

# Durgapur Government College

NAAC Accredited "A" Grade in 2017

(Affiliated to Kazi Nazrul University, Asansol)

J. N. Avenue, Durgapur, Paschim Bardhaman, 713214

## Equipments Procured through RUSA 2.0 Fund

Sl.	Item / Equipment Procured	Quantity
1	10kVA Online UPS	1
2	Borosil Double Distillation unit	1
3	UV-Vis Spectrophotometer	1
4	Compound microscope	16
5	Ore Microscope	5
6	Photo Fluori Meter	2
7	Adaptor with Digital Camera attachment for Binocular Research Microscope	2
8	Prietest touch automatic biochemistry analyser	1
9	DSLR Camera	1
10	Vis spectrophotometer	3
11	Stereo zoom binocular microscope	2
12	Compound Microscope with Led Light system; Model: INSTAVISION MS; Make: DeTech	10
13	De-Humidifier; Capacity-2 Ton	1
14	Lectern Public Address System	2
15	Shimadzu TX-423 digital balance	1
16	Wavelength LASER (diode) using plane diffraction of grating	2
17	Computer Table	1
18	De-Humidifier; Capacity-1.5 Ton (INSTIND, IIC-DH-2)	1
19	5 star 1.5 Ton Split AC	1
20	Handy Air Sampler	1
21	1385 Microprocessor Flame Photometer	1
22	LPG Burner	160
23	B.O.D. Incubator	1
24	Measurement of Ionization Potential; Make - SES Instruments; Model : IP-01	1
25	True AC RMS milli-voltmeter; Make - APLAB; Model : ACMV-32	1
26	Forestry Pro Hypsometer/Laser Range Finder	1
27	Compound Microscope Attachment Camera	2
28	Colorimeter	4
29	Frank-Herzt Setup; Make - SES Instruments; Model : FH-3001	1
30	Electronics Trainer Kit	3
31	Laser Rangefinder	1
32	Deep Freezer	2
33	Spectrometer; Make - INCO; Catalogue No. -4232	2
34	Set up to produce absorption spectra of iodine	1
35	32inch LED TV	1
36	Separation between D1 and D2 lines	1
37	Planck's constant using LEDs of at least 4 different colours	1
38	pH Meter	2
39	e/m of electron by magnetic focussing method	1
40	Draw calibration ( $\eta$ - $\lambda$ ) curve	1
41	Complete study of Photo-electric effect	2
42	280 litres Single door Refrigerator	1
43	0-50 cm brass scale Cathetometer	2
44	Micropipette and tips	5
45	Pen pH Meter	5
46	1.5' Surakha Pipe	160
47	Point and Shoot Digital Camera	1
48	260 litres Single door Refrigerator	1

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49	20MHz Dual Trace, 2 Channel Oscilloscope; Make - APLAB; Model : 3305S	1
50	L-C-R kit with inbuilt function generator and frequency meter	3
51	Eutech multi parameter tester	1
52	Multiparameter tester	1
53	Design and verification of Half & Full Adder, Half & Full Subtractor using basic gates	5
54	Distillation Plant Borosil	1
55	Binocular (12x50)	1
56	Digital Balance	2
57	5 litres magnetic stirrer with heating	2
58	10 wire Potentiometer with Jockey	5
59	Genei UV-transilluminator	1
60	Work function using directly heated vacuum diode	1
61	Wireless and Lapel	3
62	Planck's constant using black body radiation and photo-detector	1
63	Digital Water & Soil Analysis Kit	1
64	Bi-quartz Polarimeter; Make - GOKO	2
65	16" Wall Fan	5
66	192 litres Single door Refrigerator	1
67	Focal length of lens by displacement method and auxiliary method	2
68	Two position Travelling microscope with vernier scale	1
69	10 MHz function generator; Make - APLAB; Model : MSG 10M	1
70	Micropipette Tarson variable	3
71	Borosil silicon tube of internal diameter 10mm	4
72	Induction heater	4
73	e/m of electron by Thomson method	1
74	1 $\Omega$ to 1000 $\Omega$ , 13 key resistance box	5
75	Thevenin and Norton Kit	3
76	0-1V/0.5A Variable Regulated DC Power Supply	5
77	Tie Collar Microphone	7
78	0-3 MHz function generator; Make - APLAB; Model : MSG 3M	1
79	12" Exhaust fan	5
80	Amplifier	2
81	Searle's Apparatus to determine elastic constants of a wire	2
82	Thermal conductivity of copper by Searle's method	1
83	Complete set to determine Moment of Inertia of a fly-wheel	2
84	Power supply for Sodium vapour lamp	5
85	4 litre stainless steel boiler	5
86	Hot Plate with magnetic stirrer	1
87	Quartz cuvettes 5 mL for spectrophotometer (pair)	2
88	Callender and Barne's Apparatus; Make - INCO; Catalogue No. -3083	1
89	Platinum resistance thermometer	2
90	3.2 cm diameter Polarizer/Analyzer	5
91	Borosil silicon tube of internal diameter 8mm	5
92	Multimeter	5
93	Pocket /Field pH Meter	2
94	Digital null detector	5
95	0-10V/0.5A Variable Regulated DC Power Supply	3
96	Borosil silicon tube of internal diameter 12mm	2

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97	Anderson's Bridge	1
98	Diffraction grating; 100 line/cm	5
99	Diffraction grating; 300 line/cm	5
100	Diffraction grating; 600 line/cm	5
101	Diffraction grating; 7000 line/inch	5
102	6 litre stainless steel boiler	2
103	Column speakers	3
104	Water bath	1
105	Sodium vapour lamp	3
106	Power supply for discharge tube; Make - OMSON	2
107	Heating Mantle; Make - BIOCIN	4
108	Platinum resistance thermometer Jacket	15
109	Digital Balance; Make - WENSAR; Model : TTB 10	1
110	Set to determine the spring constant of a vertical spiral spring and acceleration due to gravity	2
111	0-5V/0.5A Variable Regulated DC Power Supply	2
112	Objective Micrometer	10
113	Plankton Net	6
114	Post Office Box	1
115	Maximum Power Transfer and Super Position Kit	1
116	Design and verification 4-bit binary Adder-Subtractor using EX-OR gates and 7483 IC	1
117	Diffraction grating; 200 line/cm	3
118	0-200 $\mu$ A Digital DC Ammeter	5
119	Buffer solution for Eutech multi parameter tester	2
120	Power supply for Mercury vapour lamp; Make - INCO	2
121	4 litre copper boiler	3
122	Disposable polymer cuvettes 5 mL for spectrophotometer	1
123	EDF prism; Make - Prince Optics	5
124	Flip-flop Trainer Kit	1
125	Borosil silicon tube of internal diameter 6mm; Make - BOROSIL; Catalogue No. - 3369003	2
126	Newton Ring Apparatus	1
127	Insect Net	5
128	1k $\Omega$ , 2A Pot Type Potentiometer 10 turn Potentiometer	5
129	Ocular Micrometer	10
130	Multivibrator trainer kit using 555 timer	1
131	Design and verification of basic gates using NAND gate	1
132	Wooden cabinet for sodium vapour lamp	2
133	Wooden lamp house for Mercury vapour lamp	2
134	Microphone	1
135	Single core connection wire	2
136	Wooden stand for discharge tube	2
137	Digital Stop Watch	5
138	Mercury vapour lamp	3
139	0-2V Digital DC Voltmeter	2
140	Helium discharge tube	5
141	100k $\Omega$ , 2A Pot Type Potentiometer 10 turn Potentiometer	2
142	10k $\Omega$ , 2A Pot Type Potentiometer 10 turn Potentiometer	2
143	Magna Vision; Make - Thakkar Optical	2
144	BNC Probe	5

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145	Convex lens	15
146	Concave lens; Make - Prince Optics	10