

**Teaching Scheme of M.Tech (Computer Engineering)**  
**(Part Time)**

**Semester I**

Sr.No.	Course No.	Title	L	T	P	CW*	Exam	Total
1.	9MCS1	Advanced Data Structures	3	1		50	100	150
		<b>Elective</b>						
2.	9MCS2.1	Modern Compiler Design	3	1		50	100	150
3.	9MCS2.2	Critical System Design	3	1		50	100	150
4.	9MCS2.3	Mathematical Foundation of Computing	3	1		50	100	150
		<b>Sessionals</b>						
5.	9MCS3	Software System Lab			3	60	40	100
		<b>Total</b>	2	4	3	160	240	400

**Semester II**

Sr.No.	Course No.	Title	L	T	P	CW*	Exam	Total
1.	10MCS1	Advanced Database Management Systems	3	1		50	100	150
		<b>Elective</b>						
3.	10MCS3.1	Advanced Computer Graphics.	3	1		50	100	150
4.	10MCS3.2	High-Performance Scientific Computing.	3	1		50	100	150
5.	10MCS3.3	Bio-Informatic Computing.	3	1		50	100	150
		<b>Total</b>	9	3		150	300	450

**Semester III**

Sr.No.	Course No.	Title	L	T	P	CW*	Exam	Total
1.	11MCS1	Software System Design	3	1		50	100	150
		<b>Elective</b>						
2.	11MCS2.1	High Level System Design And Modeling	3	1		50	100	150
3.	11MCS2.2	Information System Security	3	1		50	100	150
4.	11MCS2.3	Grid Computing	3	1		50	100	150
		<b>Sessionals</b>						
9.	11MCS3	Advanced Database Lab			3	60	40	100
		<b>Total</b>	2	4	3	160	240	400

**Semester IV**

Sr.No.	Course No.	Title	L	T	P	CW*	Exam	Total
1.	12MCS1	Design of Embedded Systems	3	1		50	100	150
2.	12MCS2	Advanced Real-Time System Design.	3	1		50	100	150
		<b>Elective-I</b>						
3.	12MCS3.1	Reconfigurable Computing	3	1		50	100	150
4.	12MCS3.2	Artificial Intelligence & Fuzzy Systems	3	1		50	100	150
5.	12MCS3.3	Network System Design	3	1		50	100	150
		<b>Elective-II</b>						
6.	12MCS4.1	Distributed Algorithms.	3	1		50	100	150
7.	12MCS4.2	Fault Tolerant System.	3	1		50	100	150
8.	12MCS4.3	Advanced Real-Time System Design.	3	1		50	100	150
		<b>Total</b>	9	3		150	300	450

**Semester V**

Sr.No.	Course No.	Title	L	T	P	CW*	Exam	Total
1.	13MCS1	Dissertation Part-I			9	100	100	200
		<b>Total</b>			9	100	100	200

**Semester VI**

Sr.No.	Course No.	Title	L	T	P	CW*	Exam	Total
1.	14MCS1	Dissertation Part-II			9		500	500
		<b>Total</b>			9		500	500