

<b>M. Tech Computer Science and Engineering</b>						
<b>Semester I</b>						
<b>S No.</b>	<b>Paper Code</b>	<b>Paper Name</b>	<b>Class Hours</b>			<b>Credit</b>
			<b>L</b>	<b>T</b>	<b>P</b>	<b>Cr. Pt.</b>
		<b>Theory</b>				
1	PGCSE101	Advanced Engineering Mathematics [Compulsory]	3	1	0	4
2	PGCSE102	Advanced Operating System [Compulsory]	4	0	0	4
3	PGCSE103	Advanced Computer Architecture [Compulsory]	4	0	0	4
4	PGCSE104	Advanced Algorithms [Compulsory]	4	0	0	4
5	PGCSE105	Elective - I A) Artificial Neural Networks B) Agent Based Intelligent Systems C) Advanced Soft Computing D) Object Oriented Information System Design E) Software Engineering & CASE tools F) Computer Graphics & Multimedia	4	0	0	4
		<b>Total</b>	<b>19</b>	<b>1</b>	<b>0</b>	<b>20</b>
		<b>Practical</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>Cr. Pt.</b>
6	PGCSE191	Operating System Laboratory [Compulsory]	0	0	3	2
7	PGCSE192	A) Advanced Programming Lab	0	0	3	2
		<b>Total</b>	<b>0</b>	<b>0</b>	<b>6</b>	<b>4</b>
		<b>Seminar</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>Cr. Pt.</b>
8	PGCSE193	Seminar – Based on literature survey	0	2	0	1
		<b>Total</b>	<b>19</b>	<b>3</b>	<b>6</b>	<b>25</b>
<b>Semester II</b>						
<b>S No.</b>	<b>Paper Code</b>	<b>Paper Name</b>	<b>Class Hours</b>			<b>Credit</b>
			<b>L</b>	<b>T</b>	<b>P</b>	<b>Cr. Pt.</b>
		<b>Theory</b>				
1	PGCSE201	Advanced DBMS [Compulsory]	4	0	0	4
2	PGCSE202	Advanced Computer Network & Security [Compulsory]	4	0	0	4
3	PGCSE203	Theory of Computation [ Compulsory]	4	0	0	4
4	PGCSE204	Elective - II A) Cluster, Grid and Cloud Computing B) Mobile Computing C) Advanced Web Technology D) Soft Computing E) Cryptography & Computer Security	4	0	0	4
5	PGCSE205	Elective - III A) Image Processing B) Pattern Recognition C) Real-time Embedded Systems & Programming D) Complex Systems E) Distributed System Principle	4	0	0	4
		<b>Total</b>	<b>20</b>	<b>0</b>	<b>0</b>	<b>20</b>
		<b>Practical</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>Cr. Pt.</b>
6	PGCSE291	Part-I – Computer Networking & DBMS Laboratory [Compulsory]	0	0	3	2
		<b>Total</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>2</b>
		<b>Seminar and Viva-voice</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>Cr. Pt.</b>
7	PGCSE292	Seminar – Term paper leading to project	0	2	0	1
		<b>Total</b>	<b>20</b>	<b>2</b>	<b>3</b>	<b>23</b>
<b>Semester III</b>						
<b>S No.</b>	<b>Paper Code</b>	<b>Paper Name</b>	<b>Class Hours</b>			<b>Credit</b>
			<b>L</b>	<b>T</b>	<b>P</b>	<b>Cr. Pt.</b>
		<b>Theory</b>				

1	PGCSE301	A: Project Management & Entrepreneurship B: Teaching & Research Methodologies	4	0	0	4
2	PGCSE302	Elective - IV A) Human Computer Interaction B) Bioinformatics C) Data Mining & Data Ware Housing D) Compiler Construction E) VLSI Design	4	0	0	4
		<b>Total</b>	<b>8</b>	<b>0</b>	<b>0</b>	<b>8</b>
		<b>Seminar and Viva-voice</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>Cr. Pt.</b>
3	PGCSE391	Project – Part 1 (Dissertation I + Defence of Project - I)	0	0	18	4+8=12
		<b>Total</b>	<b>8</b>	<b>0</b>	<b>18</b>	<b>20</b>
<b>Semester IV</b>						
		<b>Seminar and Viva-voice</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>Cr. Pt.</b>
1	PGCSE491	Project – Part 2 (Dissertation II + Defence of Project - II)	0	0	0	6+18=24
2	PGCSE492	Comprehensive Viva Voice	0	0	0	4
		<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>28</b>