

**Shri Vaishnav Vidyapeeth Vishwavidyalaya**  
**Master of Technology (Computer Science and Engineering)**  
**Choice Based Credit System (CBCS)-2019-20**

**SEMESTER - I**

S. No.	COURSE CODE	COURSE NAME	Examination Scheme					Teaching Scheme/Week			CREDITS	TOTAL MARKS
			THEORY			PRACTICAL		Th	T	P		
			End Sem University Exam (60%)	Two Term Exam (20%)	Teachers Assessment* (20%)	End Sem University Exam (60%)	Teachers Assessment* (40%)					
1	MTMA101	Advance Mathematics	60	20	20	0	0	3	0	0	3	100
2	MTCS102	Advance Data Structure & Algorithm	60	20	20	30	20	2	0	2	3	150
3	MTCS103	Advance Computer Network	60	20	20	30	20	2	0	2	3	150
4	MTCS110	Elective I	60	20	20	0	50	2	0	2	3	150
5	MTCS120	Elective II	60	20	20	30	20	2	0	2	3	150
6	MTCS106	Design Pattern Lab	0	0	0	0	50	0	0	2	1	50
7	MTCS107	MATLAB Lab	0	0	0	30	20	0	0	2	1	50
8	MTCS108	Comprehensive viva	0	0	0	0	50	0	0	2	1	50
			300	100	100	120	230	11	0	14	18	850
<b>Elective-I</b>								<b>Elective-II</b>				
	MTCS111	Data Mining & Warehousing						MTCS121	Web Technology & E-commerce			
	MTCS112	Object Oriented Analysis & Design						MTCS122	Cloud Computing			
	MTCS113	Internet Of Things						MTCS123	Natural Language Processing			
	MTCS115	Big Data Analysis						MTCS124	Multimedia Computing			

\*Teacher Assessment shall be based following components: Quiz/Assignment/Project/Participation in Class, given that no component shall exceed more than 10 marks.