

MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR

**A Grant-in-Aid Autonomous Institute of Government of M.P India, Estd in 1957
(Affiliated to R.G.P.V. Bhopal M.P)**

SCHEME

(Under Flexible Curriculum)

B. Tech Civil Engineering with Honors



Admitted Batch

(2018-2022)

**DEPARTMENT OF CIVIL
ENGINEERING**

MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR

(A Govt. Aided UGC Autonomous Institute Affiliated to RGPV, Bhopal)

Scheme of Examination

B. Tech. V Semester (Civil Engineering)

For batches admitted in academic session July, 2018

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.	H110503	River Engineering	75	25	100	03
4.	H110504	Introduction to Multimodal Urban Transportation Systems	75	25	100	04
5.	H110505	Glasses in Buildings: Design & Applications	75	25	100	04

MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR

(A Govt. Aided UGC Autonomous Institute Affiliated to RGPV, Bhopal)

Scheme of Examination

B. Tech. VI Semester (Civil Engineering)

For batches admitted in academic session July, 2018

S. No	Subject Code	Subject Name	Theory MOOC			Credits
			End Sem	Assignment/ Quiz	Total Marks	
1.	H110601	Structural Dynamics	75	25	100	04
2.	H110602	Geology & Soil Mechanics	75	25	100	04
3.	H110603	Urban Transportation System Planning	75	25	100	04

MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR

(A Govt. Aided UGC Autonomous Institute Affiliated to RGPV, Bhopal)

Scheme of Examination

B. Tech. VII Semester (Civil Engineering)

For batches admitted in academic session July, 2018

S. No	Subject Code	Subject Name	Theory MOOC			Credits
			End Sem	Assignment/ Quiz	Total Marks	
1.	H110701	Theory of Elasticity	75	25	100	04
2.	H110702	Earthquake Resistant Design of Foundations	75	25	100	03
3.	H110703	Sustainable Transportation Systems	75	25	100	04

MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR

(A Govt. Aided UGC Autonomous Institute Affiliated to RGPV, Bhopal)

Scheme of Examination

B. Tech. VIII Semester (Civil Engineering)

For batches admitted in academic session July, 2018

S. No	Subject Code	Subject Name	Theory MOOC			Credits
			End Sem	Assignment/ Quiz	Total Marks	
1.	H110801	Probability Methods in Civil Engineering	75	25	100	04
2.	H110802	Soil Structure Interaction	75	25	100	04
3.	H110803	Retrofitting & Rehabilitation of Civil Infrastructure	75	25	100	04
4.	H110804	Digital Land Surveying & Mapping	75	25	100	03