



INSTITUTE OF TECHNOLOGY
& MANAGEMENT
GWALIOR • MP • INDIA

“THINK BIG... THINK BEYOND”

Department of Mechanical Engineering

2020-21

| CO Academic Year 2020-21 | | | | |
|--------------------------|--|-------------|--------|---------------|
| S.N. | Course Name | Course Code | Target | CO Attainment |
| First Year | | | | |
| 1. | Engineering Physics | BT 201 | 1.85 | 2.38 |
| 2. | Engineering Mathematics-I | BT 102 | 1.5 | 2.22 |
| 3. | Basic Mechanical Engineering | BT 203 | 2 | 2.74 |
| 4. | Basic Civil Engineering and Mechanics | BT 204 | 1.85 | 2.39 |
| 5. | Basic Computer Engineering | BT 205 | 1.65 | 2.16 |
| 6. | Language Lab and Seminar | BT 206 | 2.5 | 2.90 |
| 7. | Engineering Chemistry | BT 101 | 1 | 2.37 |
| 8. | Engineering Mathematics-II | BT 202 | 1.7 | 0.96 |
| 9. | English for Communication | BT 103 | 1 | 2.39 |
| 10. | Basic Electrical and Electronics Engineering | BT 104 | 1.8 | 2.23 |
| 11. | Engineering Graphics | BT 105 | 1.6 | 0.54 |
| 12. | Manufacturing Practices | BT 106 | 2.91 | 3 |
| 13. | Swachh Bharat Summer Internship | BT 108 | 1.5 | 2.87 |
| Second Year | | | | |
| 14. | Engineering Mathematics-III | BT 301 | 1.6 | 2.07 |
| 15. | Engineering Thermodynamics | ME 302 | 1.1 | 2.46 |
| 16. | Materials Technology | ME 303 | 1 | 2.54 |
| 17. | Strength of Materials | ME 304 | 1 | 2.45 |


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|-------------------|---------------------------------------|--------|------|------|
| 18. | Manufacturing Process | ME 305 | 1 | 2.3 |
| 19. | Thermal Engineering Lab | ME 306 | 2 | 2.77 |
| 20. | Internship-I | BT 107 | 1.9 | 2.97 |
| 21. | EEES | ES 401 | 1.6 | 2.48 |
| 22. | Instrumentation and Control | ME 402 | 1.5 | 2.41 |
| 23. | Theory of Machine | ME 403 | 1.5 | 2.57 |
| 24. | Fluid Mechanics | ME 404 | 1.5 | 2.22 |
| 25. | Manufacturing Technology | ME 405 | 1 | 2.20 |
| 26. | Software Lab | ME 406 | 2 | 2.4 |
| Third Year | | | | |
| 27. | Internal Combustion Engine | ME 501 | 1.5 | 2.38 |
| 28. | Mechanical Vibration | ME 502 | 1.5 | 2.69 |
| 29. | Dynamics of Machine | ME 503 | 1.5 | 2.80 |
| 30. | Industrial Engineering and Ergonomics | ME 504 | 2 | 2.54 |
| 31. | FEM/CFD Lab | ME 505 | 2 | 2.95 |
| 32. | Python | ME 506 | 1.6 | 2.97 |
| 33. | Internship-II | BT 407 | 1.75 | 2.85 |
| 34. | Minor Project -I | ME 508 | 2.91 | 2.95 |
| 35. | Thermal Engineering and Gas Dynamics | ME 601 | 2 | 2.53 |
| 36. | Machine Component and Design | ME 602 | 1.6 | 2.50 |
| 37. | Turbomachinery | ME 603 | 1.6 | 1.59 |
| 38. | Renewable Energy Technology | ME 604 | 2 | 2.84 |
| 39. | CAD Lab | ME 605 | 1.5 | 2.39 |
| 40. | RDBMS Lab | ME 606 | 1.7 | 2.4 |


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|----------------------------|---|--------|-----|------|
| 41. | Minor Project II | ME 608 | 2.8 | 2.98 |
| 4th Year | | | | |
| 42. | Heat and Mass Transfer | ME 701 | 1.5 | 2.20 |
| 43. | Advanced Manufacturing Process | ME 702 | 1.5 | 2.89 |
| 44. | Operation Research and Supply Chain | ME 703 | 1.5 | 2.68 |
| 45. | Simulation lab | ME 704 | 1.5 | 2.98 |
| 46. | MATLAB and R Programming | ME 705 | 1.5 | 2.96 |
| 47. | Major Project I | ME 706 | 1.6 | 3 |
| 48. | Internship III | ME 607 | 1.6 | 3 |
| 49. | Refrigeration and Air Conditioning | ME 801 | 1.6 | 1.59 |
| 50. | Automobile Engineering | ME 802 | 1.5 | 2.46 |
| 51. | Energy conversion and Management Audit | ME 803 | 1.5 | 2.64 |
| 52. | CAD/CAM Lab | ME 804 | 1.6 | 2.88 |
| 53. | Major Project II | ME 805 | 1.6 | 2.88 |


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