

Faculty of Engineering & Technology

Program Name: Master of Technology – Computer Engineering

Program Code: ET203

Semester / Year : Semester - I / First Year

Effective From Academic Year: 2016-17

Subject Code	Subject Name	Credit	Hours per week				Theory (Marks)		Practical (Marks)		Total (Marks)
			L	T	P	Total	University Assessment	Continuous Assessment	University Assessment	Continuous Assessment	
1ET2000101	Research Methodology And Technical Communication	2	1	1	-	2	-	30	-	20	50
1ET2030101	Design and Analysis of Computer Algorithms	4	2	-	2	4	60	40	30	20	150
1ET2030102	Information Security	4	2	-	2	4	60	40	30	20	150
1ET2030103	Distributed Computing	4	2	-	2	4	60	40	30	20	150
	Elective-I										
1ET2030104	Digital Image Processing	4	2	-	2	4	60	40	30	20	150
1ET2030105	Advanced Software Engineering	4	2	-	2	4	60	40	30	20	150
1ET2030106	Real Time Operating System	4	2	-	2	4	60	40	30	20	150
1ET2030107	Ethical Hacking	4	2	-	2	4	60	40	30	20	150
1ET2030108	Embedded System	4	2	-	2	4	60	40	30	20	150

Semester / Year : Semester - II / First Year

Effective From Academic Year: 2016-17

Subject Code	Subject Name	Credit	Hours per week				Theory (Marks)		Practical (Marks)		Total (Marks)
			L	T	P	Total	University Assessment	Continuous Assessment	University Assessment	Continuous Assessment	
1ET2030201	Data Mining & Data Warehousing	4	2	-	2	4	60	40	30	20	150
1ET2030202	Cloud Computing	4	2	-	2	4	60	40	30	20	150
1ET2030203	Service Oriented Architecture	4	2	-	2	4	60	40	30	20	150
1ET2030204	Wireless Network and Mobile Computing	4	2	-	2	4	60	40	30	20	150
	Elective-II										
1ET2030205	Computational intelligence	4	2	-	2	4	60	40	30	20	150
1ET2030206	Advance Internet Technology	4	2	-	2	4	60	40	30	20	150
1ET2030207	Big Data Analysis	4	2	-	2	4	60	40	30	20	150
1ET2030208	Distributed Database Application System	4	2	-	2	4	60	40	30	20	150
1ET2030209	Semantic Web	4	2	-	2	4	60	40	30	20	150
1ET2030210	IoT	4	2	-	2	4	60	40	30	20	150

Note (if any): 10 Hours / Week should be utilised for exploration of current research and trends