

## Department of Physics

Ref. No. : GNDU/ST/PHY/7273

Dated 13-02-2025

<b>Sr. No.</b>	<b>Instrument Name and Specification</b>	<b>Unit</b>
1.	<b>Frequency Dependence of Dielectric Constant</b> Comes with multiple samples, Optional temperature variation facility, complete in all respect, except a CRO	1
2.	<b>Study of Modulation &amp; Demodulation</b> Includes two techniques of Amplitude Modulation, Contains fixed frequency and amplitude internal carrier, adjustable internal message signal for both frequency and amplitude, balanced modulator and option of output frequency spectrum display on a suitable DSO.	1
3.	<b>Ferroelectric PE Loop Tracer</b> Study of PE Loop, complete with Computer Interface & Software	1
4.	<b>Characteristics of Photo Devices</b> Study of Characteristics of LDR, Photodiode, Phototransistors & Solar Cell	1
5.	<b>Digital Oscilloscope (25 MHz)</b> Dual analog Channels range 1mv/div-20V/div, 7inches widescreen LCD displays, special Print screen Features, Supports plus\g-and-play with and remote control of computer through the USB devices, USB drive system software upgrade, Storage of waveforms setups and interfaces waveforms and setups reproduction, Automatic measurement of 28 waveform parameters, Unique waveform recording and replay function, Multilingual menu display	1

**Note:** The physics department reference no. and date for inviting quotations is GNDU/ST/PHY/7273 dated 13-02-2025, notice inquire quotation may please be revised by mentioning the late date for the receiving quotation to be 05.03.2025 (Wednesday) by 4:00 pm. The quotation should be send to Head, Department of Physics, GNDU, Amritsar in sealed envelopee by registred post only.