



Shri Vaishnav Vidyapeeth Vishwavidyalaya
Master of Technology M Tech. (Structural Engineering)
Choice Based Credit System (CBCS)

SEMESTER - I

| SEMESTER - I | | | | | | | | | | | | |
|---|--------------|--|-------------------------------|---------------------|----------------------------|-------------------------------|----------------------------|----------------------|---|----|---------|-------------|
| S. No. | COURSE CODE | COURSE NAME | EXAMINATION SCHEME | | | | | TEACHING SCHEME/WEEK | | | CREDITS | TOTAL MARKS |
| | | | THEORY | | | PRACTICAL | | Th | T | P | | |
| | | | End Sem University Exam (60%) | Two Term Exam (20%) | Teachers Assessment* (20%) | End Sem University Exam (60%) | Teachers Assessment* (40%) | | | | | |
| 1 | MTCE1101 | Advance Mathematics And Numerical Analysis | 60 | 20 | 20 | - | - | 3 | 1 | 0 | 4 | 100 |
| 2 | MTCE1102 | Advance Concrete Technology | 60 | 20 | 20 | 30 | 20 | 3 | 1 | 2 | 5 | 150 |
| 3 | MTCE1103 | Theory & Design of Concrete Structures | 60 | 20 | 20 | 30 | 20 | 3 | 1 | 2 | 5 | 150 |
| 4 | Elective -I | Advanced Structural Analysis | 60 | 20 | 20 | - | - | 3 | 1 | 0 | 4 | 100 |
| 5 | Elective -II | Theory of Elasticity & Plasticity | 60 | 20 | 20 | - | - | 3 | 1 | 0 | 4 | 100 |
| 6 | MTCE1108 | Comprehensive Viva | - | - | - | 100 | - | 0 | 0 | 8 | 4 | 100 |
| 7 | MTCE1109 | Software Lab | - | - | - | - | 50 | 0 | 0 | 4 | 2 | 50 |
| 8 | MTCE1110 | GD/Seminar | - | - | - | - | 50 | 0 | 0 | 4 | 2 | 50 |
| | | | 300 | 100 | 100 | 160 | 140 | 15 | 5 | 20 | 30 | 800 |
| Legends: Th - Theory ; T - Tutorial/Teacher Guided Student Activity ; P - Practical | | | | | | | | | | | | |

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| Elective-I | |
|------------|------------------------------|
| MTCE1104 | Advanced Structural Analysis |
| MTCE1106 | Theory of Vibrations |

| Elective-II | |
|-------------|--|
| MTCE1105 | Theory of Elasticity & Plasticity |
| MTCE1107 | Stability Theory in Structural Engineering |

*Teacher Assessment shall be based following components: Quiz/Assignment/Project/Participation in Class, given that no component shall exceed more than 10 marks.


Chairperson
Board of Studies
Shri Vaishnav Vidyapeeth Vishwavidyalaya
Indore


Registrar
Shri Vaishnav Vidyapeeth
Vishwavidyalaya, Indore