

Let's start with the most basic form of self-introduction.

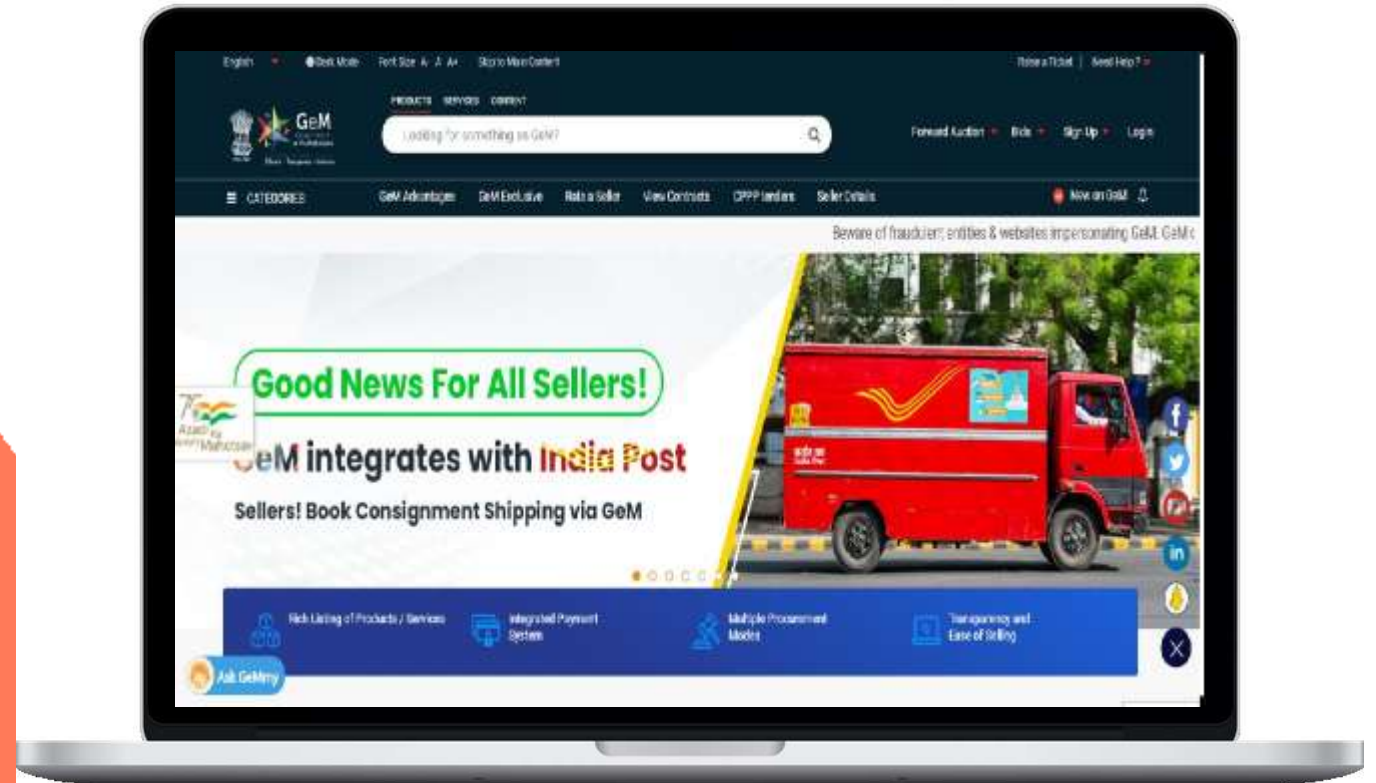
GOLDSYS ENGINEERING PVT. LTD.

Manufacturer & Supplier of Technical Education Equipments
AN ISO 9001:2000, 14001:2015 & 45001:2018 Certified Company



We are Registered On GEM also We are One of the Best Seller of the India

- ✓ Lowest Price
- ✓ Best Quality
- ✓ Long Time Working



Company Summary

We feel pleasure to introduce ourselves as one of the leading and competitive manufacturer and supplier of various types of Lab equipments for Mechanical & Civil Engineering Department in various Engineering Colleges, IITs, NITs and Research Institutes.

FLUID MECHANICS LAB: Reynolds apparatus, Notch apparatus, Pitot tube apparatus, Nozzle meter, Bernoulli's Theorem apparatus, Pipe Fitting apparatus, Impact of Jet apparatus, Pipe Friction apparatus, Pitot Tube apparatus, Venturimeter and Orifice meter apparatus.

FLUID MACHINES LABORATORY: Centrifugal Pump Test Rig, Reciprocating pump Test Rig, Gear Pump Test Rig, Pelton Wheel Turbine Test Rig, Francis Turbine Test Rig, Kaplan Turbine Test Rig, Hydraulic Ram Apparatus and Models of Runner, Blower, Pump, Impellers etc.

HEAT ENGINE LABORATORY: Single cylinder Petrol Engine Test Rig, Single cylinder Diesel Engine Test Rig, Double cylinder Diesel Engine Test Rig, Air compressor Test Rig, Multi cylinder Petrol Engine Test Rig with Rope brake/Hydraulic/Electrical/Eddy current Dynamometer, Multi cylinder Diesel Engine Test Rig with Hydraulic / Electrical Dynamometer, Rotary Compressor Test Rig, MPFI Engine Test Rig with Electrical/Hydraulic Dynamometer etc & Cat sectional models assorted type.

HEAT TRANSFER LABORATORY: Heat Transfer in Natural convection, Heat Transfer in forced convection, Pin Fin apparatus, Thermal conductivity of metal rod, Thermal conductivity of liquid, Thermal conductivity of insulating powder, Stefan Boltzmann apparatus, Parallel & Counter Flow heat exchanger, Shell & Tube type heat exchanger, Film & Drop wise condensation apparatus, Heat pipe apparatus, Lagged pipe apparatus, Critical heat flux apparatus, Emissivity measurement apparatus, Cut sectional model of heat exchangers etc.

Company Summary

WORKSHOP: Lathe Machine, Milling Machine, Power Hacksaw, Slotting Machine, Shaper Machine, Pillar Drilling Machine, Bench Drilling machine, Radial Drilling machine, Pedestal Grinder etc., Welding Machines, Seam Welding Machine, Spot Welding Machine, Plasma Cutting Machine etc.

THEORY OF MACHINE LABORATORY: Motorized Gyroscope, Motorized Governor, Static & Dynamic Balancing Apparatus, Whirling of Shaft Apparatus, Epicyclic Gear Train & Holding Torque Apparatus, Journal Bearing Apparatus, Pin & Disc wear Apparatus, Universal Vibration Apparatus

REFRIGERATION AND AIR CONDITIONING LAB: Vapour Compression Refrigeration Trainer, Air Conditioning Trainer, Ice Plant Trainer, Mechanical Heat Pump, Air & Water Heat Pump, Vapour Absorption Trainer, Air Washer Trainer, Cooling Tower Trainer, Cold Storage Trainer and Sectional models of various type of compressors, Condensers, Evaporators and Cut sectional control board etc.

AUTOMOBILE LAB: Original cut sectional 1 Cylinder 2 Stroke Petrol Engine, Original cut sectional 1 Cylinder Diesel Engine, Original cut sectional 1 Cylinder 4 Stroke Petrol Engine, Original cut sectional 4 Stroke 4 Cylinder Petrol Engine Motor driven, 4 stroke 4 Cylinder Diesel Engine motor driven, Original cut sectional chassis of jeep, Original cut sectional chassis of Maruti Gypsy, Original cut sectional gear boxes (Synchromesh, Constant mesh, Differential and Automatic), Original cut sectional steering & suspension system, Working system of lightening & wiring of a 4 wheeler. Original cut sectional differential, Carburetors, Original working system of Air brake, Disk brake, Vacuum brake, Hydraulic brake, Original working system of clutch, Original cut section Fuel injection pumps (Rotary & Barrel) and various latest original cut sectional models, Working system of Battery Ignition System, Cut sectional MPFI Engine Motor driven, Magneto Ignition system and Electronic Ignition system, Cut Sectional CRDI Engine, Gas Analyzer, Smoke Meter, Wheel Balancer, Wheel Alignment Machine.

Company Summary

AUTOMATION AND ROBOTICS LAB: Hydraulic Trainer, Pneumatic Trainer, Servo Trainer, Robotic Arm Trainer, Different types of Cut Sectional Hydraulic and Pneumatic valves, Power Steering Mechanism, Direction Control Valves and Pressure Control Valves.

MATERIAL TESTING LAB: Universal Testing machine, Compression testing machine, Rockwell hardness testing machine, Vickers hardness testing machine, Brinell Hardness testing machine, Tensile testing machine, Impact testing machine, Fatigue testing machine etc.

FLUID POWER LAB : Vane type rotary pump test rig, Wind tunnel, Axial flow fan test rig, Centrifugal blower test rig, Hydraulic jack, Original cut sectional models of pump, Valves, Fittings etc.

PRODUCTION TECHNOLOGY: Lathe Tool Dynamometer, Drill Tool Dynamometer, Milling Tool Dynamometer, Grinding Tool Dynamometer.

FLUID MECHANICS LAB:



FLUID MACHINES LABORATORY



HEAT ENGINE LABORATORY



HEAT TRANSFER LABORATORY



WORKSHOP MACHINERY



THEORY OF MACHINE LABORATORY



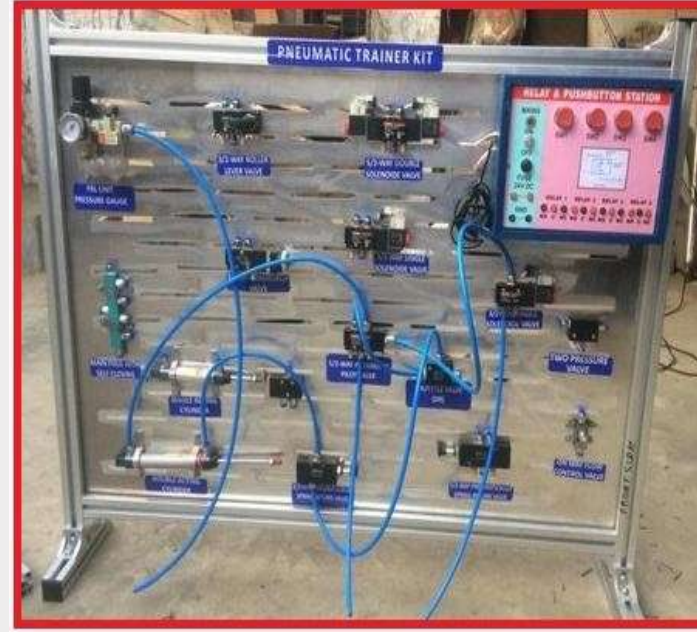
REFRIGERATION AND AIR CONDITIONING LAB



AUTOMOBILE LAB



AUTOMATION AND ROBOTICS LAB



MATERIAL TESTING LAB



FLUID POWER LAB

