



Shri Vaishnav Vidyapeeth Vishwavidyalaya
Shri Vaishnav Institute of Information Technology
Choice Based Credit System (CBCS) Scheme in the light of NEP-2020
Master of Technology (Computer Science and Engineering)

SEMESTER - I (2021-2023)

Sr. No.	Subject Code	Name of Subject	TEACHING				CREDITS	EXAMINATION SCHEME					TOTAL MARKS
			L	T	P	THEORY			PRACTICAL				
						End Sem University Exam (60%)		Two Term Exam (20%)	Teachers Assessment* (20%)	End Sem University Exam (60%)	Teachers Assessment* (40%)		
1	MTMA101	Advanced Mathematics	3	0	0	3	60	20	20	0	0	100	
2	MTCS102	Advance Data Structure & Algorithm	2	0	2	3	60	20	20	30	20	150	
3	MBAI301C	Advance Human Values and Professional Ethics	4	0	0	4	60	20	20	0	0	100	
4	MTCS110	Elective I	2	0	2	3	60	20	20	0	50	150	
5	MTCS120	Elective II	2	0	2	3	60	20	20	30	20	150	
6	MTCS106	Design Pattern Lab	0	0	2	1	0	0	0	0	50	50	
7	MTCS108	Comprehensive viva	0	0	2	1	0	0	0	0	50	50	
8		Generic Elective				3						0	
			13	0	10	21	300	100	100	60	190	750	

Legends: L - Lecture ; T - Tutorial/Teacher Guided Student Activity ; P - Practical ;

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

Elective-I	
MTCS111	Data Mining & Warehousing
MTCS112	Object Oriented Analysis & Design
MTCS113	Internet Of Things
MTCS115	Big Data Analysis

Elective-II	
MTCS121	Web Technology & E-commerce
MTCS122	Cloud Computing
MTCS123	Natural Language Processing
MTCS124	Multimedia Computing

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Board of Studies
Shri Vaishnav Vidyapeeth
Vishwavidyalaya, Indore

Chairperson
Faculty of Studies
Shri Vaishnav Vidyapeeth
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Controller of Examinations
Shri Vaishnav Vidyapeeth
Vishwavidyalaya, Indore

Registrar
Shri Vaishnav Vidyapeeth
Vishwavidyalaya, Indore

Vice Chancellor
Shri Vaishnav Vidyapeeth
Vishwavidyalaya, Indore