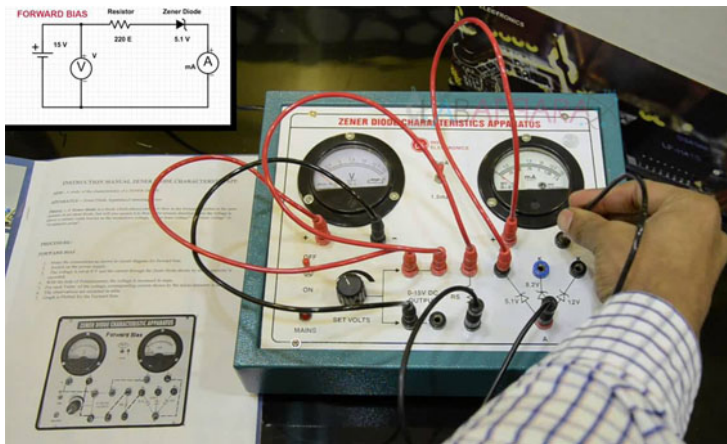


## Pulse Code Modulation & Demodulation



**Product Categories:** [Basic Communication Lab](#), [Engineering Equipment](#)

**Product Page:**

<https://www.labappara.com/product/pulse-code-modulation-demodulation/>

### Product Description

#### Pulse Code Modulation & Demodulation

It has facility to generate the binary code of input signal, using analog to digital converter and time division multiplexing of two such PCM data stream.

**Input channels :** 2 Nos. Time-division multiplexed, Pulse code modulated

**Onboard signals :** 1KHz, 500 Hz variable amplitude synchronized sine-waves. Two variable amplitude DC levels

**Synchronization signal :** Pseudo random code generation

**Parity code facility :** Even, Odd, Hamming, No Parity

**Switch Fault mode :** Facility to create signal bit error using DIP switch

**LED Display :** At every functional block for examination of Digital data and control signal

**Mode of Operation :** Fast/Slow

**Interconnection :** 2mm banana socket

**Power Supply :** +5V, +/-12V