

GOVERNMENT OF RAJASTHAN
BOARD OF TECHNICAL EDUCATION, RAJASTHAN, JODHPUR
 TEACHING AND EXAMINATION SCHEME FOR
Diploma II Year MECHANICAL (R.A.C) ENGINEERING
SCHEME SESSION 2011 -2012 & ONWARDS

| Code No. | Subjects | Distribution of Time | | | | Distribution of Max. Marks/ Duration | | | | | | | Total Marks |
|----------------------|----------------------------------|----------------------|----------|-----------|-----------|--------------------------------------|------|------------|------|------------|------------|------------|-------------|
| | | Hours per week | | | | Board's Exam. | | | | Sessionals | | | |
| | | L | T | P | Tot | TH | Hrs. | PR | Hrs. | CT | TU | PR(S) | |
| MR 201 | Basic Refrigeration | 2 | -- | 2 | 4 | 70 | 3 | 50 | 3 | 30 | -- | 50 | 200 |
| MR 202 | Basic Air Conditioning | 2 | -- | 2 | 4 | 70 | 3 | 50 | 3 | 30 | -- | 50 | 200 |
| MR 203 | Heat Transfer | 2 | 2/2 | -- | 3 | 70 | 3 | -- | -- | 30 | 50 | -- | 150 |
| * MR 204 | Thermal Engineering | 2 | -- | 2 | 4 | 70 | 3 | -- | -- | 30 | -- | 50 | 150 |
| MR 205 | R.A.C. Drawing | -- | -- | 3 | 3 | -- | -- | 50 | 3 | -- | -- | 100 | 150 |
| MR 206 | Electrical Engineering | 2 | -- | 2 | 4 | 70 | 3 | -- | -- | 30 | -- | 50 | 150 |
| MR 207 | Fluid Engineering | 2 | -- | 2 | 4 | 70 | 3 | -- | -- | 30 | -- | 50 | 150 |
| MR 208 | Maintenance & Safety Engineering | 1 | -- | 2 | 3 | 70 | 3 | -- | -- | 30 | -- | 50 | 150 |
| MR 209 | Entrepreneurship Development | 2 | 2/2 | -- | 3 | 70 | 3 | -- | -- | 30 | 50 | -- | 150 |
| * MR 210 | C- Programming | 2 | -- | 2 | 4 | 70 | 3 | -- | -- | 30 | -- | 50 | 150 |
| | Total | 17 | 2 | 17 | 36 | 630 | | 150 | | 270 | 100 | 450 | 1600 |
| Grand Total : | | | | | | | | | | | | | 1600 |

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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 |

* MR204 same as MP204

* MR 210 same in all branches except AR/CC/CE/CS/ EE /IT