# Dr. A.P.J. Abdul Kalam University, Indore

**Grading System**

**Scheme of Examination**

**M.Tech ( Thermal Engineering )**

**Semester/Year: III Semester & IV Semester /II Year**

# Dr. A.P.J. Abdul Kalam University, Indore

**Grading System**

**Scheme of Examination**

**M.Tech ( Thermal Engineering )**

**SEMESTER : III SEMESTER**

| S.No. | Subject Code | Subject Name | Periods per week | | | Credits | Maximum Marks (Theory Slot) | | | Maximum Marks (Practical Slot) | | Total Marks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | L | T | P | | End Sem. Exam. | Tests (Two) | Assignments /Quiz | End Sem Practical/Viva | Practical Record/ Assignment/ Quiz/ Presentation | |
| 1. | MMTP 301 | Elective I | 3 | 1 | - | 4 | 70 | 20 | 10 | - | - | 100 |
| 2. | MMTP 302 | Elective II | 3 | 1 | - | 4 | 70 | 20 | 10 | - | - | 100 |
| 3. | MMTP 303 | Seminar | - | - | 4 | 4 | - | - | - | - | 100 | 100 |
| 4. | MMTP 304 | DissertationPart-I (Literature Review/Problem Formulation/ Synopsis) | - | - | 8 | 8 | - | - | - | 120 | 80 | 200 |
| | | Total | 6 | 2 | 12 | 20 | 140 | 40 | 20 | 120 | 180 | 500 |

**L: Lecture -T: Tutorial -P: Practical**

**Elective I**

**A) Computer Aided Design of Thermal System**

**B) Engine System Modelling and Analysis**

**Elective II**

**A) Gas Flow Through Turbo Machines**

**B) Non Conventional Energy Sources**

**Pumps, Blowers and Compressors**

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**SEMESTER : IV SEMESTER**

| S.No. | Subject Code | Subject Name | Periods per week | | | Credits | Maximum Marks (Theory Slot) | | | Maximum Marks (Practical Slot) | | Total Marks |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | L | T | P | | End Sem. Exam. | Tests (Two) | Assignments /Quiz | End Sem. Practical/Viva | Practical Record/ Assignment/Quiz /Presentation | |
| 1. | MMTP 401 | Dissertation Part-II | - | - | 20 | 20 | - | - | - | 300 | 200 | 500 |
| | | Total | - | - | 20 | 20 | - | - | - | 300 | 200 | 500 |

**L: Lecture - T: Tutorial - P: Practical**