

**Master of Computer Science & Engineering (CSPG)-DD**

Sem	Course Code	Course Title	L	T	P	Credits	Remarks
1	1CS601	Advanced Data Structure and File systems	3	0	0	3	
1	1CS602	Advanced Computer Networks	3	0	0	3	
1	1CS6xx	Elective – I	3	0	0	3	
1	1CS6xx	Elective – II	3	0	0	3	
1	1CS6xx	Elective – III	3	0	0	3	
1	1CS603	Advanced Computer Lab-I	0	0	6	4	
		<b>Total Semester Credit</b>	<b>15</b>	<b>0</b>	<b>6</b>	<b>19</b>	
2	2CS604	Advanced Database Management System	3	0	0	3	
2	2CS6xx	Elective – IV	3	0	0	3	
2	2CS6xx	Elective – V	3	0	0	3	
2	2CS6xx	Elective – VI	3	0	0	3	
2	2CS6xx	Elective – VII	3	0	0	3	
2	2CS605	Advanced Computer Lab-II	0	0	6	4	
2	2CS691	Seminar	0	0	3	2	
		<b>Total Semester Credit</b>	<b>15</b>	<b>0</b>	<b>9</b>	<b>21</b>	
3	3CS692	Seminar and Comprehensive Viva	0	0	3	2	
3	ME701	Research Methodology	3	0	0	3	
3	3CS693	Dissertation (to be continued in 4 <sup>th</sup> Sem)	0	0	16	8	
		<b>Total Semester Credit</b>	<b>3</b>	<b>0</b>	<b>19</b>	<b>13</b>	
4	4CS694	Seminar and Comprehensive Viva	0	0	3	2	
4	4CS695	Dissertation	0	0	15	10	
		<b>Total Semester Credit</b>	<b>0</b>	<b>0</b>	<b>18</b>	<b>12</b>	
		<b>Total Credit</b>				<b>65</b>	
<b>List of Elective I,II,III,IV,V,VI &amp; VII</b>							

S.no.	Course Code	Course Title	L	T	P	Credits	Elective Pool
1	CS621	Artificial Intelligence and Intelligent Systems	3	0	0	3	AI
2	CS622	Real Time Systems	3	0	0	3	EVD
3	CS623	Data Encryption and Compression	3	0	0	3	INS
4	CS624	Analysis and Design of Information Systems	3	0	0	3	IR
5	CS625	Information Retrieval	3	0	0	3	IR
6	CS626	Advanced Computer Graphics	3	0	0	3	MS
7	CS627	Parallel Algorithm	3	0	0	3	PC
8	CS628	Advanced Software Engineering	3	0	0	3	PRM
9	CS629	Theory of Computer Science	3	0	0	3	TOC
10	CS630	Compiler Design	3	0	0	3	TOC
11	CS631	Genetic Algorithms	3	0	0	3	AI
12	CS632	Neural Networks	3	0	0	3	AI
13	CS633	Ubiquitous and Pervasive Computing	3	0	0	3	EVD
14	CS634	VLSI Design	3	0	0	3	EVD
15	CS635	Cryptography and Network Security	3	0	0	3	INS
16	CS636	Geographical Information Systems	3	0	0	3	IR
17	CS637	Data Warehousing and Mining	3	0	0	3	IR
18	CS638	Multimedia Systems	3	0	0	3	MS
19	CS639	Image Processing	3	0	0	3	MS
20	CS640	Grid and Cluster Computing	3	0	0	3	PC
21	CS641	Quantum Computing	3	0	0	3	PC
22	CS642	DNA Computing	3	0	0	3	PC
23	CS643	Advanced Software Project Management	3	0	0	3	PRM
24	CS644	Semantic Web	3	0	0	3	PRM
25	CS645	Advanced Graph Theory	3	0	0	3	TOC
26	CS646	Approximation Algorithms	3	0	0	3	TOC
27	CS647	Advanced Computer Architecture	3	0	0	3	EVD
28	CS648	Distributed Systems	3	0	0	3	PC
29	CS649	Object Oriented Modeling and Design	3	0	0	3	EVD