



MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR
(Deemed University)
(Declared Under Distinct Category by Ministry of Education, Government of India)



NAAC Accredited with A++ Grade
Department of Civil Engineering
Scheme of Evaluation

M. E. I Semester (*Construction Technology & Management*)

(for batch admitted in academic session 2025-26)

S. No.	Course Code	Category Code	Course Name	Maximum Marks Allotted						Total Marks	Contact Hours per week			Total Credits	Mode of Learning	Mode of Major Evaluation	Duration of Major Evaluation
				Theory Block				Practical Block			L	T	P				
				Continuous Evaluation			Major Evaluation	Continuous Evaluation	Major Evaluation								
				Minor Evaluation I	Minor Evaluation II	Quiz/ Assignment		Lab Work & Sessional									
1.	51251101	DC	Computational Techniques	25	25	20	30	-	-	100	3	-	-	3	Face to Face	PP	2 Hrs
2.	51251102	DC	Construction Project Management	25	25	20	30	-	-	100	2	1	-	3	Face to Face	PP	2 Hrs
3.	51251103	DC	Construction Materials, Machines & Techniques	25	25	20	30	-	-	100	2	1	-	3	Face to Face	PP	2 Hrs
4.	512511XX	DE	Departmental Elective (DE-1)	25	25	20	30	-	-	100	3	-	-	3	Face to Face	PP	2 Hrs
5.	51251104	SPC	Management Theory (SPC-1)	25	25	20	30	-	-	100	3	-	-	3	Face to Face	PP	2 Hrs
6.	51251105	DLC	Materials Lab #	-	-	-	-	70	30	100	-	-	4	2	Experiential	SO	-
7.	51251106	SLP	Seminar/Presentation \$	-	-	-	-	70	30	100	-	-	4	2	Mentoring	SO	-
8.	51251110	NEC	Classified Novel Engaging Course (Activity Based Learning)	-	-	-	-	-	50	50	-	1	-	1	Interactive	SO	-
Total				125	125	100	150	140	110	750	13	03	08	20	-	-	-

MCQ: Multiple Choice Question **PP:** Pen Paper **SO:** Submission + Oral **OB:** Open Book

During lab, students have to perform practical/assignments/minor projects related to the courses of respective semester using recent technologies / languages / tools etc.

\$ Seminar/Presentation through SWAYAM / NPTEL (Registration in a course will be compulsory for students but assessment will be based on internal seminar presentation).

DE-1		
S. No.	Course Code	Course Name
1.	51251107	Maintenance Management
2.	51251108	Infrastructure Development
3.	51251109	Formwork for Concrete Structures

Mode of Learning					Mode of Examination					Total Credits
Theory		Lab		NEC	Theory			Lab	NEC	
Face to Face	Online	Mentoring	Experiential	Interactive	PP	MCQ	OB	SO	SO	
15		2	2	1	15			4	1	
75%		10%	10%	5%	75%			20%	5%	Credits %



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M. E. II Semester (*Construction Technology & Management*)

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S. No.	Course Code	Category Code	Course Name	Maximum Marks Allotted								Total Marks	Contact Hours per week			Total Credits	Mode of Learning	Mode of Major Evaluation	Duration of Major Evaluation
				Theory Block				Practical Block		MOOCs									
				Continuous Evaluation			Major Evaluation	Continuous Evaluation	Major Evaluation	Assignment	Exam								
				Minor Evaluation I	Minor Evaluation II	Quiz/ Assignment		Lab Work & Sessional											
1.	51251201	DC	Project Economics & Financing	25	25	20	30	-	-	-	-	100	3	-	-	3	Face to Face	PP	2 Hrs
2.	51251202	DC	Construction Cost Management	25	25	20	30	-	-	-	-	100	2	1	-	3	Face to Face	PP	2 Hrs
3.	51251203	DC	Contract Management	25	25	20	30	-	-	-	-	100	2	1	-	3	Face to Face	PP	2 Hrs
4.	512512XX	DE	Departmental Elective* (DE-2)	-	-	-	-	-	-	25	75	100	3	-	-	3	Online	MCQ	3 Hrs
5.	51251204	SPC	Repair, Rehabilitation & Retrofitting of Structures (SPC-2)	25	25	20	30	-	-	-	-	100	2	1	-	3	Face to Face	PP	2 Hrs
6.	51251205	DLC	Computational Lab #	-	-	-	-	70	30	-	-	100	-	-	4	2	Experiential	SO	-
7.	51251206	SLP	Seminar/Presentation\$	-	-	-	-	70	30	-	-	100	-	-	4	2	Mentoring	SO	-
8.	51251207	NEC	Classified Novel Engaging Course (Activity Based Learning) Fire Safety & Regulation in Building	-	-	-	-	-	50	-	-	50	-	1	-	1	Interactive	SO	-
Total				100	100	100	120	140	110	25	75	750	12	04	08	20	-	-	-

MCQ: Multiple Choice Question PP: Pen Paper SO: Submission + Oral OB: Open Book

* This course will run through SWAYAM / NPTEL / MOOC based learning platform (with credit transfer facility). The course can be related & relevant to other domain as well.

[#] During lab, students have to perform practical/assignments/minor projects related to the courses of respective semester using recent technologies / languages / tools etc.

^{\$} Seminar/Presentation through SWAYAM / NPTEL (Registration in a course will be compulsory for students but assessment will be based on internal seminar presentation).

DE-2* (through SWAYAM / NPTEL / MOOC)		
S. No.	Course Code	Course Name
1.		

Mode of Learning					Mode of Examination					Total Credits
Theory		Lab		NEC	Theory			Lab	NEC	
Face to Face	Online	Mentoring	Experiential	Interactive	PP	MCQ	OB	SO	SO	
12	3	2	2	1	12	3		4	1	
60%	15%	10%	10%	5%	60%	15%		20%	5%	Credits %



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Scheme of Evaluation
M. E. III Semester (*Construction Technology & Management*)

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				Theory Block				Practical Block									
				Continuous Evaluation			Major Evaluation	Continuous Evaluation	Major Evaluation								
				Minor Evaluation I	Minor Evaluation II	Quiz/ Assignment		Lab Work & Sessional									
1.	51252101	DLC	Preliminary Dissertation (Literature Review/ Problem Foundation/ Synopsis/ survey paper, etc.)	-	-	-	-	175	75	250	-	-	28	14	Interactive	SO	-
Total				-	-	-	-	175	75	250	-	-	28	14	-	-	-



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Scheme of Evaluation
M. E. IV Semester (*Construction Technology & Management*)

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				Theory Block				Practical Block									
				Continuous Evaluation			Major Evaluation	Continuous Evaluation		Major Evaluation							
				Minor Evaluation I	Minor Evaluation II	Quiz/ Assignment		Lab Work & Sessional									
1.	51252201	DLC	Dissertation	-	-	-	-	350	150	500	-	-	32	16	Interactive	SO	-
Total				-	-	-	-	350	150	500	-	-	32	16	-	-	-