



TEACHING SCHEME / DETAIL SYALLBUS

BE ▼

32 - INFORMATION & COMMUNICATION TECHNC ▼

Sem ▼

2018-19 ▼

Subject Code

Enter Subject Name

Search

*L=lectures,T=tutorial,P=Practical,E=TheoryExternal,M=TheoryInternal,I=Practical Internal,V=Practical External,On Job Training(OJT) is equivalent to Practical

Exp.	Subcode	Branch code	Eff. from	SubjectName	Category	Sem /Year	Hours			Total	Credit			Max Marks		
							L.	T.	P.		E	M	I	V	Total	
	3110001	32	Oct - 21	Chemistry	Basic Science (Elective)	1	3	0	2	4	70	30	20	30	150	
	3110002	32	2018-19	English	Humanities and Social Science	1	2	0	2	3	70	30	20	30	150	
	3110003	32	2018-19	Programming for Problem Solving	Engineering Science	1	3	0	2	4	70	30	20	30	150	
	3110005	32	2018-19	Basic Electrical Engineering	Engineering Science	1	3	0	2	4	70	30	20	30	150	
	3110006	32	2018-19	Basic Mechanical Engineering	Engineering Science	1	3	0	2	4	70	30	20	30	150	
	3110007	32	2018-19	Environmental Sciences	Mandatory	1	2	2	0	0	70	30	0	0	100	
	3110012	32	2018-19	Workshop/ Manufacturing Practices	Engineering Science	1	0	0	4	2	0	0	20	80	100	
	3110013	32	2018-19	Engineering Graphics & Design	Engineering Science	1	2	0	4	4	70	30	20	30	150	
	3110014	32	2018-19	Mathematics - 1	Basic Science	1	3	2	0	5	70	30	0	0	100	
	3110015	32	2018-19	Mathematics - 2	Basic Science	1	3	2	0	5	70	30	0	0	100	
	3110016	32	2018-19	Basic Electronics	Engineering Science	1	3	0	2	4	70	30	20	30	150	
	3110017	32	2018-19	Induction Program	Mandatory	1	0	0	0	0	0	0	0	0	0	
	3110018	32	2018-19	Physics	Basic Science (Elective)	1	3	0	2	4	70	30	20	30	150	
	3130004	32	2018-19	Effective Technical Communication	Humanities and Social Science	3	2	0	2	3	70	30	20	30	150	
	3130006	32	2018-19	Probability and Statistics	Basic Science	3	3	2	0	5	70	30	0	0	100	
	3130007	32	2018-19	Indian Constitution	Mandatory	3	2	0	0	0	50	0	0	0	50	
	3130008	32	2018-19	Design Engineering - I A	Project Work	3	0	0	2	1	0	0	20	80	100	
	3130702	32	2018-19	Data Structures	Professional Core	3	3	0	4	5	70	30	20	30	150	
	3130703	32	2018-19	Database Management Systems	Professional Core	3	4	0	2	5	70	30	20	30	150	
	3130704	32	2018-19	Digital Fundamentals	Engineering Science	3	3	0	2	4	70	30	20	30	150	
	3140005	32	2018-19	Design Engineering 1 B	Project Work	4	0	0	2	1	0	0	20	80	100	
	3140702	32	2018-19	Operating System	Professional Core	4	4	0	2	5	70	30	20	30	150	
	3140707	32	2018-19	Computer Organization & Architecture	Professional Core	4	3	0	2	4	70	30	20	30	150	
	3140708	32	2018-19	Discrete Mathematics	Basic Science	4	3	2	0	5	70	30	0	0	100	
	3140709	32	2018-19	Principles of Economics and Management	Humanities and Social Science	4	3	0	0	3	70	30	0	0	100	

	3143201	32	2018-19	Data Communication & Computer Networks	Professional Core	4	4	0	2	5	70	30	20	30	150
	3150001	32	June 2020	Design Engineering - II A	Project Work	5	0	0	2	1	0	0	20	80	100
	3150004	32	June 2020	Contributor Personality Development Program	Personality development Elective	5	2	0	0	2	70	30	20	30	150
	3150005	32	June 2020	Integrated Personality Development Course	Personality development Elective	5	2	0	0	2	70	30	20	30	150
	3150703	32	June 2020	Analysis and Design of Algorithms	Professional Core	5	4	0	2	5	70	30	20	30	150
	3150713	32	June 2020	Python for Data Science	Open Elective - I	5	2	0	2	3	70	30	20	30	150
	3150714	32	June 2020	Cyber Security	Open Elective - I	5	2	0	2	3	70	30	20	30	150
	3151605	32	June 2020	Formal Language and Automata Theory	Professional Elective - I	5	3	0	2	4	70	30	20	30	150
	3151910	32	June 2020	Operation Research	Humanities and Social Science	5	3	0	0	3	70	30	0	0	100
	3153203	32	June 2020	Object Oriented Programming with Java	Professional Core	5	4	0	2	5	70	30	20	30	150
	3153204	32	June 2020	Advanced Network Protocols	Professional Elective - I	5	3	0	2	4	70	30	20	30	150
	3153205	32	June 2020	Signal and Systems	Professional Elective - I	5	3	0	2	4	70	30	20	30	150
	3160001	32	Dec-2020	Design Engineering II B	Project Work	6	0	0	2	1	0	0	20	80	100
	3160002	32	Dec-2020	Contributor Personality Development Program	Personality development Elective	6	2	0	0	2	70	30	20	30	150
	3160003	32	Dec-2020	Integrated Personality Development Course	Personality development Elective	6	2	0	0	2	70	30	20	30	150
	3161608	32	Dec-2020	Artificial Intelligence	Professional Elective - III	6	3	0	2	4	70	30	20	30	150
	3163203	32	Dec-2020	Engineering Electromagnetics and Wave Propagation	Professional Elective - II	6	3	0	2	4	70	30	20	30	150
	3163206	32	Dec-2020	Analog and Digital Communication	Professional Core	6	3	0	2	4	70	30	20	30	150
	3163207	32	Dec-2020	Microprocessor and Microcontroller	Professional Core	6	4	0	2	5	70	30	20	30	150
	3163208	32	Dec-2020	Optical Communication	Professional Elective - II	6	3	0	2	4	70	30	20	30	150
	3163209	32	Dec-2020	Data Mining and Business Intelligence	Professional Elective - II	6	3	0	2	4	70	30	20	30	150
	3163210	32	Dec-2020	Distributed Computing	Professional Elective - III	6	3	0	2	4	70	30	20	30	150
	3163211	32	Dec-2020	Digital Signal Processing	Professional Elective - III	6	3	0	2	4	70	30	20	30	150
	3163212	32	Dec-2020	IT Infrastructure and Utilities	Open elective - II	6	3	0	0	3	70	30	0	0	100
	3163213	32	Dec-2020	Cyber Crime and Mitigation	Open elective - II	6	3	0	0	3	70	30	0	0	100
	3170001	32	June 2021	Summer Internship	Project	7	0	0	0	2	0	0	20	80	100
	3170701	32	June 2021	Compiler Design	Professional Elective - VI	7	3	0	2	4	70	30	20	30	150
	3170710	32	June 2021	Mobile Computing and Wireless Communication	Professional Elective - IV	7	3	0	0	3	70	30	0	0	100
	3170717	32	June 2021	Cloud Computing	Professional Elective - IV	7	3	0	0	3	70	30	0	0	100
	3170722	32	June 2021	Big Data Analytics	Professional Elective - V	7	3	0	2	4	70	30	20	30	150
	3170724	32	June 2021	Machine Learning	Professional Elective - VI	7	3	0	2	4	70	30	20	30	150
	3171614	32	June 2021	Computer Vision	Professional Elective - V	7	3	0	2	4	70	30	20	30	150
	3173207	32	June 2021	Satellite Communication and Networking	Professional Elective - VI	7	3	0	2	4	70	30	20	30	150
	3173211	32	June 2021	System and Network Security	Professional Elective - IV	7	3	0	0	3	70	30	0	0	100
	3173212	32	June 2021	Telecommunication Engineering	Professional Core	7	3	0	2	4	70	30	20	30	150
	3173213	32	June 2021	Software Engineering	Professional Core	7	3	0	2	4	70	30	20	30	150
	3173214	32	June 2021	Virtual Reality	Open Elective - III	7	2	0	2	3	70	30	20	30	150

	3173215	32	June 2021	IOT and its applications	Open Elective - III	7	2	0	2	3	70	30	20	30	150
	3173216	32	June 2021	Wireless Sensor Networks	Professional Elective - V	7	3	0	2	4	70	30	20	30	150
	3183201	32	Dec 2021	Internship/Project	Project Work	8	0	0	24	12	0	0	100	100	200