

PEOPLE'S UNIVERSITY, BHOPAL

Scheme of Examination

(With Effective from Academic Session 2019-20 onwards)

PROGRAMME : Master of Technology

BRANCH : Civil Engineering

Specialization: Construction Technology & Management

SEMESTER: I

S. No.	Subject Code	Subject Name	Maximum Marks Allotted							Teaching Hours 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, and one hour Practical (P) refer 0.5 credit.
2	MTCM1102	Composite Materials	70	15	10	05	-	-	-	100	3	1	-	04	
3	MTCM1103	Geotechnical Engineering	70	15	10	05	-	-	-	100	3	1	-	04	
4	MTCM1104	Concrete Construction Technology	70	15	10	05	-	-	-	100	3	1	-	04	
5	MTCM1105	Low Cost Housing Materials and Construction Technology	70	15	10	05	-	-	-	100	3	1	-	04	
6	MTCM1106	Material Testing-I	-	-	-	-	70	15	15	100	-	-	4	02	
7	MTCM1107	Software Lab –I	-	-	-	-	70	15	15	100	-	-	4	02	
8	MT1108	# Audit Course I (Value Education)	35	-	10	05	-	-	-	50	2	-	-	00	
Total			350	75	50	25	140	30	30	700	17	5	8	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.

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

L: Lecture

T: Tutorial

P: Practical

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SEMESTER: II

	Subject Code	Subject Name	Maximum Marks Allotted								Teaching Hours 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	Refer Table- I	Professional Elective I	70	15	10	05	-	-	-	100	3	1	-	One hour Lecture (L) refer 1 credit, one hour Tutorial (T) refer 1 credit, and one hour Practical (P) refer 0.5 credit.		
2	MTCM1202	Prefabrication Design & Its Construction Technology	70	15	10	05	-	-	-	100	3	1	-			
3	MTCM1203	Construction Equipment and Material Management	70	15	10	05	-	-	-	100	3	1	-			
4	MTCM1204	Financial Management in Construction Industries	70	15	10	05	-	-	-	100	3	1	-			
5	MTCM1205	Appropriate Technology and Energy Conservation	70	15	10	05	-	-	-	100	3	1	-			
6	MTCM1206	Material Testing –II	-	-	-	-	70	15	15	100	-	-	4			
7	MTCM1207	Software Lab –II	-	-	-	-	70	15	15	100	-	-	4			
8	MT1208	# Audit Course II (English for Research Paper Writing)	35	-	10	05	-	-	-	50	2	-	-			
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	MTCM12101	MTCM12102	MTCM12103
Name of Professional Elective Subject	Construction Management	Bridge Engineering	Remote Sensing & GIS

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SEMESTER: III

S.No.	Subject Code	Subject Name	Maximum Marks Allotted								Teaching Hours 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	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, and one hour Practical (P) refer 0.5 credit.		
2	Refer Table-III	Professional Elective II	70	15	10	05	-	-	100	3	1	-	04			
3	MTCM1303	Pre-Dissertation	-	-	-	-	200	50	50	300	-	-	12		06	
Total			140	30	20	10	200	50	50	500	6	2	12	14	500	

Table II: Open Elective

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

Table III: Professional Elective-II

Subject Code	MTCM13201	MTCM13202	MTCM13203
Name of Professional Elective Subject	Management of Quality and Safety in Construction	Advanced Highway Construction	Advanced Foundation Engineering

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SEMESTER: IV

S.No.	Subject Code	Subject Name	Maximum Marks Allotted							Teaching Hours 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	MTCM1401	Dissertation	-	-	-	-	300	100	100	500	-	-	32	16	One hour Lecture (L) refer 1 credit, one hour Tutorial (T) refer 1 credit. and one hour Practical (P) refer 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