

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

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

SCHEME

(Under Flexible Curriculum)

**B. Tech with Minor Specialization in
Civil Engineering**



Admitted Batch

(2022-2026)

**DEPARTMENT OF CIVIL
ENGINEERING**

MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR
Deemed University
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Scheme of Examination
B. Tech. V Semester (Minor Specialization in Civil Engineering)

For batch admitted in academic session July, 2022

S. No	Subject Code	Subject Name	Theory MOOC			Credits
			End Sem	Assignment/ Quiz	Total Marks	
1.	M110501	Building Materials & Composites	75	25	100	03
2.	M110503	Strength of Materials	75	25	100	04
3.	M110504	Fluid Mechanics	75	25	100	04

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Scheme of Examination
B. Tech. VI Semester (Minor Specialization in Civil Engineering)

For batch admitted in academic session July, 2022

S. No	Subject Code	Subject Name	Theory MOOC			Credits
			End Sem	Assignment/ Quiz	Total Marks	
1.	M110601	Hydraulic Engineering	75	25	100	04
2.	M110602	Water & Wastewater Treatment	75	25	100	04

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Scheme of Examination
B. Tech. VII Semester (Minor Specialization in Civil Engineering)

For batch admitted in academic session July, 2022

S. No	Subject Code	Subject Name	Theory MOOC			Credits
			End Sem	Assignment/ Quiz	Total Marks	
1.	M110703	Soil Mechanics / Geotechnical Engineering - I	75	25	100	04
2.	M110704	Geometric Design of Highways	75	25	100	04
3.	M110705	Design of Reinforced Concrete Structures	75	25	100	04
4.	M110706	Principles of Construction Management	75	25	100	04
5.	M110707	Project Planning & Control	75	25	100	04
6.	M110501	Building Materials & Composites	75	25	100	03
7.	M110503	Strength of Materials	75	25	100	04
8.	M110504	Fluid Mechanics	75	25	100	04

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Scheme of Examination
B. Tech. VIII Semester (Minor Specialization in Civil Engineering)

For batch admitted in academic session July, 2022

S. No	Subject Code	Subject Name	Theory MOOC			Credits
			End Sem	Assignment/ Quiz	Total Marks	
1.	M110801	Strategies for Sustainable Design	75	25	100	04
2.	M110804	Concrete Technology	75	25	100	04
3.	M110805	Structural Analysis-1	75	25	100	04
4.	M11806	Free Surface Flow	75	25	100	04
5.	M110601	Hydraulic Engineering	75	25	100	04
6	M110602	Water & Wastewater Treatment	75	25	100	04