



ADARSH MANAGEMENT INSTITUTE OF INDIA

M.Tech in Mechanical Engineering

Course Name: M.Tech in Mechanical Engineering

Duration: 2 Years

Eligibility: The eligibility criteria for pursuing a master's degree are holding a bachelor's degree in (B.E/B.Tech) or any other equivalent branches of engineering. The duration for this course is 2 years

First Semester	Second Semester
1. Machine Vibration Analysis 2. Advanced Mechanics of Solids 3. Concurrent Engineering 4. Management of Technology	6. Applied Elasticity and Plasticity 7. Finite Elements Methods In Engineering 8. Mechanical Estimating & Costing 9. Materials Management & Materials Costing
Third Semester	Fourth Semester
1. Jig and Fixtures Design 2. Mechatronics 3. Industrial Automation 4. Quality Control and Reliability Engineering	4. ELECTIVE
LIST OF ELECTIVES	

Mechanical Design

1. Thermal System Design
2. Design Of Machinery
3. Mechanical Engineering Design
4. Project

Production Technology

1. Metal Forming Technology
2. Machine Tool Design
3. CAD/CAM
4. Project

Thermal Engineering

1. Advanced Thermodynamics
2. Refrigeration and Air Conditioning Technology
3. Steam and Gas Turbines
4. Project