

# 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:** Cyber Security

**SEMESTER : I**

S.No.	Subject Code	Subject Name	Maximum Marks Allotted								Teaching Hour Per Week			Total Credits	Remark	
			Theory Slot				Practical Slot				Total Marks	L	T			P
			End Sem	MST	Quiz, Assignment	Attendance	End Sem	Term Work								
								Lab Performance, Lab Record & Viva	Assignment /Quiz/Attendance							
1	MT1101	Research Methodology & IPR	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	MTCY1102	Advance Data Base Management System	70	15	10	05	-	-	-	100	3	1	-	04		
3	MTCY1103	Advance System Programming and Operating System.	70	15	10	05	-	-	-	100	3	1	-	04		
4	MTCY1104	Advance Data Structure and Algorithms.	70	15	10	05	-	-	-	100	3	1	-	04		
5	MTCY1105	Advance Digital Computer Organization.	70	15	10	05	-	-	-	100	3	1	-	04		
6	MTCY1106	Data Structure & Database Lab	-	-	-	-	70	15	15	100	-	-	4	02		
7	MTCY 1107	System Programming & Networking lab	-	-	-	-	70	15	15	100	-	-	4	02		
8	MT 1108	# Audit Course I (Value Education)	35	-	10	05	-	-	-	50	2	-	-	00		
<b>Total</b>			<b>385</b>	<b>75</b>	<b>50</b>	<b>30</b>	<b>140</b>	<b>30</b>	<b>30</b>	<b>750</b>	<b>17</b>	<b>05</b>	<b>08</b>	<b>24</b>	<b>700</b>	

# 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.

MST: Mid Semester Test (at least twice per Semester)

L: Lecture

T: Tutorial

P: Practical

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**SEMESTER : II**

S.No.	Subject Code	Subject Name	Maximum Marks Allotted							Teaching Hour Per Week			Total Credits	Remark	
			Theory Slot				Practical Slot			Total Marks	L	T			P
			End Sem	MST	Quiz, Assignment	Attendance	End Sem	Term Work							
								Performance, Lab Record & Assignment	Quiz/Attendance						
1	Refer Table- I	Professional Elective I	70	15	10	05	-	-	-	100	3	1	-	<b>04</b>	One hour Lecture (L) refer 1 credit, One hour Tutorial (T) refer 1 credit, One hour Practical (P) refer 0.5 credit.
2	MTCY 1202	Advance computer Network and Wireless Sensor Network.	70	15	10	05	-	-	-	100	3	1	-	<b>04</b>	
3	MTCY 1203	Artificial Intelligence and Soft Computing.	70	15	10	05	-	-	-	100	3	1	-	<b>04</b>	
4	MTCY1204	Advance Computer Graphics & Multimedia.	70	15	10	05	-	-	-	100	3	1	-	<b>04</b>	
5	MTCY1205	Applied Cryptography.	70	15	10	05	-	-	-	100	3	1	-	<b>04</b>	
6	MTCY1206	Networking and Soft Computing Lab	-	-	-	-	70	15	15	100	-	-	4	<b>02</b>	
7	MTCY1 207	Applied Cryptography and Multimedia Lab.	-	-	-	-	70	15	15	100	-	-	4	<b>02</b>	
8	MT 1208	# Audit Course II(English for Research Paper Writing)	35	-	10	05	-	-	-	50	2	-	-	<b>00</b>	
<b>Total</b>			<b>350</b>	<b>75</b>	<b>50</b>	<b>25</b>	<b>140</b>	<b>30</b>	<b>30</b>	<b>700</b>	<b>17</b>	<b>05</b>	<b>08</b>	<b>24</b>	<b>700</b>

# 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: Core Elective-I**

Subject Code	MTCY12101	MTCY12102	MTCY12103
Name of Professional Elective Subject	Cloud Computing	Information Security and Quality Assurance	Computer Forensic Science

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**PROGRAMME:** Master of Technology

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**SEMESTER : III**

S.No.	Subject Code	Subject Name	Maximum Marks Allotted								Teaching Hour Per Week	Total Credits	Remark		
			Theory Slot				Practical Slot								
			End Sem	MST	Quiz, Assignment	Attendance	End Sem	Term Work						Total Marks	
								Lab Performance, Lab Record & Viva	Assignment/Quiz/Attendance						
L	T	P													
1	Refer Table II	Open Elective	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	Refer Table III	Professional Elective II	70	15	10	05	-	-	-	100	3	1	-		
5	MTCY1303	Pre-Dissertation	-	-	-	-	200	50	50	300	-	-	12		
<b>Total</b>			<b>140</b>	<b>30</b>	<b>20</b>	<b>10</b>	<b>200</b>	<b>50</b>	<b>50</b>	<b>500</b>	<b>06</b>	<b>02</b>	<b>12</b>	<b>14</b>	<b>500</b>

**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**

Subject Code	MTCY13201	MTCY13202	MTCY13203
Name of Professional Elective Subject	Digital Cyber Crimes & Cyber Criminology	Python Programming	Biometric Security

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**Semester:** IV

S.No.	Subject Code	Subject Name	Maximum Marks Allotted									Teaching Hour Per Week			Total Credits	Remark	
			Theory Slot				Practical Slot					Total Marks	L	T			P
			End Sem	MST	Quiz, Assignment	Attendance	End Sem	Term Work									
								Lab Performance, Lab Record & Viva	Assignment /Quiz/Attendance								
1	MTCY1401	Dissertation	-	-	-	-	300	100	100	500	-	-	32	<b>16</b>	One hour Lecture (L) refer 1 credit, One hour Tutorial (T) refer 1 credit, One hour Practical (P) refer 0.5 credit.		
<b>Total</b>			-	-	-	-	<b>300</b>	<b>100</b>	<b>100</b>	<b>500</b>	-	-	<b>32</b>	<b>16</b>	<b>500</b>		

MST: Mid Semester Test (at least twice per Semester)

L: Lecture

T: Tutorial

P: Practical