



# SRI VENKATESHWARA COLLEGE OF ENGINEERING

## **RESEARCH FACILITIES**

# FACILITIES @ Mechanical R&D UNIT



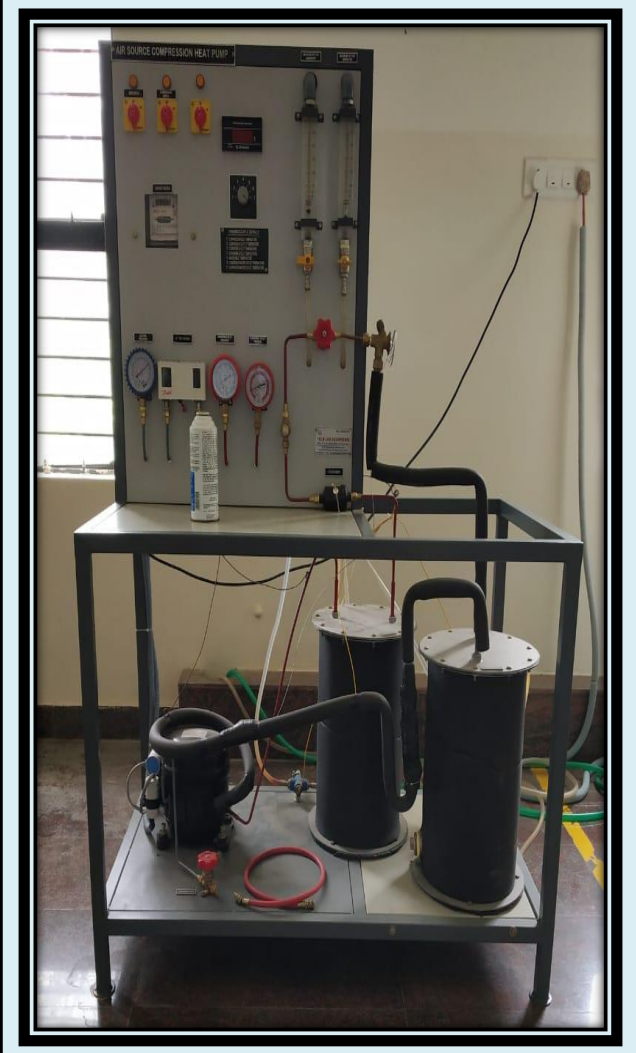
**Biofuel Reactor (For Optimization of production parameters)**



**Engine Emission Testing Equipments**



**Multicylinder Diesel Engine Test Rig (Engine: Toyota Etios Model)**



**Heat Pump test rig**



# BIO FUEL R & D UNIT



SOXHLET EXTRACTION



SEMI AUTOMATED OIL EXTRACTION UNIT



MINI OIL EXPELLER



DISTILLATION APPARATUS



TRANS-ESTERIFICATION UNIT



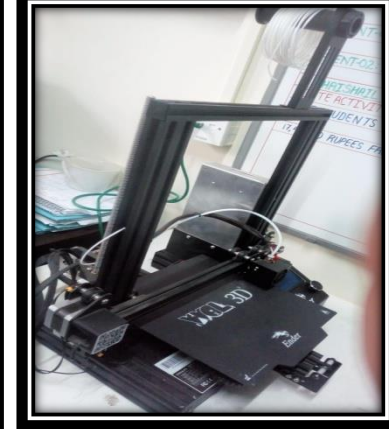
BIO FUEL LAB



WEAR TESTING RIG



MUFFLE FURNACE



3D PRINTER



COMPUTERIZED FOUR STROKE DIESEL ENGINE TEST RIG

# FACILITIES @ CIVIL R&D UNIT



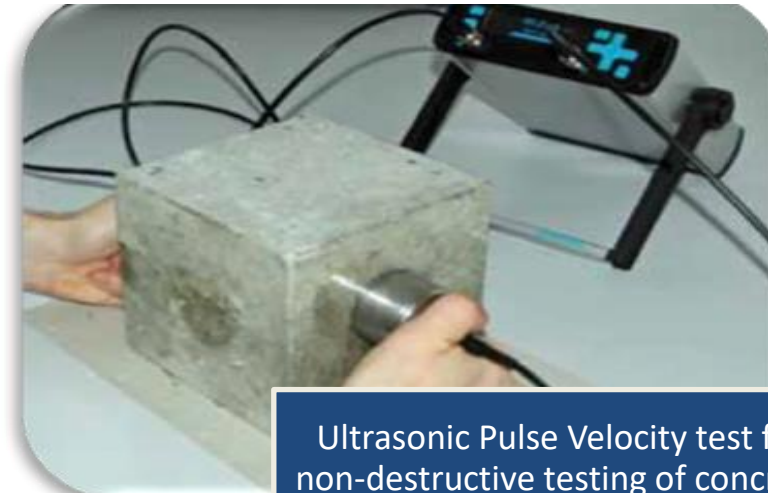
Loading frame for testing structural elements



Universal Testing Machine for testing Structural Elements



Compression testing Machine for testing concrete cubes and cylinders



Ultrasonic Pulse Velocity test for non-destructive testing of concrete





Rebound Hammer for Non-Destructive Testing of Concrete



Flexural testing machine for testing flexural strength of concrete



Concrete Permeability test equipment



Brick Making Machine



Total Station for advanced Surveying

# FACILITIES @ ECE R&D UNIT



Digital Storage Oscilloscope



Function generator



Cisco Rack Server 1 and 2

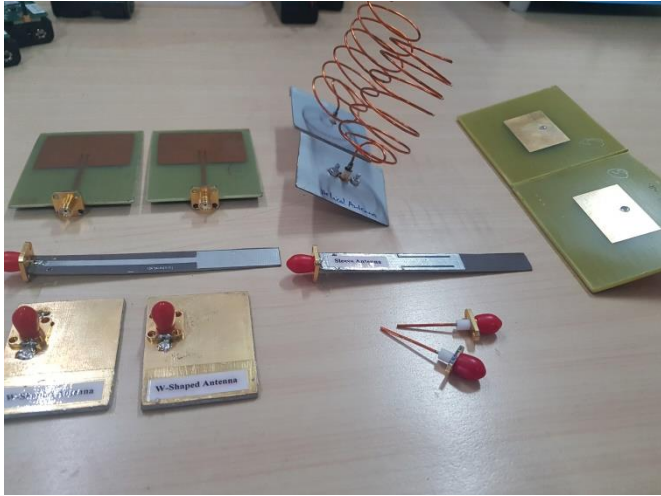


Advanced Wireless Module

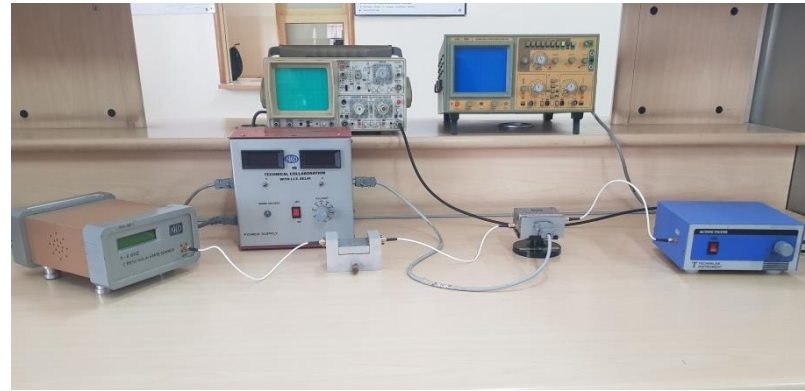


Advanced sensor units





**Types of ANTENNAS**



**Microwave testing set up**



**Metering units**



**VSWR Meter**

# FACILITIES @ CSE R&D UNIT



Blade servers and high-performance workstations for Research.