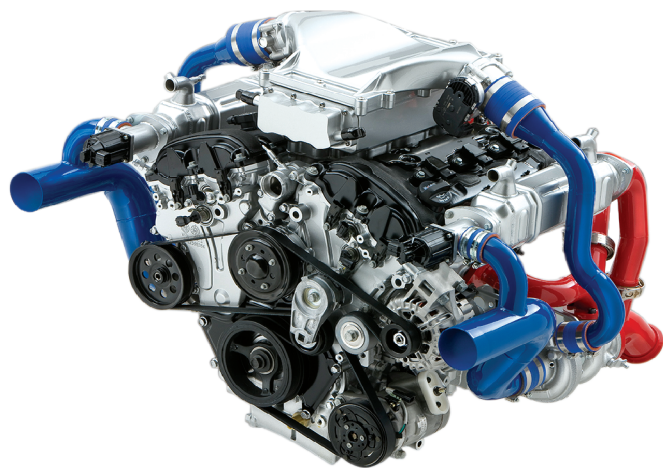


Announces M.Tech Admissions

These programmes intend to develop a new breed of postgraduate engineers required for the task of design and development in modern automotive industry. It is a two-year programme, first year being spent at VELTECH and the second year at ARAI.

M.Tech. Internal Combustion Engines



Preferred Industry
Program Partner (PIPP)



Ricardo India Pvt. Ltd., Pune

Foundation Course

- Mathematical Methods For Engineering

Program Core

- Applied Thermodynamics & Heat Transfer
- Applied Fluid Mechanics & Gas Dynamics
- I.C. Engines
- Combustion in Engines
- Engine Simulation
- Engine Design and Development
- Engine Electronics and Management System
- Computer Aided Engineering
- Computer Aided Engineering Lab
- I.C. Engines Lab
- Vehicle Testing & Emission lab

Program Elective

Automotive Engineering | Computational Fluid Dynamics | Engine Testing and Certification | Hydrogen Engine Supercharging and Turbocharging | Experimental Methods and Optimization Technique | Engine Materials and Manufacturing Automotive Fuels, Lubricants and Coolants | Electric and Hybrid Vehicles | Tribology

Special Course: Soft Skill and Professional Ethics | Project Management | Automotive Fuels and Emissions | Power Train NVH

Eligibility: B.E./ B.Tech in Mechanical, Automobile, Aeronautical, Mechatronics, Production, Manufacturing Engineering or its equivalent Preference will be given to industry sponsored candidates and GATE qualified candidates.

M.Tech. Electronics Engineering (Automotive Electronics)

Foundation Course

- Advanced Mathematics and Statistics

Program Core

- Automobile Engineering
- Automotive Electrical and Electronics
- Model Based Design and RPT I
- Micro controller and Applications
- In vehicle networking and Telematics
- Embedded Design and development System
- Advanced Model Based Design and RPT II
- Battery and fuel cells
- Automotive Engineering Lab
- Micro controller Lab
- Embedded System Lab

Program Elective

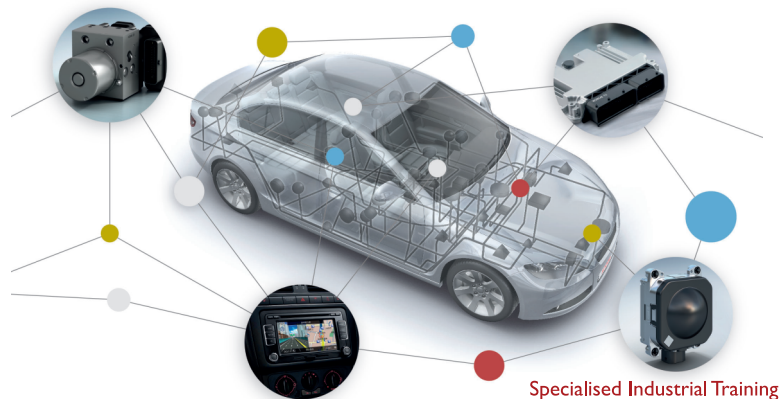
Real time operating System | Micro Electro Mechanical System | Power Train Control System

Vehicle Control System | Electric and Hybrid Vehicles | Automotive Communication Protocol | Automotive Test Instruments

Special Course: Soft Skills | Intellectual Property Rights | Project Management | Automotive and Real Time Embedded System Electromagnetic Interference and Electromagnetic compatibility

Eligibility: B.E./ B.Tech in Electronics and Communication, Electrical and Electronics, Electronics and Instrumentation, Instrumentation and Control, Automobile, Mechatronics, Electronics & Tele Communication Engineering or its equivalent. Preference will be given to industry sponsored candidates and GATE qualified candidates.

Project Work: Students will do their project work either at ARAI or in Automotive Industry



Specialised Industrial Training

ETAS



JOHN DEERE

PLACEMENT HIGHLIGHTS



PROJECT HIGHLIGHTS



ENTRANCE EXAMINATION & COUNSELING WILL BE CONDUCTED DURING THE MONTH OF JUNE / JULY. CLASSES WILL COMMENCE IN AUGUST

HOW TO APPLY: APPLICATION FORMS CAN BE DOWNLOADED FROM THE WEBSITE www.veltechuniv.edu.in OR CAN BE OBTAINED BY CONTACTING:

Program Manager

Veltech Dr.RR & Dr.SR University
400 Feet Outer Ring Road, Avadi, Chennai - 600 062, Tamil Nadu, India.
Phone :044-26840605, Cell No: 8754484200, 7338747795

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SELECTION PROCEDURE:

Based on candidates performance in entrance exam & personal interview.
For Fees and other details please visit our website.