

DEPARTMENT OF PHYSICS
GOVT. GEN. DEGREE COLLEGE, KHARAGPUR-II
MADPUR, PASCHIM MEDINIPY-721149

PURCHASE OF LABORATORY EQUIPMETS FOR 2018-19

SL. NO.	NAME OF EQUIPMENTS	SPECIFICATION	QUANTITY
1	Apparatus for determination of Young's modulus of wire by optical lever method	Complete set up	2
2	Apparatus for determination of moment of inertia of a flywheel	Complete set up	2
3	Apparatus for determination of 'g' by bar pendulum	Complete set up	2
4	Apparatus for determination of magnetic field strength 'B' and its variation with the length of solenoid	Complete set up	2
5	Apparatus for determination of frequency of electric tuning fork by Melde's method	Complete set up	2
6	Apparatus for determination of coupling factor, characteristic frequency, modes of vibration of a coupled oscillator	Complete set up	2
7	Apparatus to study Lissajous figure	Complete set up	2
8	Apparatus for determination of wavelength of light by Fresnel biprism	Complete set up, Research grade optical bench	1
9	Apparatus to study polarization of light by half wave plate	Complete set up, Research grade optical bench	1
10	Apparatus for determination of wavelength of LASER light by single slit and double slit diffraction	Complete set up, Research grade quality	1
11	Apparatus for determination of thermal conductivity of Cu, Al by Searle's method	Complete set up	2
12	Apparatus for determination of thermal conductivity of Cu, Al by Angstrom's method	Complete set up	2
13	Apparatus for determination of thermo emf of a thermocouple by differential amplifier using OPAMP	Complete set up	2
14	Refrigerator	16 Li, double door	1
15	Microwave oven	20 Li, Solo, Good Quality	1

S/D
Officer-in-Charge
Gov. Gen. Degree College,
Kharagpur-II