



SRI GURAJADA APPARAO GOVERNMENT DEGREE COLLEGE

(Re-accredited by NAAC with 'A' Grade, Affiliated to Andhra University)

YELLAMANCHILI - 531055, ANDHRA PRADESH



Department of Chemistry





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S.G.A Govt.Degree College, Yellamanchili **Department of Chemistry**

Equipment in the Chemistry laboratory



ION Analyser, LI 126



Visible Spectro Photometer 166



Digital Electronic Balance



HOT AIR OVEN KOMS 3



Digital Conductivity Meter



Digital Potentiometer, EQ 602



Digital PH Meter



Digital Polarimeter



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Digital Colorimeter



UV Cabinet



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S.G.A. Govt. Degree College, Yellamanchili,

**Department of Chemistry
Particulars of the Lab Equipment**

S.No	Name of the Instrument	Number of Items
1	Ion Analyzer , LI 126	01
2	Visible Spectrophotometer,166	01
3	Digital Electronic Balance, BL 220H	01
4	Digital Electronic Balance	01
5	Hot Air Oven KOMS 3	01
6	Digital Conductivity Meter, 304 with Conductivity Cell	06
7	Digital Conductivity Meter, EQ 660A	02
8	Digital Conductivity Meter, EQ 664	01
9	Digital Potentiometer, EQ 602	06
10	Digital Potentiometer, EQ 601	01
11	Digital PH meter, 110	03
12	Digital Polarimeter, EQ 801	01
13	Digital Colourimeter, EQ 605	02
14	Digital Colourimeter, 113	01
15	Digital Colourimeter, CL 157	01
16	UV Cabinet , KUVC2	01
17	Platinum Electrode	08
18	Calomel Electrode	09
19	Fluoride Electrode	01
20	Melting Point apparatus	02
21	Hand Centrifuge Machine	04
22	Analytical Balance with weight Box	21
23	Single pan Balance (Electrical)	01
24	Electrical Centrifuge	02
25	Refrigerator	01
26	Muffle Furnace Programmable	01
27	Hot Plate with M.S Top with Energy Regulator	06
28	Heating Mantle-250 ml	09
29	Heating Mantle-500ml	02
30	Vaccum Pump with oil free motor	01
31	Mini Rotary Shaker	01
32	UltraSound Cleaner 5.5 litre Capacity	01
33	Water still (Wall Mounting)	01



Glassware

S.No	Name of the Instrument	Number of Items
1	Burette	22
2	Boiling Testtubes	87
3	Beakers (Plastic) 2 litres 1 litre 250 ml	03 01 02
4	Buchner Flask	01
5	Beakers(Glass) 500 ml 250ml 125ml	12 14 17
6	Conical Flask 250ml	57
7	Crucible	02
8	Distillation Assembly	03
9	Iodine Flask	02
10	Kipps Apparatus(Glass)	01
11	Kjeldahl Flask	01
12	Measuring Cylinder 500 ml 250 ml 100 ml 50 ml 25 ml	01 01 01 01 10
13	Pipettes 10 ml 20 ml	25 41
14	Round Bottom Flask	20
15	Stalagmometer	38
16	Seperating funnel	04
17	Silica Crucible With Lids	05
18	Test tubes	980
19	Thermometers	17
20	Volumetric Flask 100 ml 250 ml	16 28
21	Viscometers	15
22	Watch Glasses	07
23	Weighing Bottles	13
24	Reagent Bottles	100



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Miscellaneous Items

S.No	Name of the Instrument	Number of Items
1	Gas Cylinders	02
2	Gas Regulator	01
3	Gas Consumer Book(Consumer No-612345)	01
4	Exhaust Fan	03
5	Spirit Lamps	04
6	Bunsen Burners	06
7	Bio Visual Charts	06
8	Mortar and pestle	04
9	OHP screen with metal stand	01
10	Magnetic Paddles	07
11	Stop Clock	09
12	Test Tube Holders	20
13	Test Tube Stands	18
14	Tripod Stands	03
15	Crucible Tongs	09
16	Glazed Tiles	35
17	Platinum Wire for flame test	26
18	Burette Stands with clamps	15
19	Kipps apparatus(Plastic)	02
20	Steel Office Almira	03
21	Office Tables	03
22	S-Type Chairs	09
23	Cushion Chair	01
24	Plastic Chairs	04
25	Wooden Tables	07
26	Wooden Long Bench	01
27	Wooden Racks(small-wall mountable)	02
28	Wooden Racks (Big)	02
29	Steel Racks	03
30	Ceiling Fans	03
31	DELL Desktop Computer System –OPTIPLEX 990 model(Intel Core i7 +Windows 7) with monitor	01