

Basic Microcontroller Lab



Product Categories: [Engineering Equipment](#)

Product Tags: [Engineering equipments](#)

Product Page: <https://www.labappara.com/product/basic-microcontroller-lab/>

Product Description

Basic Micro-controller Lab -Engineering equipments

The Basic Micro-controller Lab program is specially designed keeping in mind the curriculum as well as industrial requirements.

This lab offers 8 bit platforms thus enabling the students to have a complete experience to work with different micro controller targets.

The target boards included are for 8051, PIC and AVR.

This lab also includes different development tools in the form of compilers, IDE, emulators etc.

The plug-gable interfacing kits are included which can be interfaced with different target CPU boards thus mastering the art of programming and interfacing. The documentation provided includes lesson plans, manuals and workbooks with complete procedures of operations and experimentation.

8051 Micro Controller training kit with lcd display & in-built power supply on board 32 k ram.

Battery backup for ram area

64 k bytes of eprom with powerful monitor program

48 i/o lines using 2 nos. of 8255

3 channel programmable timer/counter using 8253

Two external interrupts int0 & int1 from cpu

20 x 2 lcd (liquid crystal display) is provided for display

TBM pc compatible keyboard for entering the program, editing and executing the programs.

RS-232c interface using 8251

All data, address and control signals (ttl compatible) available at frc connector

Powerful software commands like insert, delete, block move, set/clear break point, single step, examine

Register, execute, examine/modify memory etc.

In-built power supply

Detailed user's manual.