Announces M.Tech Admissions

Vel Tech University in association with Central Institute of Road Transport (CIRT) offers a two year M.Tech. programme in Automobile Engineering with specialization in Vehicle Engineering and Transport Management. Students will spend their 1st year at Vel Tech, Chennai and 2nd year at CIRT, Pune. CIRT has a sophisticated automobile component testing laboratory, recognised by the Bureau of Indian Standards for testing a wide range of automobile components. Association of State Road Transport Undertakings (ASRTU) relies on the test reports of CIRT while awarding rate contracts to automobile component manufacturers. CIRT has been awarded the ISO 9001 and ISO 14001 Certificates by TUV Suddeutschland of Munich, Germany for the design and execution of training, research, consultancy and testing services.

M.Tech - Automobile Engineering
(Vehicle Engineering & Transport Management)

FIRST YEAR SUBJECTS AT VEL TECH

SEMESTER I
- Applied Mathematics and Numerical Methods
- Automotive Engineering Systems
- Engine Combustion and Thermodynamics
- Vehicle NVH
- Engine Tribology
- Fuel and Emissions

PRACTICAL
- Engine and Chassis Laboratory

SEMESTER II
- Vehicle Dynamics
- I.C.Engine Modeling
- Automotive Electrical & Electronics
- Materials & Manufacturing Processes for Automotive Components
- Computational Modeling and Simulation
- Automotive Transmission

PRACTICAL
- Automotive Electrical and Electronics Laboratory

SECOND YEAR SUBJECTS AT CIRT

SEMESTER III
- Vehicle Construction
- Regulatory Mechanism for Transportation Systems
- Traffic Engineering & Transport Management
- Passenger & Goods Transport Management
- Transport Economics & Business Management

PRACTICAL
- Testing of Vehicles for Quality Assurance
- Component Testing for Quality Assurance

SEMESTER IV
- Project In Industry

PROJECT WORK:
Students will do their project work at CIRT or in a core Automotive Industry depending upon their placement.

ELIGIBILITY
B.E / B.Tech in Mechanical, Automobile or its equivalent courses.

SELECTION PROCEDURE:
Based on candidates performance in entrance exam and personal interview.

For Fees and others details please visit our website.

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

Website: www.veltechuniv.edu.in