

**Appendix**

**PROGRAM : M. Tech. (Computer Science & Engineering)**

**Semeter-I**

Course code	Course Title	Type	Teaching Scheme			Evaluation Scheme						Credit
			L	T	P	Internal			External		Total	
						CA	MSE	TW	ESE	PR		
20PCS101D	Digital Architecture & Digital Business Models	Theory	3	1	-	20	20	-	60	-	100	4
20PCS102D	Digital Marketing and Organizational Behavior	Theory	3	1	-	20	20	-	60	-	100	4
20PCS103D	Artificial Intelligence	Theory	3	1	-	20	20	-	60	-	100	4
<b>Elective-1</b>												
20PCS104E	Advanced Computer Algorithms	Theory	3	-	-	20	20	-	60	-	100	3
20PCS105E	Advanced Database Management Systems											
20PCS106E	Parallel & Distributed Systems											
<b>Elective-2</b>												
20PCS107E	Information Retrieval	Theory	3	-	-	20	20	-	60	-	100	3
20PCS108E	High Performance Networks											
20PCS109E	Embedded Systems											
20PCS110D	Research Methodology	Theory	2	-	-	25	-	-	25	-	50	2
20PCS111L	PG Lab-I	Practical	-	-	4	-	-	25	-	25	50	2
<b>Total</b>			<b>17</b>	<b>3</b>	<b>4</b>	<b>125</b>	<b>100</b>	<b>25</b>	<b>325</b>	<b>25</b>	<b>600</b>	<b>22</b>

**Semeter-II**

Course code	Course Title	Type	Teaching Scheme			Evaluation Scheme						Credit
			L	T	P	Internal			External		Total	
						CA	MSE	TW	ESE	PR		
20PCS201D	Deep Learning	Theory	3	1	-	20	20	-	60	-	100	4
20PCS202D	Digital Transformation & Project Management	Theory	3	1	-	20	20	-	60	-	100	4
20PCS203D	Data Security & Compliance	Theory	3	-	-	20	20	-	60	-	100	3
<b>Elective-3</b>												
20PCS204E	Natural Language Processing	Theory	3	-	-	20	20	-	60	-	100	3
20PCS205E	Big Data Analytics											
20PCS206E	Principles of Robotics											
<b>Elective-4</b>												
20PCS207E	Linux Kernel : Implementation & Security Issues	Theory	3	-	-	20	20	-	60	-	100	3
20PCS208E	Computational Number Theory & Cryptography											
20PCS209E	Data Science & Business Intelligence											
20PCS210E	Internet of Things											
20PCS211S	Seminar	Practical	-	-	4	-	-	25	-	25	50	2
20PCS212L	PG Lab-II	Practical	-	-	4	-	-	25	-	25	50	2
20PCS213M	Online Certification Course	Practical	MOOC			-	-	50	-	50	100	Audit
<b>Total</b>			<b>15</b>	<b>2</b>	<b>8</b>	<b>100</b>	<b>100</b>	<b>100</b>	<b>300</b>	<b>100</b>	<b>700</b>	<b>21</b>

<b>Semeter-III</b>												
<b>Course code</b>	<b>Course Title</b>		<b>Teaching Scheme</b>			<b>Evaluation Scheme</b>					<b>Credit</b>	
						<b>Internal</b>			<b>External</b>			<b>Total</b>
		<b>Type</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>CA</b>	<b>MSE</b>	<b>TW</b>	<b>ESE</b>	<b>PR</b>		
20PCS301M	Project Management	Practical	MOOC			-	-	50	-	50	100	2
20PCS302P	Project / Internship Phase - I	Practical	-	-	8	-	-	50	-	50	100	10
	<b>Total</b>		-	-	<b>8</b>	-	-	<b>100</b>	-	<b>100</b>	<b>200</b>	<b>12</b>
<b>Semeter-IV</b>												
<b>Course code</b>	<b>Course Title</b>		<b>Teaching Scheme</b>			<b>Evaluation Scheme</b>					<b>Credit</b>	
						<b>Internal</b>			<b>External</b>			<b>Total</b>
		<b>Type</b>	<b>L</b>	<b>T</b>	<b>P</b>	<b>CA</b>	<b>MSE</b>	<b>TW</b>	<b>ESE</b>	<b>PR</b>		
20PCS401M	Project / Internship Phase - II	Practical	-	-	-	-	-	100	-	100	200	13
	<b>Total</b>		-	-	-	-	-	<b>100</b>	-	<b>100</b>	<b>200</b>	<b>13</b>

Total Credits of Program 43+25=68

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