



Date: 08/02/2024

**Requirement in Physics Laboratory**

**Session 2023-24**

Sr. No.	Experiment/Apparatus Particulars
01	Characteristics of Field Effect Transistor (F.E.T.).
02	Characteristics of P & N channel MOSFET.
03	Characteristics of Uni-Junction Transistor (UJT).
04	Characteristics of SCR.
05	Digital IC Trainer
06	Multivibrator (Astable, Monostable & Bistable Using IC 555)
07	Wein Bridge Oscillator (Using Op-Amp 741).
08	Phase Shift Oscillator (Using Op-Amp741).
09	Amplitude Modulation & de-Modulation.
10	Frequency Modulation & de-Modulation.
11	Signal Sampling and Generation in Pulse Amplitude Modulation & de-Modulation.

**Terms & Conditions:**

1. An extra set of circuit component used in the interior of the experimental board should also be provided along with product.
2. Product should be supplied with connecting leads and complete practical manual.
3. There should be in-built constant short-circuit protected power supply. Power fluctuation should not affect (180V to 270V) the readings. Stabilizer shouldn't be required in this range.
4. Products supplied should be covered under **three-year guarantee/warranty** from the date of purchase.
5. Rates quoted should include packing & forwarding charges.
6. Rates should be valid up to next two months from the date of opening quotation.

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