

*Welcome!*  
**Naugra Lab Equipments**

“ **Electrical Engineering Laboratory Equipments  
Manufacturers in India** ”

To know more visit at

<https://www.naugralabequipments.com/electrical-engineering-laboratory-equipments>

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# Basic Electrical Lab Instrument

Soldering Station with Digital Display

## Technical Specifications:

- **Power Consumption:**  
48 W
- **Temperature:**  
160 - 420 °C
- **Voltage:**  
220 - 240 VAC/50 Hz
- **Included with 3pcs replacement tips**

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# Basic Electrical Lab Instrument

Electrical test screwdriver

## Technical Specifications:

- Blade made of Cr-V. 100-500V AC.
- With clip.
- Super-long life Neon bulb can be used over 20,000 times.

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# Electrical Machines and Drives Lab

## Transformer Oil Set

**This set up will consists of following facilities:**

- It can be operated Manual/ Motorized.
- Input 1 ph 220V and output 0-60KV/100/KV with set brakedown voltag.
- High voltage transformer manufactured with appoxy casted.
- Oil cup provided with go and no-go gauses.
- Built in control circuit and production circuit duly wired.
- Built in Power on Indicator trip status indicator.

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# Electrical Machines and Drives Lab

## Under And Over Voltage Relay Setup

### Features:

- Current limiter and auto transfer are the continuous variables for the safety of phantom fault
- Through M.C.B power on/off system is in built to control relay testing
- Built in Trip status indicator and power on indicator
- To perform the experiments the necessary patch chords and terminals are required for the relay.
- Built in time interval meter Stop/ Start timer (Digital)
- Digital AC ammeter and AC voltmeter
- Under/Over Voltage Relay.



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# Power Electronics Laboratory Instruments

## Power Electronics Training System

### Featured

This is the combination of power, electronics, and control. It has wide the applications of solid-state electronics to the control and conversion of electric power. Popular circuits of power electronics contain rectifiers, choppers and inverters. The experimental for modules includes converter, power supply, load, control and testing modules. These experimental modules and instruments will be introduced and demonstrated in the subsequent experiments.



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# Power Electronics Laboratory Instruments

## Electrical Machine System



The electrical machines system leads students to distinguish the mechanical similarities and differences among all electrical machinaries. Students study and turn all kind of electrical machinaries into circuit models for the foundation. Moreover, it enhances students ability for furtherm employing and controlling. Besides facilitating teaching, it makes students be familiar with every kind of electrical mechanical test.

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# Renewable Energy Lab Equipment

## Wind Powered Generator

Wind Powered Generator has been designed to provide the student with the basic understanding of how wind generators function as an alternate source of energy. This system consists of a wind source, a four bladed DC wind generator, control panel and base assembly.



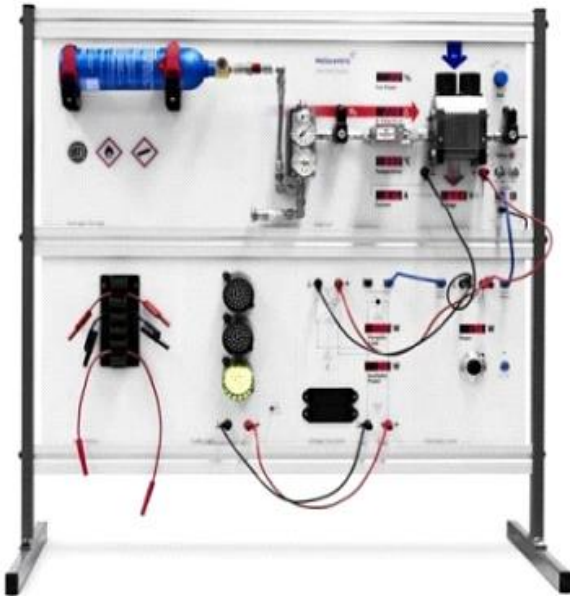
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# Renewable Energy Lab Equipment

## Fuel Cell Technology Trainer

The Fuel Cell Technology Trainer allows the student to create a grid-independent power supply that uses only hydrogen as its fuel. The system familiarizes the student with fuel cell power supply technology, an environmentally friendly method of generating power directly from a hydrogen reaction. Fuel cells are the most promising alternate energy supply and are already being used in a number of areas, including automotive engineering and power generation systems.



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# Scada Lab Equipment

## Scada System Heat Transfer Lab

The Heat Transfer Model, designed as an accessory for the , is used for the experimental investigation of heat transfer from a heated rod to an air flow. It comprises a rod oven and a copper specimen. The copper rod is heated in the oven to approx. 110°C, before it is placed in the Computer Linked Air Flow Bench. A temperature sensor is built into the specimen; this is connected to the oven and from there transmits its measured data to the Data Logging Unit. By measuring the cooling curve in a flow of air, the coefficient of heat transfer can be determined.

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# High Voltage Lab Equipment

## High Voltage Tester

- High Voltage Tester to be used for a set of high voltage up to 600kV.
- The output should be single phase 50/60Hz .
- High Voltage Tester

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# Electronics Circuits Equipment

## Advanced Digital Logic Lab

The Advanced Digital Logic Lab is designed for students and engineers interested in developing and testing prototypes circuit. The lab is included combinational logic, sequential logic, memory, ADC/DAC..etc. experiment circuits. And offer several application circuits (PWM, Timer, Motor control, etc.).

All necessary equipment for digital logic experiments such as power supply, clock generator, switches, displays are built-in on the main unit. The lab have 10 experiment modules and one CPLD & breadboard experiment module.

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*Thank You For Visiting*

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