

MVS GOVT. ARTS & SCIENCE COLLEGE (A), MAHABUBNAGAR

Department of Physics

List of Lab Equipment available in the Department

S. No.	Name of the equipment	Quantity
LAB-1	MECHANICS LABORATORY	
1	Simple pendulum Bobs (small & large)	10
2	Compound pendulum bars	21
3	Retard stands	32
4	Vernier calipers	11
5	Aspirator bottles	11
6	Screw gauges	6
7	Stop watches	33
8	Springs	9
9	Capillary tubes	25
10	Meldes experiment	3
11	Rubber corks	20
12	Tuning forks	11
13	Fractional weight boxes	6
14	Measurement jars 500ml	4
15	Measurement jars 100ml	4
16	Torison pendulum dics	5
17	Melde's weights	8
18	Beakers	5
19	Melde's coils	5
20	Bifilar pendulum rectangular bodies	8
21	Torison pendulum clamps	3
22	Bifilar pendulum clamps	5
23	Melde's stands	4
24	Rigidity modulus Knife edges	5
25	Spring balance	5
26	Brass, copper, steel wires	6
27	Scales 1 mtr	5
28	Rheostat	1

S. No.	Name of the equipment	Quantity
LAB-2	OPTICS LABORATORY	
29	Electric kettle Boards	1
30	Electric kettles	3
31	Spectrometer stands	2
32	Laser stands	3
33	Polarimeter stands	2
34	Newton cooling method Apparatus	4
35	Laser diodes	3
36	Power supply eliminators	8
37	Sodium lamps (not working)	11
38	Sodium vapour wooden boxes	3
39	Double convex lenses	10
40	Steam chamber	1
41	Single slit	1
42	Gratings	2
43	Lees method	2
44	Magnifying lenses	10
45	Overhead projector	1
46	Stefan's constant apparatus	2
47	Rectangular plane prisms	6
48	Plain Glasses	9
49	Mercury (1/4 kg)	1
50	Telescope	1
51	Wedge method glass box	1
52	Pulfrich cubes	2
53	Boys method mirrors	6
54	Prisms	2
55	Thermo couples	3
56	Traveling microscopes	10
57	Electric stove	1
58	Spectrometers	5
59	Laser pen	1

S. No.	Name of the equipment	Quantity
LAB-3	ELECTRONICS LABORATORY	
60	Kirchoff's Laws	5
61	Digital signal genarator	4
62	Regulated power supply	8
63	Battery eleminators	10
64	Logic gates triners	4
65	Energy gap of a semiconnductor	2
66	Thermister charectristics	4
67	Zenor diode charectristics	4
68	photo cell	3
69	Half adder & Full adder boards	2
70	Half wave & Full wave rectifier	4
71	LR & CR ckt boards	2
72	RC coupled Amplifier boards	4
73	Transistor charectristics	6
74	FET - Charectristics	2
75	e/m Thompson method attachment	6
76	Ammeters	17
77	Voltmeters	20
78	P-N Junction diode charectristics board	4
79	Hall Effect set	1
80	Function genarator	4
81	Fixed frequency audio oscillator	3
82	Light sources	1
83	Oscilloscpe	2
84	Resistance boxes	23
85	High resitance boxes	19
86	RC- Phase shift oscillator	2
87	Maximum power transmission board	1
88	IC regulated power supply	1
89	Transformer 35 watts	1
90	Plancks constant apparatus	1


 HEAD OF DEPARTMENT
 DEPT. OF PHYSICS
 MVS Govt. Degree & P.G. College
 of Arts And Science (A)
 Mahabubnagar.

MVS GOVT ARTS AND SCIENCE COLLEGE (A) MBNR.	
Name of the Department	MICROBIOLOGY
List of Equipment available in the Department	
S.No	Name of the equipment
1	Double pan balancer
2	spectrophotometer
3	centrifuge
4	photoelectric calorimeter
5	incubator
6	hot air oven
7	digital pan balancer
8	serological water bath
9	waterbath
10	laminar air flow
11	autoclave
12	vortex mixer
13	cylinder
14	rotatory shaker
15	magnetic stirrer
16	digital ph meter
17	compound microscope
18	binocular microscope
19	weighing machine
20	refrigerator
21	bod incubator

MVS GOVT ARTS AND SCIENCE COLLEGE (A) MAHABUBNAGAR

List of Equipment Department Wise

Name of the Department: ZOOLOGY

S. No.	Name of the Equipment
1	Hot air oven
2	PROJECTION Microscopes
3	MEDICAL MICROCOPE
4	PROJECTION Microscopes (10X,20X,40X)
5	Water bath ELECTRICAL
6	Water bath THERMO
7	Haemo globinometer
8	Haemocytometers
9	Electrophoreses unit
10	Digital balance
11	BOD Incubator
12	Ph meter
13	Kymograph
14	Centrifuge
15	Distillation plant
16	Sphygmomanometer digital
17	Sphygmomanometer (Mercury)
18	Dissolved oxygen meter
19	RBC pipettes
20	WBC pipettes
21	Blood cell counter
22	Blood cell counter
23	HB pipettes
24	Magnetic stirrer
25	Colorimeter digital
26	Pestle Mortar – big
27	Dissection boxs
28	Slide cabinets
29	Human skeletal (Model)
30	Human skeletal - CABINET
31	Insect preservative boxes
32	MICROSCOPE CAMARA USB
33	BP APARATUS
34	CHART STAND
35	SLIDE PROJECTOR
36	COUNTING CHAMBER



MVS GOVT ARTS AND SCIENCE COLLEGE(A),MAHABUBNAGAR

Department of Computer Science & Applications

Infrastructure of the Department

SNO	Name of the Equipment	Total
1	Computer Systems	90
2	Printers	2
3	Laptops	4
4	LCD Projectors	3
5	Interactive Boards	1
6	Wiriness microphone PA Systems	1
7	Neck band PA Systems	2
8	Air conditioners	5
9	UPS Systems 5 KVA	2
10	Computer Tables	90
11	Computer Chairs	90
12	Almaras	4
13	Internet Wi-Fi system with 100 mbps	1
14	Computer Labs	3

MVS GOVT. ARTS & SCIENCE COLLEGE (A), MAHABUBNAGAR

Department of Chemistry

List of Lab Equipments

1. Rota vapour
2. Hot plates
3. Reaction Hood
4. PH-Meters
5. Conductivity Metres
6. Colorimeters
7. Potentiometers
8. Calomel electrodes
9. Glass electrodes
10. Hydrogen Electrodes
11. Electronic Micro Balances
12. Magnetic Stirrers
13. Centrifuge machines
14. Water baths
15. Burettes
16. Pipettes
17. Measuring Cylinders
18. Glass ware
19. UV Chambers
20. Hot air Oven
21. Over Head Projector
22. Salt Bridges
23. Projectors
24. Desk tops
25. Muffle Furnace
26. Freezer
27. Refrigerator
28. Stop watches
29. Thermometers
30. Water Distillation Units



Head of the Dept of Chemistry
MVS Govt. U.G. & P.G. College
Mahabubnagar-509001.

MVS GOVERNMENT ARTS AND SCIENCE COLLEGE (A), MAHABUBNAGAR

DEPARTMENT OF BIOTECHNOLOGY

S.NO	LIST OF ITEMS PRESENT IN DEPARTMENT	PAGE No	QUANTITY
1	Autoclave	1	1
2	Electronic balance	20	2
3	Binacular microscope	21	1
4	Remi centrifuge	26	1
5	Compound microscope	29	2
6	Electronic balance	46	2
7	Refrigerator	57	1
8	Heating mantle	61	1
9	Hot air oven	61	1
10	Incubator	66	1
11	Laminar air flow chamber	81	1
12	LCD projector	88	1
13	Mini LED projector	88	1
14	OHP projecting	96	1
15	Colorimeter	104	1
16	System with keyboard cpu mouse		1
17	Water bath	151	1
18	Beakers 200ml 500ml 1000ml	16	8 3 1
19	Conical flask 100ml 500ml	28	1 1

20	Inoculating loops	67	with wire-3, Without wire-8
21	Measuring cylinder 5ml 10ml 100ml 250ml	86	3 6 1 2
22	Pipette 1ml 5ml 10ml 20ml	101	26 3 24 1
23	Petri dishes	105	11
24	Reagent Bottles 250ml	116	35
25	Spatula	126	10
26	Micropipette		1
27	Test tube stand	136	10
28	Test tube	137	232
29	Burretes		9
30	Centrifuge tubes		27
31	Glass rod		1
32	Cleaning brush		10
33	Volumetric flask 100ml 250ml 500ml 1000ml		1 1 4 1