

GOVERNMENT OF RAJASTHAN
BOARD OF TECHNICAL EDUCATION, RAJASTHAN, JODHPUR
 TEACHING AND EXAMINATION SCHEME FOR
Diploma III Year MECHANICAL ENGINEERING
ANNUAL SCHEME SESSION 2012-2013 & ONWARDS

| Code No. | Subjects | Distribution of Time | | | | Distribution of Max. Marks/ Duration | | | | | | | Total Marks |
|----------|-------------------------------------|----------------------|----------|-----------|-----------|--------------------------------------|-----------|------------|-----------|------------|------------|------------|-------------|
| | | Hours per week | | | | Board's Exam. | | | | Sessional | | | |
| | | L | T | P | Tot | TH | Hrs. | PR | Hrs. | CT | TU | PR(S) | |
| ME 301 | Refrigeration and Air Conditioning | 2 | -- | 2 | 4 | 70 | 3 | 50 | 3 | 30 | -- | 50 | 200 |
| *ME 302 | Processes In Manufacturing | 2 | -- | 2 | 4 | 70 | 3 | -- | -- | 30 | -- | 50 | 150 |
| ME 303 | Thermal Engineering & Heat Transfer | 2 | -- | 2 | 4 | 70 | 3 | -- | -- | 30 | -- | 50 | 150 |
| *ME 304 | CNC Machines & Automation | 2 | -- | 2 | 4 | 70 | 3 | -- | -- | 30 | -- | 50 | 150 |
| *ME 305 | Power Generation | 2 | 2/2 | -- | 3 | 70 | 3 | -- | -- | 30 | 50 | -- | 150 |
| *ME 306 | Advance Workshop Techniques | 2 | -- | 3 | 5 | 70 | 3 | 50 | 3 | 30 | -- | 50 | 200 |
| *ME307 | Industrial Engineering | 2 | 2/2 | -- | 3 | 70 | 3 | -- | -- | 30 | 50 | -- | 150 |
| ME 308 | Machine Design | 2 | 2/2 | -- | 3 | 70 | 3 | -- | -- | 30 | 50 | -- | 150 |
| ME 309 | Mechanical Estimating & Costing | 2 | 2/2 | -- | 3 | 70 | 3 | -- | -- | 30 | 50 | -- | 150 |
| *ME 310 | Management & Entrepreneurship | 2 | 1 | -- | 3 | 70 | 3 | -- | -- | 30 | 50 | -- | 150 |
| | Practical Training | -- | -- | -- | -- | -- | -- | 100 | -- | -- | -- | -- | 100 |
| | PROJECT | -- | -- | -- | -- | -- | -- | 100 | -- | -- | -- | -- | 100 |
| | Total | 20 | 5 | 11 | 36 | 700 | -- | 300 | -- | 300 | 250 | 250 | 1800 |
| | | | | | | | | | | | | | 1800 |

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|-------|---|--|----------|---|--|
| 1. L | : | Lecture | 5. PR | : | Marks for Board's Examination for Practicals |
| 2. T | : | Tutorial | 6. CT | : | Marks for Class Tests |
| 3. P | : | Practical | 7. TU | : | Marks for Tutorials |
| 4. TH | : | Marks for Board Examination for Theory | 8. PR(S) | : | Marks for Practical and Viva |

*ME302/*ME305/*ME306 same as *MA302/*MA305/*MA306

*ME307 same as MP 307

*ME304 same as MA304/MP304

*ME310 Common to all branches except CC/CE/CS/EE/ IT/MA/MR