

**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

(2021-2025)

**DEPARTMENT OF CIVIL
ENGINEERING**

MADHAV INSTITUTE OF TECHNOLOGY & SCIENCE, GWALIOR
Deemed University
(NAAC Accredited with A++)

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

For batches admitted in academic session July, 2021

| 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 |

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

For batches admitted in academic session July, 2021

| 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 batches admitted in academic session July, 2021

| 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. | M110501 | Building Materials & Composites | 75 | 25 | 100 | 03 |
| 4. | M110503 | Strength of Materials | 75 | 25 | 100 | 04 |
| 5. | M110504 | Fluid Mechanics | 75 | 25 | 100 | 04 |

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

For batches admitted in academic session July, 2021

| 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. | M110802 | Rural Water Resources Management | 75 | 25 | 100 | 04 |
| 3. | M110804 | Concrete Technology | 75 | 25 | 100 | 04 |
| 4. | M110803 | Structural Analysis-1 | 75 | 25 | 100 | 04 |
| 5. | M110601 | Hydraulic Engineering | 75 | 25 | 100 | 04 |
| 6. | M110602 | Water & Wastewater Treatment | 75 | 25 | 100 | 04 |