



Instrumentation Engineers



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Industrial Measuring Instruments

**Thickness Gauge****Anemometer****Vibration Meter****Gauss Meter****Hardness Tester****Thickness Gauge****Stroboscope****Ultrasonic Flow Meter**

Cable Fault Locator, Earth Testers, Frequency Meter, Heating Elements, Lcr Meter, Oscilloscope, Rf Absorption Watt Meters, Sound Level Meter, Temp Monitors, Temp Recorders, Time Totaliser, Thermocouples, Tong Testers, V.A.W. Meter, Bearing Tester, Insulation Tester

Laboratory Indicator & Control Instruments

**Viscometer****Spectrophotometer****Multiparameter****Magnetic Stirrer****TDS Conductivity****Ph Meter****Online Ph /ORP****Polarimeters**

Photometer, TDS/EC/PH/CON/ Tester , Refractometer, Turbidity Meter Ph And ORP Controller, Nano Bio Photo Meter, Oxygen Meter, Vacuum Oven Ph Controller And Pump, Portable Turbidity Meter , Cod / Bod / Analyzer Nitrogen Gas & Air Generator , Bod Incubator , Ultra Violet Cabinet

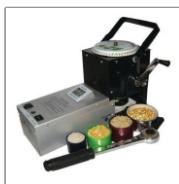


Civil Survey Construction Instruments

**Rebound Hammer****Total Station****Auto Level****Tripod & Levelling Staff****Concrete Mixer****Cube Testing Machine****Sieve Shaker****Rapid Moisture Meter**

Concrete Cutter, Concrete Vibrator, Needle Vibrator, Earth Rammer, Flakiness & Elongation Gauges , Cylindrical Measures , Aggregate Crushing, Standard Penetro Meter , Marshal Stability Test , Core Cutting Machine, Slump Test , Compaction Factor , Lab. Concrete Mixer, Cement Mortar Mixer

Agricultural Test & Measure

**Soil Nutrient****Plant Nutrition Analyzer****Soil Moisture Meter****Crop Sensor****Rain Gauge****Leaf Area Meter****Moisture Meter****Sieve Shaker**

Carbon Dioxide , Soil Hardness , Grain Moisture, Fruit Hardness Refractometer, Grain Hardness Meter, Leaf Area Meter, Soil NPK Tester , Plant Nutrition, Analyzer, Soil Testing Kit Soil Ph & Moisture Meter, Soil Tensiometer, Chlorophyll Meter



Weather Measuring Instruments

**Barometer****Wind Speed Direction****Wireless Rain Gauge****Digital Altimeter****Rain Gauge****Wind Vane****Digital Solar Meter****Weather Station**

• SOLAR • HUMIDITY • RAIN • BAROMETER

Temperature, Humidity, Wind, Rain, Heat Index And Storm Alerts, Measure Rain, Wind Speed, Wind Direction, Indoor And Outdoor, Temperature & Humidity, Wind Chill, Barometric Pressure, Time and Date.

Moisture Measuring Instruments

**Infrared Balance****Grain Moisture****Moisture Balances****Rapid Moisture Meter****Infrared Moisture****Wood Moisture****Concrete Moisture Meter****Digital Moisture**

To Determine Percentage Of Water Content Food, Drugs, Cosmetics, Cream, Soap, Tobacco, Paper, Tea, Corn, Flour, Powders, Chemicals, Raw Materials, Pharmaceutical, Coir Products, Wood, Dry Tin Foods, Fish, Pickle, Powders, Fruits, Grains, Cotton, Cream



Gas Instruments



Gas Leak Detector



Flue Gas Analyser



Methane Gas Analyser



Oxygen Meter



Halogen Leak Detector



CO2 Meter



Exhaust Gas Analyser



Hydrogen Ammonia

Breath Analyzer, Combustible Gas Monitor, Co-Detectors, Gas Analyzer, Explosive Gas Detector, Flue Gas Analyzer, Gas Leakage Tester, Halogen Leak Detector, Hexane Detector, Hydrogen Gas Leakage Tester, CO, CO₂, NO, NO₂, O₂, Ch₄,

Educational For ENGG-DIP-ITI



Micrometer Anvil Checker



Profile Projector



Thermal Conductivity



Hydraulic Test Rig



Heat Transfer



Thermal Conductivity



Educational Models



Cam Analysis Machine

Applied Lab Mechanics, Engineering Models, Heat Engine Lab Equipment, Automobile Engineering Lab Equipments, Fluid Mechanic , Heat Transfer Lab, Hydraulic Machine Lab , Theory Of Machine, Engineering Charts, Models, Trainers



Hydrology



Water Level Indicator



River Staff Gauge



Water Level Recorder



Water Level Recorder(Radar)



Echo Sounder



Flow Meter



Suspended Sediment



Water Velocity Logger

Water Level Indicator, Digital Calcium Meter, Water Level Recorder, Pressure Type /Radar Type /Water Bubbler Type Water Level Recorder, Cup Type /Propeller Type / Water Current Meter, Digital Salt Meter, Digital Sodium Meter, Water Level Indicator.

Metrology



Anemometer



Automatic Wind Monitor



Digital Rain Gauge



Wind Vane



Thermo Hygrograph



Weather Station



Pocket Barometer



Sun Shine Recorder

Digital Evaporation Recorder, Pocket Barometer, Open Pan Evaporimeter, Sunshine Recorder, Pocket Weather Meter, Co2 Meter, Rainfall Recorder, Rain Gauge, Snow Gauge, Snow Water Recorder, Stevenson Screen, Sling Psychrometer , Self Recording Rain Gauge, Thermo Hygrograph, Sound Level Meter, Digital Lux Meter, Psychrometer, Rain Gauge.



Nano & Physics

**Boltzman Apparatus****Thermal Conductivity****Dipole Meter****Probe Sonicator****Young's Modules****Di-electric Constant****Interferometer****Interferometer**

Young's Modulus Apparatus, Planck's Constant Kit, Curie Temperature Kit, Dielectric Constant Kit, B-h Curve Tracer, Forbidden Energy Gap Kit, Fourier Analysis Kit, Lattice Dynamics Kit, Stefan's Constant Kit, Boltzman, Constant Kit, Capacitance Kit, Photoelectric , Effect Apparatus

Repellents

**Terror Eyes****Bird Repeller****Solar Pest Repeller****Dog Chaser**

House, Balcony, Factory, Agriculture, Aquaculture, Sheds, Crops, Flats, Gardens, Terror Eyes, Bird Way, Flashing Strobelight, Bird Repellent, Tape Ultrasonic, Bird Lazer, Bird, Chaser, Q Blaster.



Analytical

**Digital Balances****Viscometers****Colour Tintometers****Conductivity Meters****Dissolved Oxygen Spectrophotometer****ION Meter**

Analytical Precision Weighing Balance, Brookfield Viscometer, Colour, Tintometer, Conductivity Meter, Dew Point Meter, Digital Pipette, Deuterium, Tungsten Lamp, Flame Photometer, Gas Flow Meter, G. C. / Hplc Columns, Hollow Cathode Lamps, H.p.t.l.c, Ion Meter, Leaf Area Meter, Membrane Filters, Microscopes, Ph Meter, Photoelectric Colorimeter, Syringes (fn / Rn)

Food Processing

**Millet Dehusker****Roaster****Mini Destoner****Flour Sifter Machine****Destoner Cum Grader****Flour Blender Machine****Multi Mill Pulverizers****Pulverizer**

Tea Blending Equipments, Industrial Mixing Equipment, Spirulina, Processing, Equipments, Masala Tray Dryer, Amla Candy Tray Dryer, Tutti Frutti Tray Dryer, Health Drink Tray Dryer, Ready Mix Tray Dryer, Seasoning Machine / Coating Pan, Millets Semiya Machine, Coconut Milk, Extractor, Coconut Oil Expeller, Sugar Syrup Tank / Silo, Stainless Steel Silos



Oil & Petroleum

**Bomb Calorimeter****Penetrometer****Softening Point****Red Wood Viscometer****Tar Viscometer****Flow Cup Viscometer****Flash Point****Pensky Martin**

Aniline Point App, Acidity By Extraction App, ASTM Colour Comparator, Thermometers, Breaking Point of Bitumen App, Brookfield, Viscometer, Bitumen, Extractor, Cast Iron Corrosion Test App, Corrosion Stability Test App, Constant Temp, Bath Copper Corrosion, Carbon Residue App.

Paper Testing

**Bursting Strength****Puncture Resistance****Box Compression****Paper Folding Endurance Meter****Elemendorf Tear Tester****Gsm Balance****Paper Thickness Gauge****Cobb Tester**

Ash Incinerator, Box Comprison Test App, Bursting Strength Tester, Cobb Tester, Collapse Tester For Pape Tube, Drop Tester, Elemendorf, Tear Tester, Folding Endurance Testing, Machine, Gsm Quadrant Scale, Moisture Balance, Puncture Resistance Tester, Stacking Test App. Sizing Tester, Tensile Testing Machine.



Snacks Equipment



Vegetable Cutting



Banana Slicer Machine



Potato Chips Cutter



Twist Murrkku Making



Potato Chips Processing Machine



Namkeen Machine



Batch Fryer



Halwa Making Machine

Potato Slicer, Shevaya Machine, Kurkure Making Machine, Ring Murukku Machines, Murukku Machine, Continuous, Batch Fryer, Cake Cum Groundnut Butter Machine, , Chips, Cutting

Packaging Machine



Sauce Filling



Paste Packaging



Pouch Packing



Pouch Filling



Oil Pouch Filling



Dates Par Packing



Pencil Packing



Soap Packing

Tamarind Packing Machine, Test Tube Packing Machine, Medical Container Packing, Machine, Face Mask Packing Machine, Sanitary Napkin Packing Machine, Hollow Pin Chain Packing Machine, Bearing Packing Machine, Door Magnetic Catcher Packaging Line, Door Magnetic Stopper Packaging Line. Lock Packing Machine, Iv Packing Machine, Mosquito Coil Packing Machine, Soap Packing Machine, Continios Bond Sealer



Seed & Grain



Seed Counter



Huller Mill



Seed Dryers



Seed Blower



Seed Sieve Shaker



Moisture Meter



Seed Divider



Seed Sieves

Moisture Meter, Rice/Grain Testing Lab Equipments Rice/Grain Testing Lab Equipments , Seed Grain Testing Lab Equipment Seed Grain Testing Lab Equipment, Laboratory Glassware Laboratory, Glassware Fruit Testing Equipments, Fruit Testing Equipments.

Water Testing



PH/EC/TDS Meter



Online PH/EC/TDS Meter



Tds/con/ Meter



Water Hardness Meter



Free & Total Chlorine Meter



Turbidity Meter



Water Depth Probe



D.O.METER

Agriculture, Aquarium, Boiler Cooling, Education Laboratory, Environment Food & Diary, Horticulture, Hydroponic , Pool & Spa Printing, Water Purity, Coir Pith, Effluent Water Treatment



Bakery Equipments



Flour Kneader



Bread Slicer



Single Desk Gas Oven



Cake Kneader



Planetary Mixer



Spiral Mixer



Bread Oven



Mixer Machine

Vegetable Cutter, Oil Dryer, Hot Cases Showcase, Gas & Electric Ovens, Gas Ovens, Halwa Machine, Dough Sheet.

Fruits & Juice Processing



Juice Processing Machine



Automatic Juice Machine



Mango Pulper Machine



Aloe Vera Juice Extractor Machine



Steam Jacketted Kettles



Two Stage Pulper



Juice Extractor Machine



Juice Machine

Tomato Sauce Making Plant, Snacks Making Plant, Pickles Making Machine, Health Drink Processing, Machine, Fruit Crusher, Orange Pulp Making Machine, Pulper Single Stage.



Testing Instruments For

PAINT, PRINTING INK, POWDER COATING, ADHESIVE, RESIN, THINNER, PIGMENT, VARNISH, SURFACE COATING, ETC.



Colour Tintometer



Densiometer



Centrifuge



Colour Matching



Conductivity Meter

Oil, Petroleum, Grease, Bitumen, Wax & Tar



Aniline Point



Viscometer



Kinematic Viscosity



Copper Strip Test



Hydrogauge

Pharmaceutical Equipments



Fluorimeter



Bulk Density App



Bod Incubator



Capsule Filling



Tablet Counting

Rubber Testing Instruments



Rapid Plastimeter



Shore Hardness



Tear Tester



Thickness Gauge



Tensile Testing

Plastic Testing Machine



Hardness Tester



Rotary Abrasion



Endurance Tester



Slip Tester



Resilience Tester



Testing Instruments For

MUD TESTING EQUIPMENTS



MUD SCALE



OIL & WATER RETORT KIT



RHEOMETER



WATER ANALYSIS KIT



ALKALINITY TEST KIT

PRECISION MEASURING INSTRUMENTS



DIAL GAUGE



HEIGHT GAUGE



MICROMETERS



DEPTH GAUGE



THICKNESS GAUGE

POLLUTION / ENVIRONMENT MEASUREMENT INSTRUMENTS



ANEMOMETER



DEW POINT METER



SOUND LEVEL METER



THERMOMETERS



HUMIDITY METERS

PAPER, PAPER-BOARDS, CARTONS TESTING INSTRUMENTS



COLLAPSE TESTER FOR PAPER TUBE



SIZING TESTER



DROP TESTER



MOISTURE BALANCE



FOLDING ENDURANCE TESTER

LEATHER / FOAM TESTING INSTRUMENTS



FLEXO METER



SCUFF RESISTANCE TESTER



SHRINKAGE TESTER



SPECIMEN CUTTING MACHINE



WATER VAPOUR PERMEABILITY TESTER



New Products



THERMAL IMAGER



DUST MONITOR



RADIATION METER



PARTICLE COUNTER



THERMAL IMAGING CAMERA

PROCESS CONTROL



DIGITAL PRESSURE GAUGE



DEW POINT TRANSMITTER



DEW POINT TRANSMITTER

TRANSMITTER FOR
MOISTURE IN OIL

TEMP HUMIDITY TRANSMITTER



LEVEL SENSOR



FLOW METER



PRESSURE TRANSMITTER



THERMO HYGROMETER



ULTRASONIC LEAK DETECTOR

Scientific Lab Instruments



AUTOCLAVE



BIOLOGICAL SAFETY CABINET



BLOOD BANK REFRIGERATOR



BOD INCUBATOR



BUNSEN BURNER



FLOCUULATOR



MAGNETIC STIRRER



DEEP FREEZER



FERMINATOR



INDUSTRIAL OVEN



CYCLO MIXER



INCUBATORS



HOT PLATE COUNTER



HUMIDITY CABINET



INFRA RED RAYS CABINET



Fluid Mechanics Lab

- Hydraulic Machine Lab
- Mass Transfer Lab
- Structure Analysis Lab
- Theory of Machine Lab
- Refrigeration and Air Conditioning Lab
- Thermodynamics / Air Compressor Lab
- Fuel Testing Lab Equipments
- Automobile (I.C. Engine) Lab
- I.C Engine Lab Models
- Orifice & Mouthpiece (Cc, Cv, and Cd)
- Bernoulli's Theorem Apparatus
- Pipe Friction Apparatus
- Triangular and Rectangular Notch Apparatus
- Metacentric Height Apparatus
- Impact of Jet Apparatus
- Pitot Static Tube Apparatus
- Losses in Pipe Apparatus

Hydraulic Machine Lab

- Francis Turbine Test Rig.
- Kaplan Turbine Test Rig.
- Pelton Wheel Turbine Test Rig.
- Hydraulic Ram Test Rig.
- Centrifugal Pump Test Rig.
- Reciprocating Single Stage Pump Test Rig.
- Gear Pump Test Rig./Oil Pump Test Rig.
- Open Channel (Hydraulic Flume)-4M Long

Heat & Mass Transfer Lab

- Heat Transfer From A Pin Fin Apparatus
- Thermal Conductivity Of Insulating Slab
- Stefan Boltzmann Apparatus
- Heat Transfer Through Lagged
- Pipe Heat Transfer Through Composite
- Walls Thermal Conductivity Of Liquids•
- Dropwise And Filmwise Condensation Apparatus
- Thermal Conductivity of Insulating Powder
- Emissivity Measurement Apparatus
- Parallel /Counter Flow Heat Exchanger
- Unsteady State Heat Transfer
- Unit Critical Heat Flux Apparatus

Structure Analysis Lab

- Hydraulic Machine Lab
- Maxwell Reciprocal Theorem
- Elastic Properties of Deflected Beam Apparatus
- Shear Centre Apparatus.
- Three Hinged Arch Apparatus
- Behavior of Column and Struts Apparatus
- Unsymmetrical Bending Apparatus
- Pin Joint Truss Apparatus
- Deflection of Curved Member Apparatus
- Two Hinged Arch Apparatus
- Bending Moment of Shear Force Apparatus
- Redundant Joint Apparatus
- Elastic Coupled Beam Apparatus
- Beam Model (Simple Supported Beam)
- Suspension Bridge Apparatus



Theory of Machine Lab

- Universal Vibration Apparatus
- Cam analysis apparatus
- Whirling of shaft demonstrator
- Static & Dynamic Balancing Apparatus
- Motorized Gyroscope Apparatus
- Journal Bearing Apparatus
- Universal Governor Apparatus
- Coriolli's Component of Acceleration Apparatus
- Slip & Creep Measurement Apparatus
- Epicyclic Gear Train Apparatus
- Lathe Tool Dynamometer
- Milling Tool Dynamometer
- Drilling Tool Dynamometer

Refrigeration and Air Conditioning Lab

- Refrigeration Test Rig
- Different Types of Expansion Devices
- Different Types of Evaporators
- Air-Conditioning Test Rig
- Air Washers Actual Model
- Mechanical Heat Pump Test Rig
- Cooling Tower Test Rig
- Vapor compression refrigeration system
- Ice plant Tutor.
- Cold storage Test Rig
- Train Air Condition (Package Type)
- One tone Thermax refrigeration unit
- Water Cooler Test Rig Psychrometers (Absorption type)
- Gas charging Test Rig
- Window Air Conditioner Test Rig
- Vapor compression Air conditioning Test Rig.
- Experimentation on Cold Storage of Calculate
- COP & Heat Loss
- Vapor compression Air Conditioning Test Rig
- Charging of Refrigerant by using Gas Charging Kit.
- Leak Detectors
- Air Washer Test Rig
- Electrolyze Refrigeration unit.

Thermodynamics / Air Compressor Lab

- Refrigeration Test Rig
- Centrifugal Air Compressor Test Rig
- Reciprocating Air Compressor Test Rig
- Rotary Air Compressor Test Rig
- Screw Air Compressor Test Rig
- Centrifugal Blower Test Rig
- Axial Flow Fan Test Rig
- Root Blower Test Rig
- Single Stage Reciprocating Air Compressor Test Rig
- Two Stage Reciprocating Air Compressor Test Rig
- Centrifugal Air Blower Test Rig

Fuel Testing Lab Equipments

- Hydraulic Machine Lab
- Redwood Viscometer
- Engler Viscometer Apparatus
- Saybolt Voscometer
- Softening Point Apparatus
- Pensky Martein Flash Point Apparatus
- Cleaveland Flash & Fire Point Apparatus
- Penetrometer Apparatus 7 Drop Point Of
- Bomb Calorimeter Apparatus
- Melting Point Apparatus (MODEL RAP 166)
- Distillation Apparatus MODEL RAP 140)
- Orsat Gas Analysis Apparatus
- Junker's Gas Colorimeter
- Abels Flash Point Apparatus

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