



SARVEPALLI RADHAKRISHNAN UNIVERSITY, BHOPAL

Grading System

Department of Civil Engineering

Structural Engineering Scheme of Examination as Per AICTE Model Curriculum w.e.f. July 2020

For students admitted in July 2020 Batch onward

Semester-I/Year: I

| S. No. | Subject Code | Subject Name | Category | Maximum Marks Allotted | | | | | Hours/Week | | | Credit | Total Marks |
|--------------|--------------|------------------------------|------------------|------------------------|------------|------------------|------------|------------|------------|----------|----------|-----------|-------------|
| | | | | Theory | | | Practical | | L | T | P | | |
| | | | | End Sem. | Mid Sem | Quiz, Assignment | End Sem | Lab work | | | | | |
| 1 | MTSTE11 | Advanced Structural Analysis | Core | 100 | 30 | 30 | | | 3 | 1 | | 4 | 160 |
| 2 | MTSTE12 | Advanced Solid Mechanics | Core | 100 | 30 | 30 | | | 3 | 1 | | 4 | 160 |
| 3 | MTSTE13 | Research Methodology and IPR | MLC | 100 | 30 | 30 | | | 3 | 1 | | 4 | 160 |
| 4 | MTSTE14 | Elective I | Program Elective | 100 | 30 | 30 | | | 3 | 1 | | 4 | 160 |
| 5 | MTSTE15 | Elective II | Program Elective | 100 | 30 | 30 | | | 3 | 1 | | 4 | 160 |
| 6 | MTSTE16 | Audit Course -1 | Audit | | | | | | 2 | | | | 0 |
| 7 | MTSTE17 | Concrete Technology Lab. | Core Lab | | | | 50 | 50 | | | 4 | 2 | 100 |
| 8 | MTSTE18 | Structural Design Lab-I | Core Lab | | | | 50 | 50 | | | 4 | 2 | 100 |
| TOTAL | | | | 500 | 150 | 150 | 100 | 100 | 17 | 5 | 8 | 24 | 1000 |

L: Lecture

T: Tutorial

P: Practical



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Semester-II/Year: I

| S. No. | Subject Code | Subject Name | Category | Maximum Marks Allotted | | | | | Hours/Week | | | Credit | Total Marks |
|--------------|--------------|------------------------|------------------|------------------------|------------|------------------|------------|------------|------------|----------|----------|-----------|-------------|
| | | | | Theory | | | Practical | | L | T | P | | |
| | | | | End Sem. | Mid Sem | Quiz, Assignment | End Sem | Lab work | | | | | |
| 1 | MTSTE21 | Finite Element Method | Core | 100 | 30 | 30 | | | 3 | 1 | | 4 | 160 |
| 2 | MTSTE22 | Structural Dynamics | Core | 100 | 30 | 30 | | | 3 | 1 | | 4 | 160 |
| 3 | MTSTE23 | Mini project | Core | | | | 100 | 60 | 3 | 1 | | 4 | 160 |
| 4 | MTSTE24 | Elective III | Program Elective | 100 | 30 | 30 | | | 3 | 1 | | 4 | 160 |
| 5 | MTSTE25 | Elective IV | Program Elective | 100 | 30 | 30 | | | 3 | 1 | | 4 | 160 |
| 6 | MTSTE26 | Audit Course -II | Audit | | | | | | 2 | | | | 0 |
| 7 | MTSTE27 | Model Testing Lab | Core Lab | | | | 50 | 50 | | | 4 | 2 | 100 |
| 8 | MTSTE28 | Numerical Analysis Lab | Core Lab | | | | 50 | 50 | | | 4 | 2 | 100 |
| TOTAL | | | | 400 | 120 | 120 | 200 | 160 | 17 | 5 | 8 | 24 | 1000 |

L: Lecture

T:Tutorial

P:Practical



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Semester-III/Year: II

| S. No. | Subject Code | Subject Name | Maximum Marks Allotted | | | | | Hours/Week | | | Credit | Total Marks |
|--------------|--------------|------------------------|------------------------|---------|------------------|-----------|----------|------------|---|----|--------|-------------|
| | | | Theory | | | Practical | | L | T | P | | |
| | | | End Sem. | Mid Sem | Quiz, Assignment | End Sem | Lab work | | | | | |
| 1 | MTSTE31 | Elective V | 100 | 30 | 30 | | | 4 | 1 | | 5 | 160 |
| 2 | MTSTE32 | Open Elective 1 | 100 | 30 | 30 | | | 4 | 1 | | 5 | 160 |
| 3 | MTSTE32 | Dissertation (Phase-1) | | | | 400 | 280 | | | 20 | 10 | 680 |
| TOTAL | | | 200 | 60 | 60 | 400 | 280 | 8 | 2 | 20 | 20 | 1000 |

L: Lecture

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Semester-IV /Year: II

| S. No. | Subject Code | Subject Name | Maximum Marks Allotted | | | | | Hours/Week | | | Credit | Total Marks |
|--------|--------------|-------------------------|------------------------|---------|------------------|-----------|----------|------------|---|----|--------|-------------|
| | | | Theory | | | Practical | | L | T | P | | |
| | | | End Sem. | Mid Sem | Quiz, Assignment | End Sem | Lab work | | | | | |
| 1 | MTSTE41 | DISSERTATION (Phase-II) | | | | 500 | 500 | | | 30 | 15 | 1000 |
| TOTAL | | | | | | 500 | 500 | 0 | 0 | 30 | 15 | 1000 |

L: Lecture

T:Tutorial

P:Practical



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