



ADARSH MANAGEMENT INSTITUTE OF INDIA

M.Tech in Automobile Engineering

Course Name: M.Tech in Automobile 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
- Design of Experiments & Research Methodology - Automotive Engines & Emission - Theory of Elasticity & Reliability - Elective – I - Project I	- Engine Design - Chassis & Body Engg. - Vehicle Dynamics - Noise & Vibration - Elective – II - Project II
Third Semester	Fourth Semester
- Vehicle Instrumentation & Testing - Computer Aided Vehicle Design - Elective III - Project III - Dissertation – Phase I	- Dissertation FINAL Phase - Project IV
LIST OF ELECTIVES	
Elective I - Finite Element Analysis - Hydraulic & Pneumatic Systems - Automobile Air Conditioning	Elective II - Human Resource Development - Advanced Automotive Electronics - Automotive Maintenance & Management - Tribology
Seventh Semester	
Elective III - Combustion Engineering - Numerical analysis and optimization - Design of bearings and shaft - Computational fluid dynamics	