

GOVERNMENT COLLEGE LAWAN
DBT-STAR COLLEGE SCHEME
LIST OF EQUIPMENT FOR TENDER INVITATION
(As approved by Department of Biotechnology, Government of India)

Sr. No.	Department	Equipment Details
1.	Chemistry & Physics (Clubbed together)	Colorimeter
2.		Landsbergers apparatus
3.		TLC Chamber
4.		UV Cabinet
5.		Abbe's Refractometer
6.		Vacuum Rotary Evaporator
7.		Steam distillatory apparatus
8.		Magnetic stirrer with hot plate and magnetic needle
9.		Visible Spectrophotometer
10.		Water analyzer apparatus
11.		Electric muffle furnace
12.		Digital Analytical Weighing balances
13.		Potentiometer
14.		Polarography
15.		Water Bath
16.		Oven
17.		Electric Burner
18.		Melting Point Apparatus
19.		Spectrometer
20.		Optical-Bench
21.		Polarimeter
22.		Vertical reading microscope
23.		Traveling microscope
24.		Slit for magnifying power of telescope
25.		Single slit
26.		Double Slit
27.		Stock viscometer apparatus
28.		Viscometer


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29.	Slotted weight and hanger
30.	Physical balance digital
31.	Retorted stand
32.	Rubber Apparatus Poisson's Ratio
33.	Hooks law apparatus setup
34.	Young Modulus Setup
35.	Cantilever setup
36.	Barton's apparatus setup
37.	Maxwell-vibration needle setup
38.	Inertia Disk setup
39.	Inertia Table setup
40.	Bending beam setup
41.	Capillary rise Method set up
42.	Joules Calorimeter
43.	Lee's Apparatus
44.	Newton's law of cooling apparatus
45.	Stop watch Digital
46.	Spectrometer Prism
47.	Calcite prism
48.	Katcers reversible pendulum
49.	Torsion Pendulum
50.	Bifilar Pendulum
51.	Mercury light assembly set
52.	Deflection magnetometer
53.	Vibration magnetometer
54.	Self Induction coil
55.	D.C. Voltmeter
56.	D.C. Milli Voltmeter
57.	D.C. Ammeter
58.	DC. Micro ammeter
59.	A.C. Voltmeter
60.	A.C. Milivoltmeter
61.	A.C. Ammeter
62.	A.C. Micrometer

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63.		Power & Power factor of L-C.R. circuits
64.		P.N junction diode Characteristics apparatus
65.		Zener Diode
66.		Transistor
67.		Tuner Diode
68.		FET characteristics set up
69.		Energy Band gap semiconductor diode apparatus setup
70.		Photocell
71.		Photodiode
72.		Solar cell
73.		Digital logic gate using discrete Component
74.		Cathode ray Oscilloscope 30MHz
75.		Motion detection sensors
76.		Sterling Engine set up
77.		Wire
Total [Chemistry & Physics (Clubbed together)]		
78.	Zoology & Botany (Clubbed together)	Stereomicroscope
79.		Desktop (with requisite software's)
80.		Refrigerator
81.		Glucometer
82.		BMI Monitor
83.		Ocular micrometer
84.		Autoclave
85.		Vortex mixture
86.		Binocular Microscope
87.		Incubator
88.		Bar with telescopic catcher
89.		Telescoping fishing net
90.		Projector and Screen
91.		Haemo-cytometer
92.		Blood cell counter
93.		Specimen Jars


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94.	Spirometer
95.	Blood group testing kit
96.	ELISA kit
97.	DNA isolation kit
98.	Grow bags
99.	Electrophoresis apparatus
100.	Protein estimation system
101.	Ouchterlony double diffusion
102.	RNA estimation system
103.	Widal test system
104.	3D Models
105.	Charts
106.	SDS-PAGE system
107.	Centrifuge machine
108.	Digital Blood pressure monitor
109.	Biological specimens
110.	Microtome
111.	Printer
112.	Desktop (with requisite softwares)
113.	Water Bath
114.	Refrigerator
115.	Autoclave
116.	Laminar air flow
117.	Hot air oven
118.	Media MS
119.	Binocular Microscope
120.	Charts
121.	Specimen
122.	Herbarium cabinet
123.	Microbiological incubator
124.	Microcentrifuge
125.	Microcentrifuge tube racks
126.	Bunsen Berner
127.	Metro super Dissection Box



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128.	Homogeniser
129.	pH meter
130.	Culture tube sets
131.	Culture plates/ Petri plates set
132.	Dissecting Pans
133.	Point frame Quadrate
134.	Ganongs Respirometer set
135.	Ganongs potometer set
136.	Wilmotts Bubbler
137.	Permanent Slide of Algae
138.	Permanent Slide of fungi
139.	Permanent Slide of Bryophyta
140.	Permanent Slide of Pteridophyta
141.	Permanent Slide of Gymnosperm
Total [Zoology & Botany (Clubbed together)]	



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