Course Flow chart for M. Tech Mechanical Engineering (Thermal Engineering)

Semester 1

- Advanced Numerical Techniques and Computer Programming 16MA 503T Credits: 4
- Advanced Numerical Techniques and Computer Programming 16MA 503P Credits: 1
- Advanced Fluid Mechanics 16ME 501T Credits: 3
- Advanced Engineering Thermodynamics 16ME 502T Credits: 3
- Thermal Lab-I 16ME 503P Credits: 2
- Elective I Air conditioning 16ME 510T Credits: 3
- Elective II Cryogenics 16ME 512T Credits: 3

Semester 2

- Computational fluid Dynamics 16ME 506T Credits: 3
- Computational fluid Dynamics 16ME 506P Credits: 1
- Experimental Methods 16ME 504T Credits: 3
- Experimental Methods 16ME 504T Credits: 3
- Thermal Lab-II 16ME 507P Credits: 2
- Elective III Heat Transfer Equipment Design 17ME 512T Credits: 3
- Elective IV Sollar Thermal System Equipment Design 17ME 512T Credits: 3
- Course on successful Research Development Program 17CE 527T Credits: 2

Semester 3

- Seminar MT 611 Credits: 5
- Project MT 602 Credits: 14
- Industrial Training MT 604 Credits: 0

Semester 4

- Seminar MT 621 Credits: 5
- Project and Dissertation MT 622 Credits: 24

Legend:
- Core
- Basic Science
- Dept. Elective
- Core from other Disciplines