

**MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE,
GWALIOR**

**Deemed to be University
(NAAC Accredited with A++)**

SCHEME

(Under Flexible Curriculum)

B. Tech Civil Engineering with Honors



Admitted Batch

(2020-2024)

**DEPARTMENT OF CIVIL
ENGINEERING**

MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR

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Scheme of Examination

B. Tech. V Semester (Civil Engineering)

For batches admitted in academic session July, 2020

S. No	Subject Code	Subject Name	Theory MOOC			Credits
			End Sem	Assignment/ Quiz	Total Marks	
1.	H110501	Integrated Waste Management for Smart City	75	25	100	04
2.	H110502	Matrix Methods of Structural Analysis	75	25	100	03
3.	H110504	Introduction to Multimodal Urban Transportation Systems	75	25	100	04
4.	H110506	Advanced Concrete Technology	75	25	100	04

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Scheme of Examination

B. Tech. VI Semester (Civil Engineering)

For batches admitted in academic session July, 2020

S. No	Subject Code	Subject Name	Theory MOOC			Credits
			End Sem	Assignment/ Quiz	Total Marks	
1.	H110601	Structural Dynamics	75	25	100	04
2.	H110605	Environmental Impact Assessment	75	25	100	04
3.	H110606	Construction Methods & Equipment Management	75	25	100	04

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Scheme of Examination

B. Tech. VII Semester (Civil Engineering)

For batches admitted in academic session July, 2020

S. No	Subject Code	Subject Name	Theory MOOC			Credits
			End Sem	Assignment/ Quiz	Total Marks	
1.	H110704	Bridge Engineering	75	25	100	04
2.	H110705	Ground Improvement	75	25	100	04
3.	H110706	Earthquake Geotechnical Engineering	75	25	100	04
4.	H110707	Admixtures & Special Concretes	75	25	100	04
5.	H110708	Dynamics of Structures	75	25	100	04
6.	H110501	Integrated Waste Management for Smart City	75	25	100	04
7.	H110502	Matrix Methods of Structural Analysis	75	25	100	03

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Scheme of Examination

B. Tech. VIII Semester (Civil Engineering)

For batches admitted in academic session July, 2020

S. No	Subject Code	Subject Name	Theory MOOC			Credits
			End Sem	Assignment/ Quiz	Total Marks	
1.	H110806	Geographical Information Systems	75	25	100	04
2.	H110807	Analysis and Design of Bituminous Pavements	75	25	100	04
3.	H110601	Structural Dynamics	75	25	100	04
4.	H110605	Environmental Impact Assessment	75	25	100	04
5.	H110606	Construction Methods & Equipment Management	75	25	100	04