



Dr. Sanchay Jyoti Bora, M.Sc. Ph. D
Principal

No. PC(G)TQ/89/2023/40

Date: 15-09-2026

Notice Inviting Quotations

Quotations are invited from reputed and experienced Farms having GST No. for supply the necessary apparatus/consumables (list enclosed) to the Department of Physics, Pandu College, Pandu, Guwahati-12. Quotations should reach the undersigned **on or before 21.09.2026.**

Dr. Sanchay Jyoti Bora
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Pandu College, Pandu

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PANDU COLLEGE, PANDU
Guwahati-12, Assam

For FYUGP

Sl No.	Instrument/ Objective	Required Number
1.	P-E Hysteresis loop of a Ferroelectric Crystal (complete set)	1
2.	Measurement of susceptibility of a paramagnetic solution (Quinck's Tube Method) (complete set)	1
3.	Wollaston's Air-film (Only Air Film)	1
4.	To compare capacitances using De' Sauty's bridge	2
5.	To verify the Stefan's Law of Radiation and to Determine the Stefan's Constant (Using Electric Bulb Method Kit)	2
6.	To determine the Boltzmann constant using V-I characteristic of pn junction diode	2
7.	Planck constant using Blackbody radiation	1
8.	Verify the Heisenberg's uncertainty principle using He-Ne Laser	1
9.	Determination of the grating element of the double slit by observing interference and using lamp and scale method	1
10.	Measurement of resistivity of a semiconductor sample using Van der PAUW method	1
11.	To study the dispersion relation for the monoatomic and diatomic lattice	1
12.	Determine the coercivity, retentivity, and saturation magnetization of a given ferromagnetic specimen using B-H loop curve	1

13.	Study the absorption of beta rays passing through different thickness of Al and determine the linear absorption coefficient	1
14.	To verify inverse square law for gamma rays using GM tubes	1

For HS 1st Year and 2nd Year

SI No.	Instrument/ Objective	Required Number
1.	Glass Prism (Crown Glass)	10
2.	Thumb Pins	200
3.	Long Pins	200
4.	Resistance Box (0.01-500)	6
5.	Compass needle	50
6.	Drawing Board	12
7.	Thermometer (0-100 C)	10
8.	Vernier Calliper	12
9.	Sphere (Wooden)	25
10.	Screw Gauge	12
11.	Cylinder (Wooden)	25
12.	Cube (Wooden)	25
13.	Spherometer	22
14.	Glass Slab (Crown Glass)	10
15.	Stopwatch	6
16.	Digital Multi-meter	3
17.	Magnet (Short size)	30


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