

Instrument Repair Programme of NITUB

Period: January to December- 2018

Sl. no	Name of Instrument	Manufacturer	Model	Name of Institution	Nature of fault of instrument	Non-functioning/unpacked since	Repaired by NITUB on	Book value (TK)
01	Fume Hood	Labconco	64132	Institute of Leather Engineering and Technology University of Dhaka	Power Switch has faulty. Replaced a Power Switch	1 months	18.02.18	645000
02	Rota vapor	BUCHI	RE-11	Dept. of Pharmacy GonoBishwabidyalaySavar, Dhaka	servicing.	3 months	04.03.18	750000
03	Tablet Desolation Test Apparatus	EYELA	MMS-300	Dept. of Pharmacy GonoBishwabidyalaySavar, Dhaka	SSR 30 Amp .has faulty. Replaced a SSR 30 Amp and servicing.	5 months	04.03.18	350000
04	Water Bath	BUCHI	461	Dept. of Pharmacy GonoBishwabidyalaySavar, Dhaka	Power Switch has faulty. Repair Power Switch and servicing.	3 months	04.03.18	250000
05	Rota vapor	Labarota	4003	Institute of Leather Engineering and Technology University of Dhaka	Power Switch has faulty. Replaced a Power Switch and servicing.	6 months	20.03.18	650000
06	Water Bath	Heidelph	WB	Institute of Leather Engineering and Technology University of Dhaka	Power Switch has faulty. Replaced a Power Switch and servicing..	1 month	20.03.18	275000
07	Rota vapor	Labarota	4003	Institute of Leather Engineering and Technology University of Dhaka	Power Switch has faulty. Replaced a Power Switch and servicing.	3 months	14'03.18	650000
08	Water Bath	Heidelph	WB	Institute of Leather Engineering and Technology University of Dhaka	Power Switch has faulty. Replaced a Power Switch and servicing.	1 years	04.04.18	275000
09	Heating Mantle	Glassco	3000	Dept. of Pharmacy GonoBishwabidyalaySavar, Dhaka	Calibration and servicing	8 months	08.05.18	45000
10	Gas emission meter	Columbus Instrument		Dept. Soil, Water & Environment University of Dhaka	Power Switch has faulty. Replaced a	10 months	08.05.18	425000

					Power Switch and servicing.			
11	Multi Shaker	EYELA	MMS-300	Dept. of Microbiology, University of Dhaka	SSR 30 Amp.has faulty. Replaced a SSR 30 Amp and servicing.	1 year	08.05.18	750000
12	Fermentor / Bioreactor	New Brunswick	115	Dept. of Microbiology, University of Dhaka	1 Bearing has faulty, replaced 2 Bearing and servicing.	3 months	08.05.18	835000
13	Gel Doc Plate	Germany	-	Dept. of Microbiology, University of Dhaka	Plate sensor element has faulty. Replace 2 new elements	1 years	08.05.18	55000
14	Spectrophotometer	SpectronicGenesys 5	336001	Dept. of Microbiology, University of Dhaka	VIS lamp has faulty. Replace a 12V Halogen VIS lamp and servicing	3 months	08.05.18	750000
15	Electric Microscope	American optical	Multy Head	Department of Botany Dhaka College, Dhaka	1 objector has faulty. Repair, Clean and servicing	6 months	08.05.18	50000
16	Electric Microscope	American optical	Sixty	Department of Botany Dhaka College, Dhaka	1 objector has faulty. Repair, Clean and servicing	1 months	21.05.18	50000
17	Heating Mantle	England	509.303.06	Dept. of Chemistry, Bangladesh University of Health sciences.	Heating coil has faulty. Replaced a new heater coil	3 months	21.05.18	45000
18	Gas Chromatograpy - FID	SHIMADZU	GC-2010	Asian University for Women	Calibration, gas line & air compressor faulty.	1 months	08.07.18	1450000
19	Balance	AND	HR-200	Department of Microbiology ,University of Dhaka	Power supply unit faulty. Replace Servicing	3 months	12.07.18	250000
20	Oven	China	C-400	Department of Microbiology ,University of Dhaka	Power supply unit faulty. Replace Servicing	5 months	25.10.18	425000
21	Spectrophotometer UV-VIS	PS	T-80	Department of nutrition & food engineering. Deffodel International University, Dhaka	UV lamp faulty .repair& replacing	3 months	21.07.18	650000
22	VIS – Spectrophotometer	China	741-B	Dept of NEE,DIU,Dhaka		6 months	29.07.18	250000
23	VIS spectrophotometer	BOECO	S-20	Department of Microbiology ,University of Dhaka	halogen lamp. Replace Servicing	1 month	16.10.18	550000
24	Water Bath	NICKEL	NE1-28	HSTU, Dinajpur	Power cord &	3 months	27.10.18	350000

		England		Pathology lab	Fuse			
25	Microscope	Micros Austria	-	HSTU, Dinajpur Pathology lab	Power supply checked & source lamp cleaned	1 years	27.10.18	150000
26	Microscope	Leica	1349522 X	HSTU, Dinajpur Pathology lab	Cleaning & Servicing	8 months	27.10.18	300000
27	Muffle Furnace	Korea	DMF-05	HSTU, Dinajpur Pathology lab	Installation	10 months	27.10.18	450000
28	Autoclave	Alp co ltd japan	KY-23	HSTU, Dinajpur Pathology lab	Installation	1 year	27.10.18	750000
29	Autoclave	-	LS-B50L-111	HSTU, Dinajpur Pathology lab	Outlet pipe is faulty	3 months	27.10.18	50000
30	Laminar Air flow	ESCO Micro plate.ltd	EQU/03/E HTL	HSTU, Dinajpur Pathology lab	Installation & Operation	1 years	27.10.18	850000
31	Distillation plant		YX-280B	HSTU, Dinajpur Pathology lab	Input & Output water pipe, power lien faulty	3 months	28.10.18	540000
32	Conductivity meter	Hanna Instrument	HI 8033	HSTU, Dinajpur Soil science lab-2	9 V battery change & servicing	6 months	28.10.18	150000
33	Digital balance	KERN	EMB 500-1	HSTU, Dinajpur Soil science lab-2	Battery checked	1 months	28.10.18	450000
34	Conductivity Meter	JENWAY	470	HSTU, Dinajpur Soil science lab-2	Battery checked	3 months	28.10.18	250000
35	pH meter	Wincom	PHS-25	HSTU, Dinajpur Soil science lab-2	Calibration & checked power	1 months	28.10.18	250000
36	Incubator	Binder	B=28	HSTU, Dinajpur Soil science lab-2	Installation & thermostat setting	3 months	28.10.18	550000
37	Autoclave	GMBLT	Maxtenle 47	HSTU, Dinajpur Soil science lab-2	Outlet pipe was thin	5 months	28.10.18	550000
38	Microscope ,LCD digital	PENTA VIEW	-	HSTU, Dinajpur, Plant pathology lab -2	Installation & adjustment	3 months	28.10.18	650000
39	Microscope	BOECO	BM117	HSTU, Dinajpur, Plant pathology lab -2	Adjust & clean	6 months	28.10.18	250000
40	Microscope	CHINA	XSL-127D	HSTU, Dinajpur, Aquaculture lab	Source lamp fused	1 month	28.10.18	150000
41	Muffle Furnace	Korea	TIC4000E	HSTU, Dinajpur, Aquaculture lab	Installed	3 months	28.10.18	750000
42	Oven	Germony	Binder	HSTU, Dinajpur, Aquaculture lab	Installatin	1 years	28.10.18	650000
43	pH Meter	Hanna Instrument	HI 2211	HSTU, Dinajpur, Aquaculture lab	Installation & calibration	8 months	28.10.18	150000
44	DO meter	Lutron	DO 5509	HSTU, Dinajpur, Aquaculture lab	Battery & probe	10 months	29.10.18	350000

					checked			
45	Distillation plant	-	DZ22DO	HSTU, Dinajpur, Aquaculture lab	Rewiring of three phase supply cord	1 year	30.10.18	450000
46	DO meter	Lutron	YK-22DO	HSTU, Dinajpur, plant pathology lab	Battery & sensor problem	3 months	30.10.18	350000
47	Digital Temperature Meter-1	-	-	HSTU, Dinajpur, plant pathology lab	Battery & sensor problem	1 years	30.10.18	150000
48	Digital Temperature Meter-2	-	-	HSTU, Dinajpur, plant pathology lab	Battery & sensor problem	3 months	30.31.18	150000
49	Microscope	China	-	HSTU, Dinajpur, plant pathology lab	Fuse & fuse holder replaced	6 months	31.10.18	90000
50	Microscope	Olympus, japan	DP20	HSTU, Dinajpur, plant pathology lab	Interfacing with computer	1 months	31.10.18	250000
51	Compound Microscope	-	-	HSTU, Dinajpur, plant pathology lab	Power supply problem	3 months	01.11.18	150000
52	Escape Microscope	-	LED 144s	HSTU, Dinajpur, Entomology lab	Interfacing with computer, camera driver	1 months	01.11.18	300000
53	pH meter	-	PHS-24	HSTU, Dinajpur, Fisheries lab	Fuse replace	3 months	27.10.18	150000
54	Dissolved oxygen	Hanna	-	HSTU, Dinajpur, Fisheries lab	Checked & battery problem	5 months	28.10.18	75000
55	Thermostat Oven	WGL 458	-	HSTU, Dinajpur, Chemistry lab-1	Temperature meter setting & calibration	3 months	28.10.18	450000
56	Deionizer Distil water plant	-	-	HSTU, Dinajpur, Chemistry lab-2	Cable & water pipe are assemble	6 months	28.10.18	450000
57	Sodium Vapor Lamp Transformer	ASICO	AE 127	HSTU, Dinajpur, Physic lab	Checked & holder repair	1 month	28.10.18	20000
58	Sodium Vapor Lamp Transformer	ASICO	AE 127	HSTU, Dinajpur, Physic lab	Power connection & lamp checked	3 months	28.10.18	20000
59	Resistance Boxes and Rheostats	J.J; WOOD	502	HSTU, Dinajpur, Physic lab	Resistive wear set and assembly	1 years	28.10.18	85000
60	Resistance Boxes and Rheostats	J.J; WOOD	502	HSTU, Dinajpur, Physic lab	Resistive wear set and assembly	8 months	28.10.18	85000
61	Distilling water Apparatus	Yanhe	DZ-10	HSTU, Dinajpur, Fisheries lab	Power line switch checked	10 months	28.10.18	350000
62	Thermostatic water bath	China	HH-S	HSTU, Dinajpur, bacteriology department	Temperature regulator adjust	1 year	30.10.18	225000
63	Microscope	USA	13395F2X	HSTU, Dinajpur, bacteriology department	Adjustable the	3 months	30.10.18	250000

					knob & clean			
64	Egg Incubator	-	D-783	HSTU, Dinajpur, bacteriology department	Thermostat check & temperature control	1 years	31.10.18	550000
65	Water distillation unit	China	M001	HSTU, Dinajpur, bacteriology department	Power connection properly	3 months	31.10.18	200000
66	Advanced vortex mixer	Italy	2x3	HSTU, Dinajpur, General animal science	Installation	6 months	31.10.18	150000
67	Kjeldahl Distillation Apparatus	Gallenkamp	-	HSTU, Dinajpur, General animal science	Installation & power connection properly	1 months	31.10.18	650000
68	Muffle furnace	Korea	DMF-058	HSTU, Dinajpur, General animal science	Adjust the controller	3 months	31.10.18	550000
69	Distill water plant			HSTU, Dinajpur, Physiologist	Inlet pipe is thin & water presser	1 months	31.10.18	250000
70	Egg incubator	-	D-783	HSTU, Dinajpur, Tissue culture lab	Proper connection & temperature adj	3 months	01.11.18	550000
71	Micro oven	-	-	HSTU, Dinajpur, bacteriology department	Installation	5 months	01.11.18	25000
72	Egg incubator	-	D-783	HSTU, Dinajpur, Dairy & poultry	Installation	3 months	01.11.18	550000
73	Curd incubator	Taiwan	-	HSTU, Dinajpur, Dairy & poultry	Thermocouple checked	6 months	01.11.18	450000
74	Ultrasonic Cleaner Bath	Germany	RX31	HSTU, Dinajpur, Dairy & poultry	Installation	1 month	27.10.18	250000
75	Micro wave oven	panasonic	NN-C784MF	HSTU, Dinajpur, Microbiology	Motor shaft adapter burn & checked	3 months	27.10.18	25000
76	Moisture Analyser	RAGWAG	MAC 110/WH	HSTU, Dinajpur, Food processing	LED switch repaired & program error solved	1 years	27.10.18	850000
77	Viscometer	VISCOTECH	VR3000L	HSTU, Dinajpur, Food processing	Temperature probe repaired	8 months	27.10.18	150000
78	Electronic Balance	ADE	AS-80	HSTU, Dinajpur, Food processing	Power supply found faulty	10 months	27.10.18	250000
79	Centrifuge	Hanil	MF-300	HSTU, Dinajpur, Food processing	Abnormal sound solved	1 year	28.10.11	650000
80	Heating mantle	MTop c	MS-EAM	HSTU, Dinajpur, agriculture extension	Three controller & heating elements repaired	3 months	28.10.11	50000
81	Distilled water plant	PLUS	DP-30	HSTU, Dinajpur, agriculture extension	Installation	1 years	28.10.11	350000
82	Over head projector	APOLLO	Quantam2 523	HSTU, Dinajpur, agriculture extension	Checked & fuse adjustment	3 months	28.10.11	60000
83	Water bath	China	-	HSTU, Dinajpur, Soil Science	Heating element	6 months	28.10.11	150000

					Damaged			
84	Thermostatic water bath	China	-	HSTU, Dinajpur, Soil Science	Damage power cable replaced	1 months	28.10.11	150000
85	Electronic balance	METEX	MS300	HSTU, Dinajpur, Soil Science	Power adapter repaired,	3 months	28.10.11	250000
86	Flame photometer	JENWAY	PPF7	HSTU, Dinajpur, Soil Science	Cable & Ignition switch repaired	1 months	29.10.18	550000
87	Electronic Balance	MEITLER	BB2400	HSTU, Dinajpur, Soil Science	Power supply repaired	3 months	29.10.18	350000
88	Flame photometer	DAIHAN	FP640	HSTU, Dinajpur, Soil Science	Connection tube are damaged & repaired	5 months	29.10.18	500000
89	Water bath	Digital thermostatic	HH-S	HSTU, Dinajpur, Biochemistry	Check & Installation	3 months	29.10.18	350000
90	Photoelectric	ERMA	AE-11M	HSTU, Dinajpur, Biochemistry	Power cable repaired & filter cleaned	6 months	29.10.18	550000
91	Magnetic stirrer	CHINA	78-1	HSTU, Dinajpur, Biochemistry	Check & installation	1 month	29.10.18	90000
92	Vacuum drying oven	VISION	VS-1202V5	HSTU, Dinajpur, Biochemistry	connector cable is defective. Check/repair	3 months	30.10.18	850000
93	Muffle furnace	THERMOLLYN E	5311G10	HSTU, Dinajpur, Biochemistry	Check & installation	1 years	30.10.18	750000
94	Water bath	Digisystem	DSB-1000E	HSTU, Dinajpur, Agricultural chemistry	Power plug replaced	8 months	30.10.18	80000
95	Conducting meter	Jenway	470 cord	HSTU, Dinajpur, Agricultural chemistry	Temperature & program error solved	10 months	31.10.18	120000
96	Voltage stabilizer	SAMSUNG	HQ	HSTU, Dinajpur, Agricultural chemistry	High voltage adjust	1 year	31.10.18	40000
97	Shaker /Rotator	MC1	LRD-750	HSTU, Dinajpur, Agricultural chemistry	No motor voltage ckt faulty	3 months	31.10.18	650000
98	Distilled water plant	DURAN	FAVORIT W4L	HSTU, Dinajpur, Soil Science	Check & Drain line blockage removed	1 years	31.10.18	450000
99	Conductivity meter	CELL constant	-	HSTU, Dinajpur, Biochemistry	Installation & operation properly	3 months	01.11.18	250000
100	Unstirred water bath	Dig system	WB-10000e	HSTU, Dinajpur, Fisheries	Installation & operation properly	6 months	01.11.18	350000
101	Fat analyzer	SZF-06c	-	HSTU, Dinajpur, Biochemistry	Check & Installation	1 months	27.10.18	450000
102	Balance	citizen	CTG 302	HSTU, Dinajpur, Agronomy	Check the connection. Adjust the cable connector	3 months	27.10.18	50000

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103	Microscope	CE	HG675010	HSTU, Dinajpur, Entomology	bulb burnt out. Replace	1 months	28.10.18	75000
104	Balance	And JAPAN	Ek 300J	HSTU, Dinajpur, Entomology	Check & locking switch is activated	3 months	29.10.18	350000
105	Digital balance	shimadzu	BI220h	HSTU, Dinajpur, Department of CPE	Check electrical feed& fixed it	5 months	29.10.18	250000
106	Digital balance	shimadzu	BI220h	HSTU, Dinajpur, Department of CPE	Defective calibration battery	3 months	29.10.18	250000
107	Water bath	-	-	HSTU, Dinajpur, Department of CPE	switch is defective. Change & fixed	6 months	29.10.18	150000
108	Grain moisture mixture	G-WON	GMK303	HSTU, Dinajpur, Department of CPE	Power connection problem. Servicing	1 month	30.10.18	550000
109	Oven	BINDER	ED56	HSTU, Dinajpur, Department of CPE	thermocouple circuit open. check & fixed	3 months	30.10.18	550000
110	Leaf area meter	Ckd.inco	C1 202	HSTU, Dinajpur, Department of CPE	Connection defect . check fixed	1 years	30.10.18	850000
111	Oven	BINDER	E28	HSTU, Dinajpur, Department of CPE	circuit breaker defective. Repaired	8 months	30.10.18	650000
112	Camera Microscope	AMSCOPE	LED1445	HSTU, Dinajpur, Department of ENTO	mechanical stage locked very low. Adjust & fixed	10 months	31.10.18	750000
113	Incubator	BINDER	ED53	HSTU, Dinajpur, Department of ENTO	Thermostat faulty. Servicing & calibration	1 year	31.10.18	560000
114	Oven	BINDER	E 28	HSTU, Dinajpur, Department of ENTO	thermocouple defective & repaired	3 months	31.10.18	650000
115	Auto clave	WIND	MEaxte-47	HSTU, Dinajpur, Department of ENTO	sterilization chamber incorrectly loaded. Check & adjust l	1 years	31.10.18	750000
116	Digital balance	AND-HKD	LS-HKD620 AS	HSTU, Dinajpur, Department of ENTO	Dirty measuring cell	3 months	31.10.18	350000
117	Multimedia Projector	DELL	Dell 12103	HSTU, Dinajpur, Department of CPE	Lance alignment & servicing	6 months	01.11.18	65000
118	Incubator	Memart		HSTU, Dinajpur, Department of CPE	temperature control defective. Check & adjust	1 months	01.11.18	850000
119	Oven	Memart		HSTU, Dinajpur, Department of CPE	relay is defective. Check & fixed	3 months	01.11.18	650000

120	Oven	Memart		HSTU, Dinajpur, Department of CPE	heating resistor defective. Repaired	1 months	27.10.18	650000
121	Colorimeter	-		HSTU, Dinajpur, Department of PPS	Installation	3 months	28.10.18	120000
122	Water bath	-	HH-s	HSTU, Dinajpur, Department of PPS	temperature control not set. Checked	5 months	29.10.18	150000
123	pH meter	-	Hanna	HSTU, Dinajpur, Department of PPS	batteries worn out. Replace & fixed	3 months	29.10.18	250000
124	Hot plate	-	Jisico	HSTU, Dinajpur, Department of FPP	Power cable faulty . servicing & repair	6 months	30.10.18	120000
125	Microwave oven	-	Samsung	HSTU, Dinajpur, Department of FPP	thermocouple circuit open. Connection & fixed	1 month	30.10.18	40000
126	Laminar Air flow	-	Eco flux v/120	HSTU, Dinajpur, Department of FPP	cabinet disconnected& lamp is defective. Verify & fixed	3 months	31.10.18	950000
127	Tachometer	-	DT2234B	HSTU, Dinajpur, Department of FSN	Calibration & connection	1 years	31.10.18	75000
128	Magnetic stirrer	-	Jisico	HSTU, Dinajpur, Department of FSN	Power connection faulty . check & fixed	8 months	01.11.18	95000
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Total book value BD Taka 47,355,000.00 = U.S.\$ 5,63,750.00