

Department of Physics

Sl. no	Name of the instrument with Specification	Name of company	quantity
1	Traveling microscope. (Best quality) Horizontal & Vertical scale gunmetal slider on cast iron base. Brass scale Make: Devco	Devoco	1
2	Regulated power supply, 0-10V/1A DC , 0-2 V	Standard company	2 each
3	Regulated power supply(0-2V) with constant current source	Standard company	2
4	Regulated power supply, 0-5V/1A DC	Standard company	2
5	Focal length of a concave lens by combination method. Combination lens set only	Standard company	2
6	Table lamp	Standard company	3
7	p-n junction diode(15pcs), zener diode(15pcs) , variour range carbon resistance(1k, 10k, 500 ohm etc) 50 pcs , pot 15 pcs (1k, 10k etc variable range) Transistor (PNP or NPN) 15PCS		
8	IC 7404, IC 7402, IC 7408, IC 7402, , IC 7400		10*5=50
9	Volt meter,(0-2V), (0-10V) digital	Standard company	2 each
10	Ammeter (0-20 mA), (0-200mA) digital	Standard company	2each
11	Microammeter (0-200uA) digital	Standard company	3
12	Spectrometer	GOKO/DEVCO	1
13	Bread bord wire (1 coil)	Standard company	
14	cutter		4
15	Bread boad		2
16	To determine Stefan constan (full set up with installation)		1
17	To study the variation of thermo emf across two junctions of a thermocouple with temperature	Standard company	1
18	To determine work function of material of filament of directly heated vacuum diode(full set up with installation)	Standard company	1
19	To determine the coefficient of thermal conductivity of a bad conductor by Lee and Charlton's disc method.(full set up with installation)	Standard company	1
20	To determine the temperature co-efficient of resistance by Platinum resistance thermometer (full set up with installation)	Standard company	1