SEMESTER V

Sr No	Course Category	Course Code	Course Title	Hours per Week			Credits	Maximum Marks		
				L	T	P		Continual Assessment	End Sem Examination	Total
1	PCC	**22ET501T**	Microprocessor and Microcontroller	3	-	-	3	30	70	100
2	PCC	**22ET501P**	Microprocessor and Microcontroller Lab	-	-	2	1	25	25	50
3	PCC	**22ET502T**	Object Oriented Programming and Data Structures	2	-	-	2	15	35	50
4	PCC	**22ET502P**	Object Oriented Programming and Data Structures Lab		-	2	1	25	25	50
5	PCC	**22ET503T**	Analog and Digital Communication	3	-		3	30	70	100
6	PCC	**22ET503P**	Analog and Digital Communication Lab	-	-	2	1	25	25	50
7	VEC	**22H104T**	Foundational Humanities Elective	2	-	-	0	**Audit**		
8	PEC	**22ET504T**	Professional Elective - I	2	-	-	2	15	35	50
9	OE	**22ET561O**	Open Elective I	3	-	-	3	30	70	100
10	VEC	**22AS501T**	Economics and Management	3	-	-	3	30	70	100
11	AEC	**22AS502T**	English for Engineers	2	-	-	2	15	35	50
12	VSC	**22ET505P**	Technical Skill Development**	-	-	2	1	50	--	50
13	SEC	**22ET506T**	Career Development-III	2	-	-		**Audit**		
			Total	**22**		**8**	**22**	**290**	**460**	**750**

Technical Skill Development – Desirable to have Industry skill enhancement

Professional Elective – I		Open Elective – I		Foundational Humanities Elective	
22ET504T(i)	PE-I Antenna and Wave Propagation	**22ET561O**	OE-I Industrial Applications of Microcontrollers	**22H104**	Development of Societies
22EE504T(ii)	PE-I Computer Communication Networks			**22H104**	Philosophy

SEMESTER VI

Sr No	Course Category	Course Code	Course Title	Hours per Week			Credits	Maximum Marks		
				L	T	P		Continual Assessment	End Sem Examination	Total
1	PCC	**22ET601T**	Digital Signal Processing	3	-	-	3	30	70	100
2	PCC	**22ET601P**	Digital Signal Processing Lab	-	-	2	1	25	25	50
3	PCC	**22ET602T**	Digital Systems Design	3	-	-	3	30	70	100
4	PCC	**22ET602P**	Digital Systems Design Lab	-	-	2	1	25	25	50
5	PEC	**22ET603T**	Professional Elective - II	3	-	-	3	30	70	100
6	PEC	**22ET604T**	Professional Elective - III	3	-	-	3	30	70	100
7	OE	**22ET661O**	Open Elective-II	3	-	-	3	30	70	100
8	ELC	**22ET606P**	Project – I	-	-	4	2	50	50	100
9	SEC	**22ET607P**	Career Development*	-	-	2	0	50	--	50
10	SEC	**22ET608P**	Comprehensive Course – I **	-	-	2	1	50	--	50
			Total	**15**		**12**	**20**	**350**	**450**	**800**

Professional Elective – II		Professional Elective – III		Open Elective-II	
22ET603T(i)	PE-II Wireless Communication	**22ET604T(i)**	PE- III Biomedical Instrumentation Engineering	**22ET661O**	OE-II Consumer Electronics
22ET603T(ii)	PE-II Wireless Sensor Networks	**22ET604T(iii)**	PE- III Internet of things		
22ET603T(iii)	PE-II Optical Communication	**22ET603T(iii)**	PE- III Introduction to information theory and coding		