PEOPLE'S UNIVERSITY, BHOPAL
Scheme of Examination
(With Effective from Academic Session 2019-20 onwards)

PROGRAMME: Master of Technology
BRANCH : Computer Science and Engineering   **Specialization: Computer Science and Engineering**   **SEMESTER: I**

S.No.	Subject Code	Subject Name	Maximum Marks Allotted							Total Marks	Teaching Hour Per Week			Total Credits	Remark
			Theory Slot				Practical Slot								
							End Sem	Term Work			L	T	P		
			End Sem	MST	Quiz, Assignment	Attendance		Performance, Lab Record	Assignment /Quiz/Attendance						
1	MT1101	Research Methodology & IPR	70	15	10	5	-	-	-	100	3	1	-	**04**	One hour Lecture (L) refer 1 credit, One hour Tutorial (T) refer 1 credit, One hour Practical (P) refer 0.5 credit.
2	MTCS1102	Advance Data Structure and Algorithms.	70	15	10	5	-	-	-	100	3	1	-	**04**	
3	MTCS1103	Advance Data Base Management System	70	15	10	5	-	-	-	100	3	1	-	**04**	
4	MTCS1104	Advance System Programming and Operating system.	70	15	10	5	-	-	-	100	3	1	-	**04**	
5	MTCS1105	Advance Computer Network.	70	15	10	5	-	-	-	100	3	1	-	**04**	
6	MTCS1106	Data Structure and Database Lab	-	-	-	-	70	15	15	100	-	-	4	**02**	
7	MTCS1107	Operating System and Networking Lab	-	-	-	-	70	15	15	100	-	-	4	**02**	
8	MT1108	# Audit Course I (Value Education)	35	-	10	5	-	-	-	50	2	-	-	**00**	**Grand Total**
	Total		385	75	50	30	140	30	30	750	17	05	08	24	700

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PROGRAMME: Master of Technology
BRANCH : Computer Science and Engineering   **Specialization: Computer Science and Engineering**   **SEMESTER: II**

S.No.	Subject Code	Subject Name	Maximum Marks Allotted								Teaching Hour Per Week			Total Credits	Remark
			Theory Slot				Practical Slot								
								Term Work							
			End Sem	MST	Quiz, Assignment	Attendance	End Sem	Lab Performance, Lab Record & Viva	Assignment /Quiz/Attendance	Total Marks	L	T	P		
1	Refer Table- I	Professional Elective I	70	15	10	05	-		-	100	3	1	-	**04**	One hour Lecture (L) refer 1 credit, One hour Tutorial (T) refer 1 credit, One hour Practical (P) refer 0.5 credit.
2	MTCS1202	Artificial Intelligence and Soft Computing	70	15	10	05	-	-	-	100	3	1	-	**04**	
3	MTCS 1203	Network Security and Wireless Sensor Network	70	15	10	05	-	-	-	100	3	1	-	**04**	
4	MTCS 1204	Parallel Computer Architecture	70	15	10	05	-	-	-	100	3	1	-	**04**	
5	MTCS1205	Advance Computer Graphics & Multimedia.	70	15	10	05	-	-	-	100	3	1	-	**04**	
6	MTCS1206	Artificial Intelligence and Network Security Lab	-	-	-	-	70	15	15	100	-	-	4	**02**	
7	MTCS1207	Computer Architecture and Multimedia Lab	-	-	-	-	70	15	15	100	-	-	4	**02**	
8	MT 1208	# Audit Course II(English for Research Paper Writing)	35	-	10	05	-	-	-	50	2	-	-	**00**	**Grand Total**
	Total		350	75	50	25	140	30	30	700	17	05	08	**24**	**700**

 # Mandatory (Non Credit) subject according to AICTE. Non University Examination, End Sem marks not to be included in total marks and credit. Students must pass in this subject.

Table I: Professional Elective-I

Subject Code	MTCS12101	MTCS12102	MTCS12103
Name of Professional Elective Subject	Cloud Computing	Mobile Network System	High Performance Computing

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PROGRAMME: Master of Technology
BRANCH : Computer Science and Engineering   **Specialization: Computer Science and Engineering**   **SEMESTER: III**

.No.	Subject Code	Subject Name	Maximum Marks Allotted								Teaching Hour Per Week			Total Credits	Remark
			Theory Slot				**Practical Slot**								
								Term Work							
			End Sem	MST	Quiz, Assignment	Attendance	End Sem	Lab Performance, Lab Record & Viva	Assignment /Quiz/Attendance	Total Marks	L	T	P		
1	Refer Table II	Open Elective	70	15	10	05	-	-	-	100	03	01	-	**04**	One hour Lecture (L) refer 1 credit,
2	Refer Table III	Professional Elective II	70	15	10	05	-	-	-	100	03	01	-	**04**	One hour Tutorial (T) refer 1 credit,
5	MTCS- 303	Pre-Dissertation	-	-	-	-	200	50	50	300	-	-	12	**06**	One hour Practical (P) refer 0.5 credit.
															Grand Total
	Total		**140**	**30**	**20**	**10**	**200**	**50**	**50**	**500**	**06**	**02**	**12**	**14**	**500**

Approved From Academic Council

Table II: Open Elective

Subject Code	MT13101	MT13102	MT13103
Name of Open Elective Subject	Industrial Safety	Waste to Energy	Cost Management of Engineering Projects

Table III: Professional Elective-II

Subject Code	MTCS13201	MTCS13202	MTCS13203
Name of Professional Elective Subject	Python Programming	Data Mining and Warehousing	Simulation And Modeling

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PROGRAMME: Master of Technology
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S.No.	Subject Code	Subject Name	Theory Slot End Sem	MST	Quiz, Assignment	Attendance	Practical Slot End Sem	Term Work Lab Performance, Lab Record & Viva	Assignment /Quiz/Attendance	Total Marks	L	T	P	Total Credits	Remark
1	MTCS1401	Dissertation	-	-	-	-	300	100	100	500	-	-	32	**16**	One hour Lecture (L) refer 1 credit, One hour Tutorial (T) refer 1 credit, One hour Practical (P) refers 0.5 credit.
	Total		-	-	-	-	**300**	**100**	**100**	**500**	**-**	**-**	**32**	**16**	**500**

MST: Mid Semester Test (at least twice per Semester)   L: Lecture   T: Tutorial   P: Practical