESSMENT	No text book required	
1234	CE F435	INTRODUCTION TO FEM	Logan, Daryl L First Course in Finite Element Method Cengage-L, 5th ed., 2012	Buy Coop (Stock)
1711	CE F491	SPECIAL PROJECT	No text book required	
433	CE G515	FUNDAMENTALS OF SYS ENGG	Blanchard, B & W.J. Fabrycky Systems Engg and Analysis Pearson 5th ed 2013	Buy Coop (Req)
325	CE G523	TRAN SYST PLAN & MANAGE	(i) Khisty, C. Jotin & B. Kent Lall Transportation Engg : An Introduction Pearson , 3rd ed , 2015	Buy Coop (Stock)
			(ii) Hutchinson, B.G. Principles of Urban Transport Syst Planning MGH, 1974	Buy Coop (Req)
950	CE G525	WATER RESOUR PLAN & MANA	(i) Vedula S & P P Mujumdar Water Resources Systems TMH, 2005	Buy Coop (Req)
			(ii) Loucks, Daniel P & Others Water Resources System Planning Management UNESCO 2005	Buy Coop (Req)
278	CE G527	CONSTRUCTION MANGEMENT	No text book required	
304	CE G534	PAVEMENT MATERIAL CHARAC	(i) Atkins, Harold N Highway Materials, Soil and Concrete Prentice Hall, 4th ed, 2003	Buy Coop (Req)

IV.TEXT BOOKS
8
FIRST SEMESTER 2019-2020

COM	COURSE NO	COURSE TITLE	TEXT BOOK(S)	MODE OF SUPPLY
		PAVEMENT MATERIAL CHARAC	(ii) Yoder, Eldon J & M.W. Witczak Principles of Pavement Design Wiley India, 2nd ed, 2011	Buy Coop (Req)
308	CE G535	HIGHWAY GEOMETRIC DESIGN	Schoon, John G Geometric Design Proj for Highways: An Intro American Soc of Civil Engg Press, 2nd ed., 2000	Buy Coop (Req)
310	CE G536	TRAFFIC ENGG & SAFETY	Kadiyali, L R Traffic Engg. & Transport Planning Khanna, 8th ed., 2013	Buy Coop (Stock)
312	CE G537	TRANSPORT ECON & FINANCE	Frankena, Mark W Urban Transportation Economics Butterworths, 1979	Buy Coop (Req)
931	CE G545	AIRPORT PLANNING & DES	Horonjeff, Robert M & Others Planning & Design of Airports Mc Graw Hill, 5th ed., 2010	Buy Coop (Req)
2024	CE G547	PAV FAIL EVAL & REHABIL	No text book required	
880	CE G551	DYNAMICS OF STRUCTURES	Chopra, Anil K. Dynamics of Structures Pearson Edu., 3rd ed, 2007	Buy Coop (Stock)
526	CE G552	ADV STR MECH & STABILITY	(i) Timoshenko, S.P. and J. N. Goodier Theory of Elasticity TMH, 3rd ed., 2010	Buy Coop (Stock)
			(ii) Timoshenko, S.P. and J.M. Gere Theory of Elastic Stability TMH, 2nd ed., 2010	Buy Coop (Stock)
2199	CE G562	ADVANCED CONCRETE TECHNOLOGY	No text book required	
688	CE G613	ADV CONCRETE STRUCTURES	Varghese P C Adv. Reinforced Concrete Design PHI, 2nd ed 2005	Buy Coop (Stock)
613	CE G614	PRESTRESS CONCRETE STRUC	Krishna Raju, N Prestressed Concrete TMH, 5th ed., 2012	Buy Coop (Stock)
346	CE G616	BRIDGE ENGINEERING	Krishna Raju N Design of Bridges Oxf & IBH 5th ed 2017	Buy Coop (Stock)

IV.TEXT BOOKS**9****FIRST SEMESTER 2019-2020**

COM	COURSE NO	COURSE TITLE	TEXT BOOK(S)	MODE OF SUPPLY
343	CE G617	ADVANCE STRUC ANALYSIS	Weaver,William & J.M.Gere Matrix Analysis of Framed Structures CBS,2nd ed.,1986	Buy Coop (Stock)
326	CE G619	FINITE ELEMENT ANALYSIS	Cook Robert D & Others, Concepts and Applications of Finite Element Analysis WSE,4th ed.,2007	Buy Coop (Stock)
2119	CE G632	DES OF FOUN FOR DYN LOAD	(i) Braja M. Das & Ramana G.V. Principles of Soil Dynamics, 2nd Edition Cengage Learning, 2014	Buy Coop (Stock)
			(ii) Saran, Swami Soil Dynamics and Machine Foundations Galgotia, 2nd ed., 2006	Buy Coop (Stock)
730	CE G641	THEORY OF ELAST & PLAST	No text book required	