

**of M.Tech (Computer Engineering) (Part Time)**  
**SEMESTER I**

S.N.	Course No	Course	L	T	P	IA	Exam	Total	Credits
1	1MCS1	Software System Design	3	1		25	100	125	5
<b>Elective-1</b>									
2	1MCS2.1	High Level System Design And Modeling	3	1		25	100	125	5
	1MCS2.2	Information System Security							
	1MCS2.3	Grid Computing							
<b>Sessionals</b>									
3	1MCS3	Software System Lab			3	60	40	100	2
<b>Total</b>			<b>6</b>	<b>2</b>	<b>3</b>	<b>110</b>	<b>240</b>	<b>350</b>	<b>12</b>
<b>SEMESTER II</b>									
1	2MCS1	Advance Database Management Systems	3	1		25	100	125	5
2	2MCS2	Design of Embedded Systems	3	1		25	100	125	5
3	2MCS3	Distributed Algorithms	3	1		25	100	125	5
<b>Total</b>			<b>9</b>	<b>3</b>		<b>75</b>	<b>300</b>	<b>375</b>	<b>15</b>
<b>SEMESTER III</b>									
1	3MCS1	Advanced Data Structures	3	1		25	100	125	5
<b>Elective-I</b>									
2	3MCS2.1	Reconfigurable Computing	3	1		25	100	125	5
	3MCS2.2	Artificial Intelligence & Fuzzy Systems							
	3MCS2.3	Network System Design							
<b>Elective-II</b>									
3	3MCS3.1	Modern Compiler Design	3	1		25	100	125	5
	3MCS3.2	Critical System Design							
	3MCS3.3	Mathematical Foundation of Computing							
<b>Total</b>			<b>9</b>	<b>3</b>	<b>0</b>	<b>75</b>	<b>300</b>	<b>375</b>	<b>15</b>
<b>SEMESTER IV</b>									
<b>Elective-1</b>									
1	4MCS1.1	Advanced Computer Graphics	3	1		25	100	125	5
	4MCS1.2	High-Performance Scientific Computing							
	4MCS1.3	Advanced Real-Time System Design							
<b>Sessionals</b>									
2	4MCS2	Advanced Database Lab			3	60	40	100	2
3	4MCS3	Seminar			3	150		150	6
<b>Total</b>			<b>3</b>	<b>1</b>	<b>6</b>	<b>235</b>	<b>140</b>	<b>375</b>	<b>13</b>
<b>SEMESTER V</b>									
1	5MCS1	Parallel and Distributed Computing	3	1		25	100	125	5
2	5MCS2	Dissertation Part -I			3	100		100	4
<b>Total</b>			<b>3</b>	<b>1</b>	<b>3</b>	<b>125</b>	<b>100</b>	<b>225</b>	<b>9</b>
<b>SEMESTER VI</b>									
1	6MCS1	Dissertation Part -II					500	500	24
<b>Total</b>				<b>0</b>		<b>0</b>	<b>500</b>	<b>500</b>	<b>24</b>
<b>Grand Total</b>			<b>30</b>	<b>10</b>	<b>12</b>	<b>620</b>	<b>1580</b>	<b>2200</b>	<b>88</b>