



Sr. No.	Course Code	Course Type	Name of the Subject	Teaching Scheme (Hrs./week)						Examination Scheme and Marks						Credit			
				TH	PR	TUT	Contact Hours	Self Learning Hours	Total	CCE	ESE	TW	PR	OR	TOTAL	TH	PR	TUT	TOTAL
Semester-III																			
1	R25-EC-PCC-201	Program Core course - 1	Analog and Digital Electronic Circuits	3	-	-	45	45	90	40	60	-	-	-	100	3	-	-	3
2	R25-EC-PCC-202	Program Core course - 2	Data Structures and Algorithms	3	-	-	45	45	90	40	60	-	-	-	100	3	-	-	3
3	R25-EC-PCC-203	Program Core course - 3	Computer Organization & Operating Systems	3	-	-	45	45	90	40	60	-	-	-	100	3	-	-	3
4	R25-EC-MDM-204	Multidisciplinary Course-1	MDM 1- Fundamentals of IoT	3	-	-	45	45	90	40	60	-	-	-	100	3	-	-	3
5	R25-EC-OEC-205	Open Elective-I	Open Elective- I	2	-	-	30	30	60	40	60	-	-	-	100	2	-	-	2
6	R25-EC-EEM-206	Entrepreneurship/Economics/ Management course	Financial Planning, Taxation and Investment	1	2	-	45	15	60	25	-	25	-	-	50	1	1	-	2
7	R25-EC-VEC-207	Value Education Course	Universal Human Values & Ethics	2	-	-	30	30	60	50	-	-	-	-	50	2	-	-	2
8	R25-EC-PCC-208	Program Core Course-Lab	Analog and Digital Electronic Circuits Lab	-	2	-	30	-	30	-	-	25	25	-	50	-	1	-	1
9	R25-EC-PCC-209	Program Core Course Lab	Data Structures and Algorithms Lab	-	2	-	30	-	30	-	-	25	25	-	50	-	1	-	1
10	R25-EC-CEP-210	Community Engagement Project / Field Project	Community/ Field Project	-	4	-	60	-	60	-	-	50	-	-	50	-	2	-	2
			Total	17	10	0	345	255	660	275	300	125	50	0	750	17	5	0	22

Note: Open Elective basket and MDM Courses offered at college level, are enlisted after Sem-VIII.

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Semester-IV

Sr. No.	Course Code	Course Type	Name of the Subject	Teaching Scheme (Hrs./week)						Examination Scheme and Marks						Credit			
				TH	PR	TUT	Contact Hours	Self Learning Hours	Total	CCE	ESE	TW	PR	OR	TOTAL	TH	PR	TUT	TOTAL
1	R25-EC-PCC-211	Program Core course - 4	Analog and Digital Communication	3	-	-	45	45	90	40	60	-	-	-	100	3	-	-	3
2	R25-EC-PCC-212	Program Core course - 5	Signals & Systems	2	-	-	30	30	60	40	60	-	-	-	100	2	-	-	2
3	R25-EC-PCC-213	Program Core course - 6	Object Oriented Programming	3	-	-	45	45	90	40	60	-	-	-	100	3	-	-	3
4	R25-EC-OEC-214	Open Elective-II	Open Elective-II	2	-	-	30	30	60	40	60	-	-	-	100	2	-	-	2
5	R25-EC-MDM-215	Multidisciplinary Course-2	MDM2- Applied Mathematics	2	-	-	30	30	60	40	60	-	-	-	100	2	-	-	2
6	R25-EC-VSEC-216	Vocational Skill Course	Data Analytics with Python and R	1	2	-	45	15	60	-	-	25	25	-	50	1	1	-	2
7	R25-EC-AEC-217	Ability Enhancement Course	Modern Indian Language and Technical Writing	1	2	-	45	15	60	-	-	50	-	-	50	1	1	-	2
8	R25-EC-EEM-218	Entrepreneurship/Economics/ Management course	Entrepreneurship Development	2	-	-	30	30	60	50	-	-	-	-	50	-	2	-	2
9	R25-EC-PCC-219	Program Core Course-Lab	Analog and Digital Communication Lab	-	2	-	30	-	30	-	-	-	-	25	25	-	1	-	1
10	R25-EC-PCC-220	Program Core Course Lab	Object Oriented Programming Lab	-	2	-	30	-	30	-	-	-	25	-	25	-	1	-	1
11	R25-EC-VEC-221	Value Education Course	Electronic waste management	2	-	-	30	30	60	-	-	50	-	-	50	2	-	-	2
Total				18	8	0	390	270	660	250	300	125	50	25	750	16	6	0	22

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Exit option: Award of UG Diploma in Major with 88 credits and an additional 8 credits from following Exit Courses									
Course Code	Course Title	L	T	P	Credits	Contact Hrs	TW	OR	Total Marks
R25-CO-EXC-101A	Web Development and Deployment	—	—	—	4	—	100		100
R25-CO-EXC-101B	Project	—	—	16	4	16	50	50	100
Total									200

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