


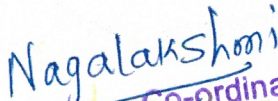
FINANCIAL YEAR 2019-20

Details of Equipments Procured from DBT grant

Department of Botany.

S.N.	Name of Equipment	Item wise cost	Date of purchase of Equipment	Remarks
1.	Steel Autoclave(1piece)	11328	17/9/2019	For Disinfection and sterilization
2.	Soxhlet Apparatus(1piece)	8496	„	For extraction of plant materials
3.	TLC Apparatus(2piece)	30208	„	Isolation or separation of biochemical metabolites.
4.	Laminar Air Flow(1piece)	56640	„	To prevent contamination in tissue culture
5.	Centrifuge Machine (1piece)	10384	„	For the separation of fluids, gas or liquid based on density
6.	Microscope Model KG - 2 (5piece)	22656	„	To study magnified image of object
7.	Eye Piece camera(1piece)	61360	„	To take microphotographs
8.	UV Visible Spectrophotometer(1 piece)	94400	„	For quantitative biochemical analysis of plant extract
9.	Spectrophotometer Digital(1piece)	94306	„	For quantitative biochemical analysis of plant extract
10.	Electrophoresis unit(1piece)	23600	„	Gel electrophoresis to separate macromolecules like DNA, RNA and proteins.
11.	Soil thermometer (1piece)	472	„	To measure the temperature of the soil
12.	Anemometer Digital(1piece)	6136	„	To measure the speed and pressure of wind
13.	Thermo Hygrometer (1piece)	8496	„	To measure humidity and temperature of the air
14.	Rain Gauge (1piece)	944	„	To measure the amount of rain
15.	LUX meter(1piece)	2360	„	To measure light intensity


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16.	PH meter (1piece)	4720	„	To measure hydrogen ion concentration of solution
17.	Hot air oven(1piece)	15104	„	For sterilization of equipment and chemicals.
18.	Binocular Microscope(1piece)	98600	„	For a magnified stereoscopic view of object.
19	Binocular Microscope accessories(1piece)	11800	„	Accessories for Binocular Microscope
20.	UV Chamber with UV tubes (1piece)	6136	„	For observation of TLC plates
21.	Projector Microscope (1piece)	14160	„	To project the image on screen
22.	PCR machine(2piece)	198731	25.9.19	To Amplify DNA segments
23.	PCR Accessories(1piece)	11800	„	Accessories for PCR
24.	PCR Monitor(1piece)	95467	„	To see the result of PCR reaction
25.	PCR monitor Accessories(1piece)	5900	„	Accessories for PCR
26.	Microtome (1piece)	41215	„	To cut thin section of plant parts
27.	Incubator(1piece)	17823	„	To grow and maintain microbial culture
28.	Hot Plate (1piece)	6,000	„	To heat glass ware and its contents
29.	Water Bath(1piece)	2124	„	To incubate samples in water
30.	Fridge (1piece)	18000	14.3.20	For storage of plant extract and some chemicals
31.	Mixer grinder (1piece)	4100	„	To make plant powder for extraction
32.	Camera(1piece)	16500	17.3.20	To take photograph of field and lab work
33.	Wire gauge(1piece)	34	7.7.2020	For measurement
Total Amount including CGST and SGST= 10,00,000(Ten Lakhs only)				

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S.N.	Name of Instrument	Total cost	Date of purchase/ Installation.	Remarks
1.	Preservation box Insect display (3 piece)	31,152	18/9/2019	Pinning insect specimens in a dry method to preserve and display
2.	Insect collecting Net with Handle (3 piece)	4,602	„	To collect aerial insects from grass and brushes.
3.	Incubator Bacteriological (3 piece)	77,880	„	Incubation of biological products ,
4.	Spectrophotometer Digital (2 piece)	1,95,628.66	„	Quantitative measurement of protein, DNA or RNA, growth of bacterial cells, and enzymatic reactions.
5.	Trinocular Microscope Scopead (1 piece)	94,400	„	Microscopic studies of living organisms
6.	Microscope LCD (1 piece)	82,600	„	Electronic imaging of microscopic observations helpful in histological studies.
7.	Microtome (Manual) (2 piece)	1,74,640	„	Histological slide sample preparation.

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8.	Water Quality Probe PH meter (1 piece)	5,310	”	Measurement of the concentration of free chlorine and pH value of water sample.
9.	Eye piece Camera (1 piece)	91,199.84	”	Digital images of microscopic observations helpful in experiments and teaching.
10.	Horizontal Electrophoresis (1 piece)	31,388	”	Gel electrophoresis to separate macromolecules like DNA, RNA and proteins.
11.	Aluminum Autoclave (1 piece)	22,420	”	Used to decontaminate biological waste and sterilize media, instruments and lab ware.
12.	Sphygmomanometer (1 piece)	3,024	”	Measurement of blood pressure
13.	Hemoglobinmeter (Digital) (1 piece)	54,324.48	”	Measurement of haemoglobin in blood samples
14.	Hemocytometer (4 piece)	8,496	”	Used for W.B.C. , R.B.C., Plankton counting experiments.
15.	Distill water plant (1 piece)	48749.34	”	For distilled water to be used in laboratory.
16.	Chromatography Inspection cabinet (1 piece)	11,800	”	For viewing and detecting separating substance on T.L.C.

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17.	Spectrophotometer Digital (1NM) Accessories(2 piece)	11,800		Accessories for Spectrophotometer instrument
18.	Microtome (Manual) Accessories (2 piece)	11,800		Accessories for Microtome instrument
19.	Electrophoresis (vertical) (1 piece)	27,081	4/3/2020	SDS-PAGE for nucleic acids and protein
20.	Electrophoresis Power supply (Digital) (1 piece)	11,682	"	Accessory for power supply for electrophoresis instrument
21.	Glass Dropper(6")- Rubber Teat (1 piece)	23	7/7/20	Measurement of Liquid samples in experiment
Total amount including CGST and SGST = 10,00,000.32 (Round off tax =.32 Rs)				
= 10,00,000 (Ten Lakhs only)				

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