



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	Total	CCE	ESE	TW	PR	OR	TOTAL	TH	PR	TUT	TOTAL
Semester-III																			
1	R25-IT-PCC-201	Program Core course - 1	Data Structures	3	-	-	45	45	90	40	60	-	-	-	100	3	-	-	3
2	R25-IT-PCC-202	Program Core course - 2	Fundamental of Computer Networks	3	-	-	45	45	90	40	60	-	-	-	100	3	-	-	3
3	R25-IT-PCC-203	Program Core course - 3	Computer Graphics	3	-	-	45	45	90	40	60	-	-	-	100	3	-	-	3
4	R25-IT-MDM-204	Multidisciplinary Minor-1	Digital Electronics and Logic Design	3	-	-	45	45	90	40	60	-	-	-	100	3	-	-	3
5	R25-IT-OEC-205	Open Elective - 1	To be chosen from OE-1 basket finalized at college level	2	-	-	30	30	60	40	60	-	-	-	100	2	-	-	2
6	R25-IT-EEM-206	Entrepreneurship/Economics/ Management course	E-commerce: Technologies and Applications	1	2	-	15	15	60	25	-	25	-	-	50	1	1	-	2
7	R25-IT-VEC-207	Value Education Course	Universal Human Values and Ethics	2	-	-	30	30	60	50	-	-	-	-	50	2	-	-	2
8	R25-IT-PCC-208	Program Core Course-Lab	Data Structures Laboratory	-	2	-		-	30	-	-	25	25	-	50	-	1	-	1
9	R25-IT-PCC-209	Program Core Course Lab / Multidisciplinary Minor-Lab	Computer Graphics Laboratory	-	2	-		-	30	-	-	25	25	-	50	-	1	-	1
10	R25-IT-CEP-210	Community Engagement Project / Field Project	Community Engagement Project	-	4	-		-	60	-	-	50	-	-	50	-	2	-	2
				17	10	0	255	255	660	275	300	125	50	0	750	17	5	0	22


Chairman
 BoS, Information Technology
 Amrutvahini College of Engineering, Amrutnagar
 Sangamner-422608


Chairman
 Academic Council
 Amrutvahini College of Engineering, Amrutnagar
 Sangamner-422608



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

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	Total	CCE	ESE	TW	PR	OR	TOTAL	TH	PR	TUT	TOTAL
1	R25-IT-PCC-211	Program Core course - 4	Database Management System	3	-	-	45	45	90	40	60	-	-	-	100	3	-	-	3
2	R25-IT-PCC-212	Program Core course - 5	Applied Mathematics	2	-	-	30	30	60	40	60	-	-	-	100	2	-	-	2
3	R25-IT-PCC-213	Program Core course - 6	Object Oriented Programming	3	-	-	45	45	90	40	60	-	-	-	100	3	-	-	3
4	R25-IT-MDM-214	Multidisciplinary Minor - 2	Processor Architecture	2	-	-	30	30	60	40	60	-	-	-	100	2	-	-	2
5	R25-IT-OEC-215	Open Elective - 2	To be chosen from OE-2 basket finalized at college level	2	-	-	30	30	60	40	60	-	-	-	100	2	-	-	2
6	R25-IT-VSC-216	Vocational Skill Course	Web Technologies	1	2	-	15	15	60	-	-	25	25	-	50	1	1	-	2
7	R25-IT-AEC-217	Ability Enhancement Course	Modern Indian Language and Technical Writing	1	2	-	15	15	60	-	-	50	-	-	50	1	1	-	2
8	R25-IT-EEM-218	Entrepreneurship/Economics/ Management course	Startup and Entrepreneurship	2	-	-	30	30	60	50	-	-	-	-	50	2	-	-	2
9	R25-IT-PCC-219	Program Core Course- Lab	Database Management System Laboratory	-	2	-	30	-	30	-	-	-	25	-	25	-	1	-	1
10	R25-IT-PCC-220	Program Core Course Lab	Object Oriented Programming Laboratory	-	2	-	30	-	30	-	-	-	25	-	25	-	1	-	1
11	R25-IT-VEC-221	Value Education Course	IPR and Patent Drafting	2	-	-	30	30	60	50	-	-	-	-	50	2	-	-	2
				18	8	0		270	660	300	300	75	75	0	750	18	4	0	22


Chairman
 BoS, Information Technology
 Amrutvahini College of Engineering, Amrutnagar
 Sangamner-422608


Chairman
 Academic Council
 Amrutvahini College of Engineering, Amrutnagar
 Sangamner-422608



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-IT-EXC-101A	Web Engineering and Cloud Deployment	–	–	–	4	–	100		100
R25-IT-EXC-101B	Project	–	–	16	4	16	50	50	100
Total									200