

MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR
(A Govt. Aided UGC Autonomous & NAAC Accredited Institute Affiliated to R.G.P.V., Bhopal MP)

For Batch Admitted in 2023-2024

Master of Engineering in Construction Technology & Management (Semester – I)

Scheme of Examination

S. No.	Subject Code	Subject Name	Maximum Marks Allotted							Total Marks	Contact Periods per week			Total Credits
			Theory Slot			Practical Slot		MOOCs			L	T	P	
			End Sem	Mid Sem	Quiz/ Assignment	End Sem	Lab Work / Sessional	Assignment	Exam					
1.	510111	Computational Techniques	70	20	10	-	-	-	-	100	3	-	-	3
2.	510121	Construction Materials, Machines & Techniques	70	20	10	-	-	-	-	100	3	-	-	3
3.	510113	Contract Management	70	20	10	-	-	-	-	100	3	-	-	3
4.		#Elective - I	70	20	10	-	-	-	-	100	3	-	-	3
5.		*Open Category Course (OC-1)	70	20	10	-	-	-	-	100	3	-	-	3
6.	510119	Construction Lab	-	-	-	90	60	-	-	150	-	-	4	4
7.	510120	S Self Learning / Presentation	-	-	-	-	100	-	-	100	-	-	2	2
		Total	350	100	50	90	160	-	-	750	15	-	6	21

#Elective - I

- 510114. Maintenance Management
- 510115. Infrastructure Development
- 510116. Formwork for Concrete Structures

* **Open Category Course (OC-1)** will have to be opted from the pool of open courses (Student can opt from parent department and other department) and based on interdisciplinary aspects.

- 800108. Organizational Behaviour & Management
- 800109. Safety & Quality Management

During labs, students have to perform practical/assignments/minor projects related to theory subjects/theoretical concepts of respective semester using recent technologies / languages / tools etc.

^sSelf learning / presentation through SWAYAM / NPTEL (Registration in a course will be compulsory for students bus assessment will be based on internal seminar presentation)

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Civil Engineering Department, MITS Gwalior

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MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR

(A Govt. Aided UGC Autonomous Institute Affiliated to RGPV, Bhopal)
NAAC Accredited with A++ Grade

MKS
03/01/2024
DEAN (ACADEMICS)

For batch admitted in academic session 2023 - 24

Master of Engineering in Construction Technology & Management (Semester - II) GWALIOR

Scheme of Examination

S. No.	Subject Code	Subject Name	Maximum Marks Allotted							Total Marks	Contact Periods per week			Total Credits	
			Theory Slot			Practical Slot		MOOCs			L	T	P		
			End Sem	Mid Sem	Quiz/Assignment	End Sem	Lab Work / Sessional	Assignment	Exam						
1.	510211	Project Economics & Financing	70	20	10	-	3	-	-	100	3	-	-	3	
2.	510212	Construction Cost Management	70	20	10	-	3	-	-	100	3	-	-	3	
3.	510213	Construction Project Management	70	20	10	-	3	-	25	75	3	-	-	3	
4.		##Elective - II	-	-	-	-	3	-	-	100	3	-	-	3	
5.		**Open Category Course (OC-2)	70	20	10	-	3	-	-	150	-	-	4	4	
6.	510219	Computational Laboratory for Construction Management	-	-	-	-	90	60	-	-	100	-	-	2	2
7.	510220	\$ Self Learning / Presentation	-	-	-	-	-	100	-	-	100	-	-	2	2
		Total	280	80	40	90	160	25	75	750	15	6	21		

##Elective-II (Through SWAYAM / NPTEL / MOOC based learning platform (with credit transfer facility))

510216. Construction Methods and Equipment Management
510218. Strategies for Sustainable Design

**Open Category Course (OC-2) will have to be opted from the pool of open courses (Student can opt from parent department and other department) and based on interdisciplinary aspects. This course may run through SWAYAM/NPTEL based platform (with credit transfer facility).

800208. Sustainable Materials and Green Buildings

During labs, students have to perform practical/assignments/ minor projects related to theory subjects/theoretical concepts of respective semester using recent technologies / languages / tools etc.

\$Self learning / presentation through SWAYAM / NPTEL (Registration in a course will be compulsory for students bus assessment will be based on internal seminar presentation)

Civil Engineering Department, MITS Gwalior

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Master of Engineering in Construction Technology & Management (Semester – III)

For batch admitted in academic session 2023 – 24

Scheme of Examination

S. No.	Subject Code	Subject Name	Maximum Marks Allotted						Total Marks	Contact Hours per week			Total Credits	
			Theory Slot			Practical Slot		MOOCs		L	T	P		
			End Sem.	Mid Sem.	Quiz/ Assignment	End Sem. /Practical Viva	Sessional Work/ Practical Record/ Assignment/ Quiz/ Presentation	Assignment						Exam
1.	510311	Dissertation Part-I (Literature Review/ Problem Foundation/ Synopsis/survey paper, etc.)	-	-	-	150	100			250	-	-	10	10
2.	8003XX	*MOOC Course	-	-	-	-	-	25	75	100	02	-	-	02
		Total	-	-	-	150	100	25	75	350	02	-	10	12

*MOOC Course : 800308 Urban governance and Development Management (UGDM)

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W.E.F JULY 2020

Master of Engineering in Construction Technology & Management (Semester – IV)

Scheme of Examination

S. No.	Subject Code	Subject Name	Maximum Marks Allotted					Total Marks	Contact Hours per week			Total Credits
			Theory Slot			Practical Slot			L	T	P	
			End Sem.	Mid Sem.	Quiz/ Assignment	End Sem. /Practical Viva	Sessional Work/ Practical Record/ Assignment/ Quiz/ Presentation					
1.	510405	Dissertation Part-II	-	-	-	300	200	500	-	-	14	14
		Total	-	-	-	300	200	500	-	-	14	14

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DEAN (ACADEMICS)
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