



Rayat Shikshan Sanstha's
R.B. Narayanrao Borawake College, Shrirampur
(AUTONOMOUS)
(Affiliated to Savitribai Phule Pune University, Pune)

4.1.1. The institution has adequate facilities for teaching-learning, viz, classrooms, laboratories, computing equipment, etc.

Additional Information:

➤ **Details of Classrooms, Laboratories and Equipments**

Infrastructure of the institute comprises eight separate buildings as described below:

Sr. No.	Name of Building	Details		Area (sqm)
1	Administrative Building (Block-B)	Ground Floor	Principal Cabin, Registrar Cabin, Meeting Hall, Waiting Areas, Reception Table, Office.	527.29
		First Floor	Seminar Hall, Two Anti Chambers, Two Toilet Blocks And Area For Seating.	527.29
2	Main College Building (Block-A)	Ground Floor	Principals Cabin, Departments: Geography, Statistics, Mathematics, Computer Science And Botany, Two Comport Labs, Five Laboratories, Seven Classrooms, Examination Office, Store Room and Two Toilet Blocks	2632.70
		First Floor	Physics Department, Six Laboratories, One Computer Lab, Staff Room and Thirteen Classrooms	2670.32
3	Block-C	Ground Floor	Classrooms, Staff Room, Yashwantrao Chavan Maharashtra Open University Centre	437.02
		First Floor	T. B. S. S. B. P.O Centre.	437.02
		Second Floor	Classrooms	437.02
4	Aniket Hall (Block-D)	Ground Floor	Reading Hall.	413.10
		Ground Floor	Librarian Cabin, Book Issue Counter, Toilet Block.	390.71

5	Library Building (Block-E)	First Floor	Computer Lab, Reference Book Section, Two Cabins and Toilet Block.	390.71
6	Chemistry Department (Block-F)	Ground Floor	Water-Soil Analysis Centre-Two Laboratories, Staff Room, Two Laboratories.	452.88
		First Floor	Three Laboratories, Staff Room and Computer Lab.	452.88
		Second Floor	One Laboratories and One LCD Classroom	452.88
7	Faculty of Science (Block-H)	Ground Floor	Four Classrooms and Two Staff Rooms	680.75
		First Floor	Four Classrooms and Two Staff Rooms	680.75
		Second Floor	Four Classrooms and Two Staff Rooms	680.75
8	Arts and Fine Arts (Block-I)	Ground Floor	Departments: Marathi, Economics, History, Hindi, Politics, Psychology and Education; One Laboratories, Three Classrooms and Two Toilet Blocks.	781.22
		First Floor	English Department, English Language Laboratories, One LCD Classroom, Four Classrooms	781.22
		Second Floor	Competitive Examination Centre, Five Classrooms	781.22

College Laboratories and its Area

Sr. No.	Hall No./Name	Area in sq. ft.	Department	Block
1	4	240	Geography: Computer Lab	A
2	5	886.25	Geography	A
3	8	442.5	Statistics	A
4	9	370	Mathematics	A
5	10	585	Computer Lab: maths & stat	A
6	11	1200	Computer Lab	A
7	17	1182.56	Botany	A
8	22	1758.75	Botany	A
9	27	1331.25	Physics	A
10	28	404.12	Physics	A
11	29	1220	Physics	A
12	40	1260.25	Zoology	A
13	41	1792.75	Zoology	A

14	47	927.93	Physics Computer Lab	A
15	Computer Lab	760	Computer	C
16	Electronic Lab	240	Computer	C
17	1	351.63	Chemistry: Soil water analysis Lab	F
18	4	1145.81	Inorganic Lab	F
19	6	625.43	Research Lab	F
20	7	2144	Chemistry	F
21	First Floor	564.06	Chemistry: DST-FIST Instrumentation Lab	F
22	First Floor	771.75	Chemistry: Analytical Lab	F
23	Second Floor	544.5	Physical Chemistry Lab	F
24	Second Floor	1568	Organic Chemistry Lab	F
25	Second Floor	395.31	Chemistry Computer Lab	F
26	1	892.5	Psychology	I
27	11	1200	English	I
–	Total	24804.35	–	–

College Classrooms and its Area:

Sr. No.	Hall No.	Building Block	Area (sq. ft.)
1	2	A	656.25
2	3	A	645.45
3	8	A	442.5
4	9	A	370
5	5	A	866.25
6	12	A	1192.5
7	14	A	592.5
8	15	A	1192.5
9	16	A	1200
10	16	A	438.81
11	19	A	243.18
12	22	A	287.5
13	30	A	1235.25
14	31	A	1235.25
15	32	A	610
16	34	A	610
17	35	A	1212.37
18	36	A	1242.87
19	37	A	1227.63

20	38	A	449.87
21	42	A	927.93
22	43	A	891.19

23	44	A	918
24	45	A	927.93
25	46	A	909.56
26	Locas Hall	C	600
27	Italc Hall	C	800
28	Ental	C	800
29	Param Hall	C	800
30	Lecture Hall	F	878.63
31	Lecture Hall	F	816
32	2	D	1200
33	3	D	1200
34	4	D	1200
35	5	D	1200
36	8	D	1200
37	9	D	1200
38	10	D	1200
39	11	D	1200
40	14	D	1200
41	15	D	1200
42	16	D	1200
43	17	D	1200
44	1	I	585
45	2	I	585
46	3	I	1192.5
47	7	I	772.5
48	8	I	750
49	9	I	750
50	10	I	1192.5
51	12	I	750
52	13	I	750
53	14	I	1200
54	15	I	1198.5
55	16	I	750
56	17	I	750
Total area			50845.92

Institute has well equipped common facility centre (CFC) with the following instruments for research.

Sr. No.	Name of Instrument / Equipment
1	PH meter/ Elico
2	Photoelectric Colorimeter / Elico-EL-2.23
3	Potentiometer / EQ-601 Equiptronics
4	Conductivity Meter / Model-306 Systronic
5	Nephelo Meter / Model CL-52/D
6	Turbidity Meter/ Model CL-52/D
7	Hot Air Oven/ Biotechnic+ Electronic Relay Unit
8	Hot Plate/ Biotechnic
9	Magnetic Stirrer/ Remi
10	Magnetic Stirrer/ Remi
11	Water Bath/ Kumar
12	High Vacuum Cum Pressure Pump/ R/210 Superfit
13	Water Still - Manesty Pattern/ Kumar Model-KI-38-02
14	Water Still - Manesty Pattern/ Kumar
15	Orbital Shecal Tube/ Biotechnic
16	Magnetic Stirrer/ Remi
17	Glassware Drier/ Kumar KI-12C
18	Abbes' Refractometer/ AR-56/Coslab
19	Water bath/ Biotechnic
20	Geiger Counting System/ Besto/Coslab
21	Cooling Centrifuge/ Remi
22	Cooling Centrifuge/ Remi + Voltage Stabilizer
23	All Glass Single Distillation Unit/ Borosil
24	Electrical Mortar & Pestle/ Remi
25	Flame Photometer/ Elico
26	Tablet Dissolution Rate Test Apparatus/ Veego
27	Water Bath/ Kumar

28	Analytical Balance/ Contech
29	High Precision Laboratory Balance/ Contech
30	BOD Incubator(BOD Analyzer)/ Biotechnic
31	Kipp's Apparatus/ Borosil
32	Kipp's Apparatus/ Borosil
33	Water Bath/ Biotechnic
34	Digester (Digital) : Model BTI-12/ Biotechnic
35	Oil Bath (Round) (Argon Welded)/ Biotechnic
36	Heating Mantles/ Biotechnic
37	Heating Mantles/ Biotechnic
38	Heating Mantles/ Biotechnic
39	Orbital Shaker table top MSW 300 TT/ Biotechnic
40	Multi-magnetic stirrer MSW-314/ Remi
41	U. V. Cabinet- BTI-49/ Biotechnic
42	Portable soil and water analysis kit MSW-562/ Biotechnic
43	Deep freeze Vertical MSW-106/ Kumar
44	Autoclave portable MSW-106/ Biotechnic
45	Microscope/ Biotechnic
46	Fuming Chamber/ Biotechnic

Instruments for Teaching Learning:

Sr. No.	Name of Instrument / Equipment
	Survey Instrument's
1	Plane Table with Stand and Accessories
2	Prismatic Compass with Stand
3	Gunter's Chain - 66 feet with Arrows
4	Tangent Clinometers
5	Diagonal Scale 6 inch Indian
6	Abney Level 9 inch

7	Indian Clinometers
8	Levelling Staff Brass Fitting 4 meters
9	Dumpy Level Quick Setting
10	Vernier Transit Theodolite
11	Measuring Tape - 30 meter
12	Land Measuring Chain
	Aerial Photography Instruments
13	Mirror Stereoscope
14	Pocket Stereoscope
15	Aerial Photographs B/W
16	Aerial Photographs Colour
17	Aerial Photographs B/W with Toposheet
	Weather Instruments
18	Barograph
19	Thermograph
20	Hair Hygrometer
21	Aneroid Barometer
22	Thermometer with Aneroid Barometer T shape German Made
23	Stevenson Screen Large Size
24	Wind Vane with Stand
25	Maximum Thermometer
26	Rainauge
27	Cup Anemometer
28	Dry and Wet Bulb Thermometer
29	Wall Thermometer
30	Pantograph 36 Inches

Photographs: Classrooms, Laboratories and Equipments



Classroom



Classroom



ICT Enabled Classroom



Classroom



Physics Laboratory



Physics Laboratory



Chemistry Laboratory



Chemistry Laboratory (Research Center)



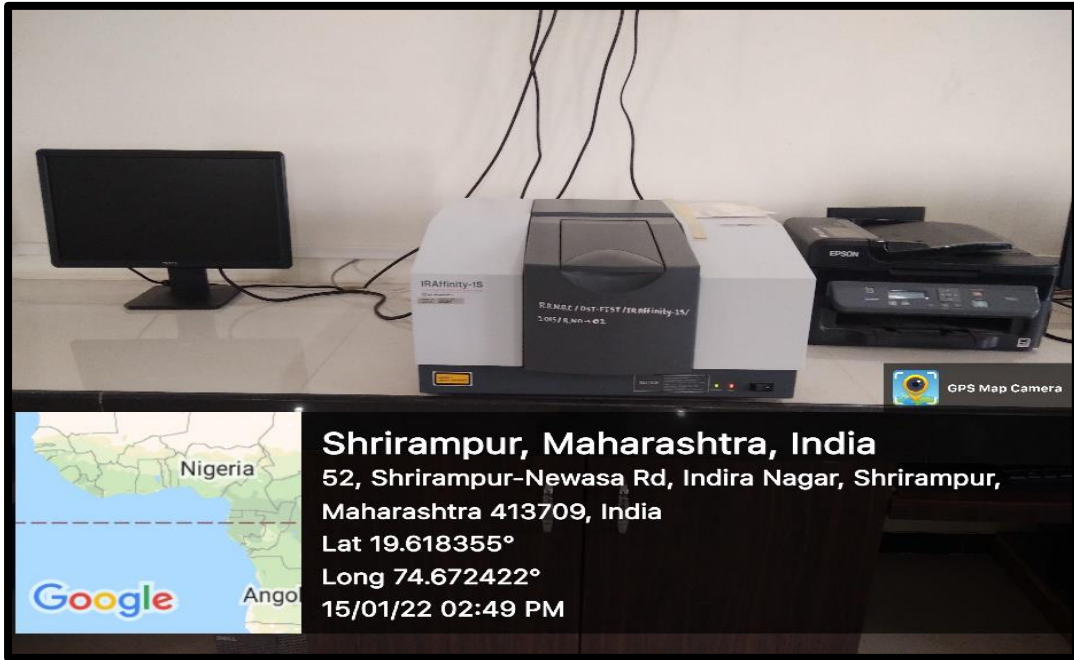
Chemistry Laboratory



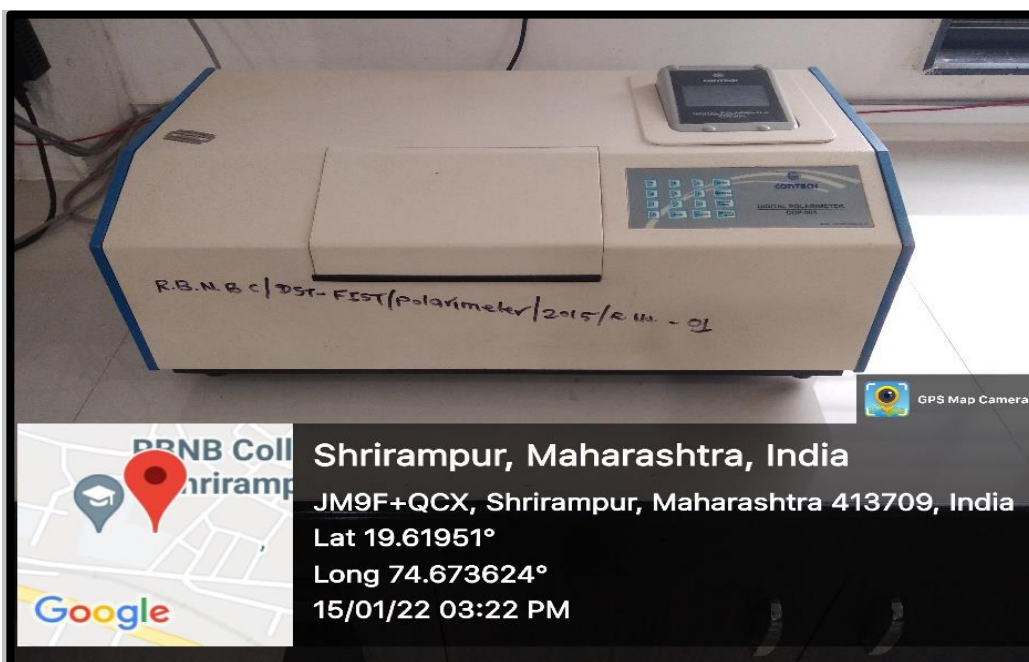
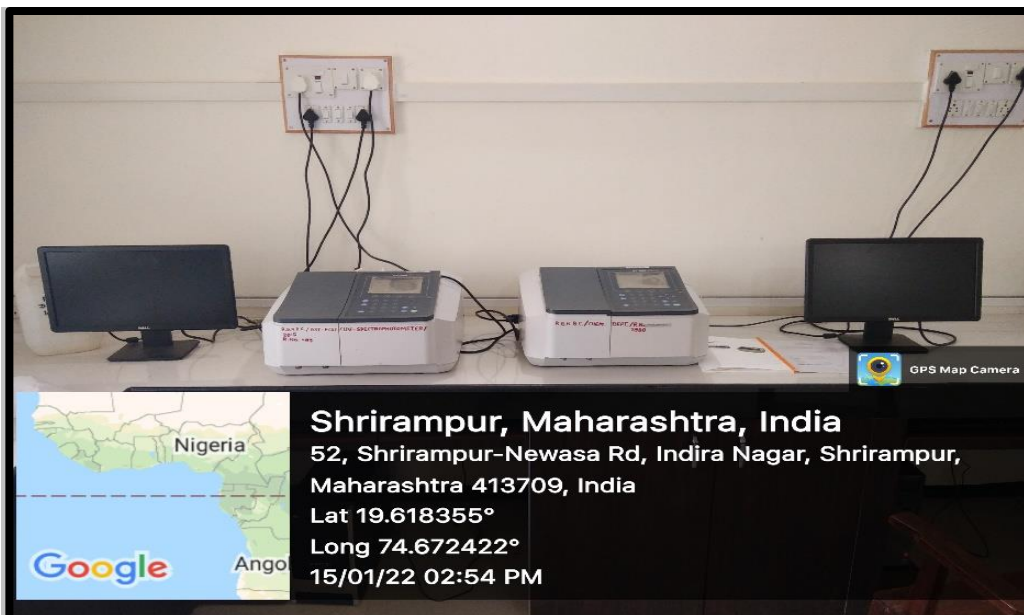
Geography Equipments



Geography Equipments



Instruments in DST-FIST Laboratory



Instruments in DST-FIST Laboratory

Photographs of teaching learning facilities







Fields of Psychology

- Developmental
- Physiological
- Experimental
- Personality
- Clinical and Counseling
- Social
- Industrial and Organizational









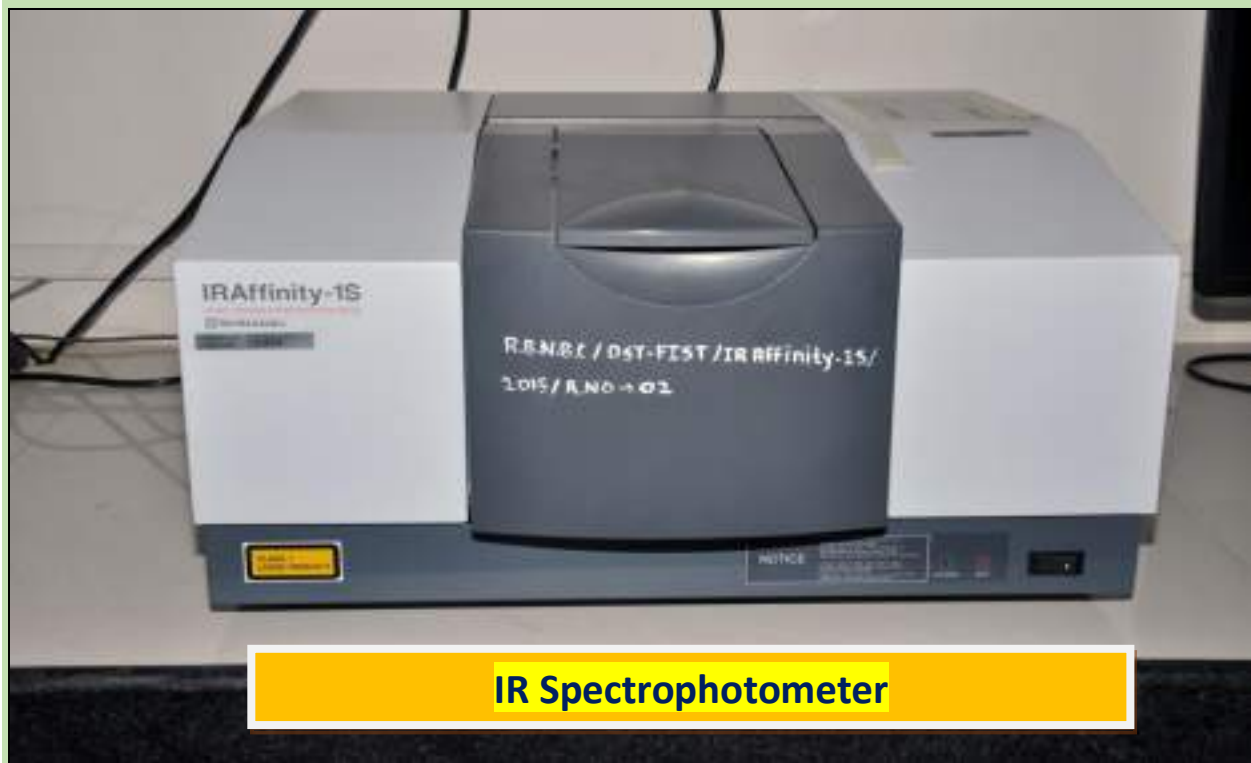


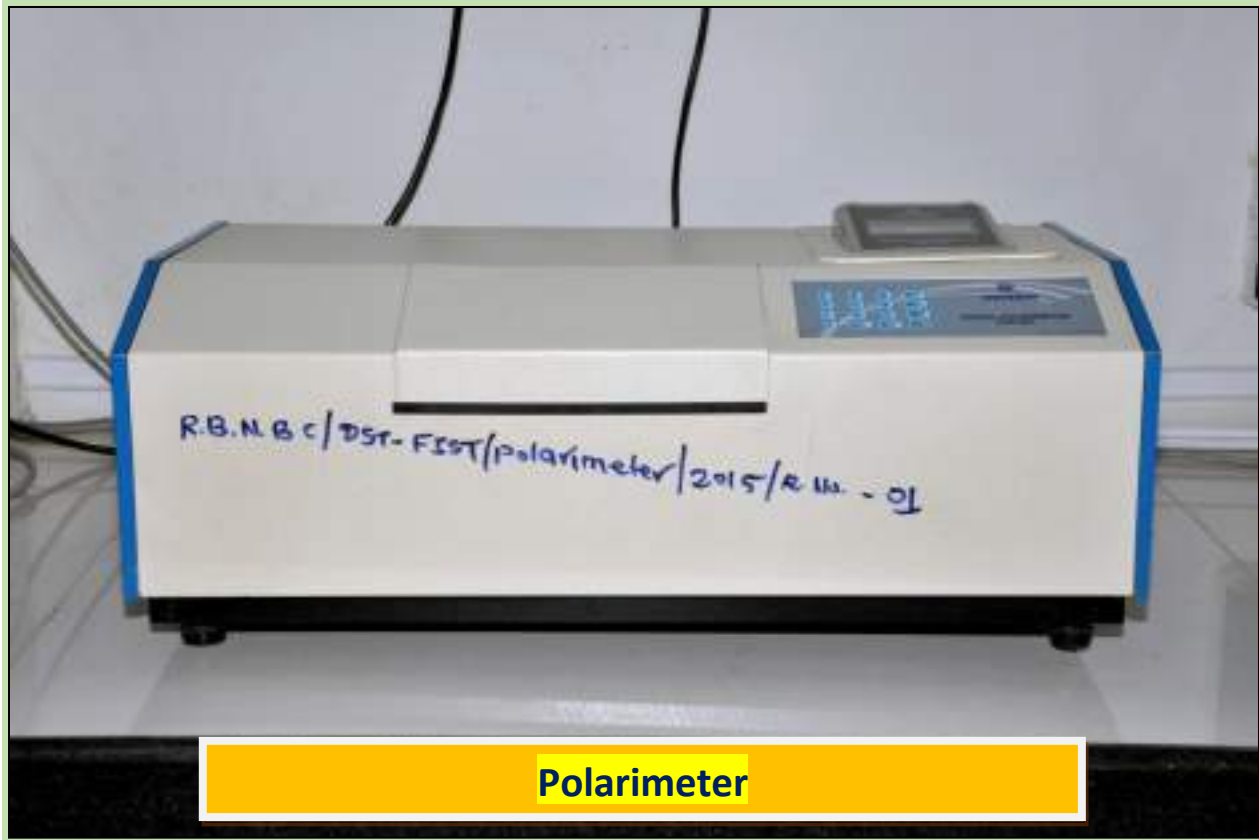


DST-FIST Instrumentation Facility Center



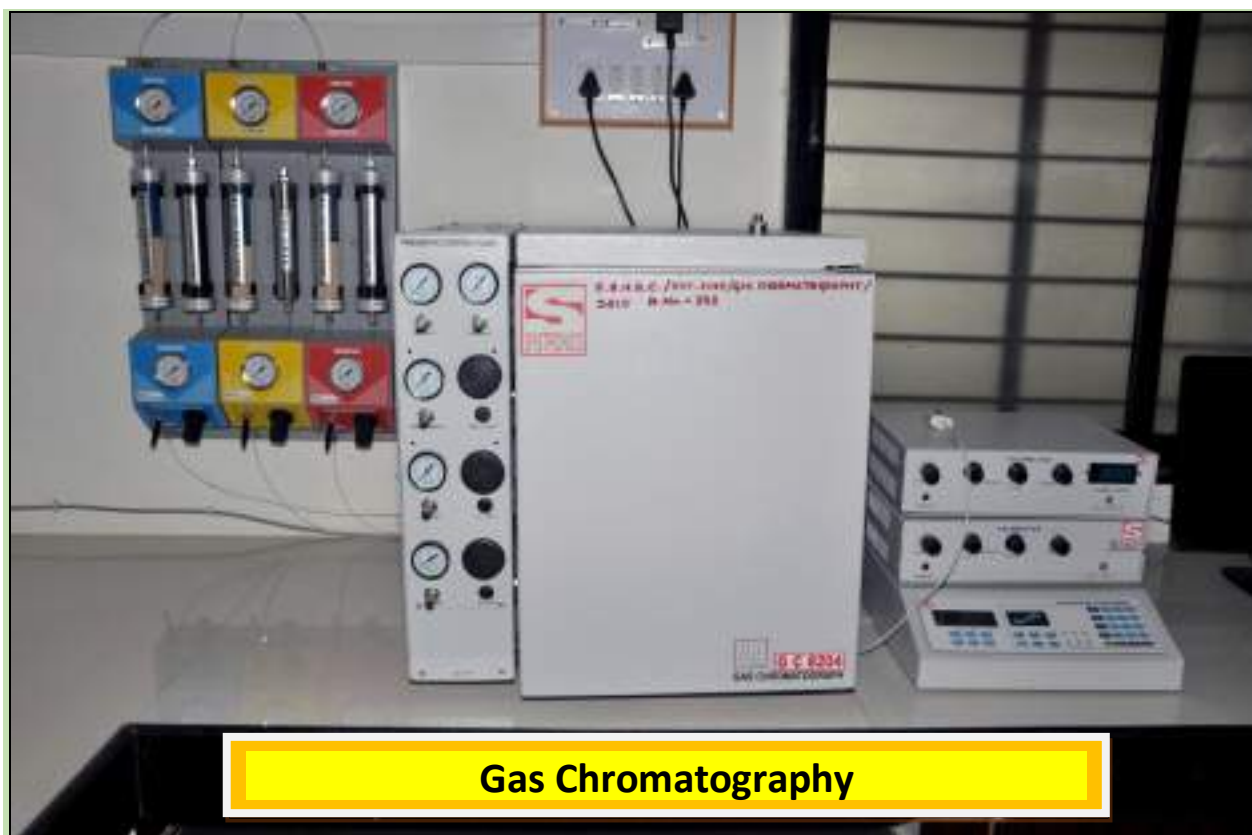
Thermogravemetric Analyzer





Polarimeter







Flame Photometer



Tablets Dissolution Test Apparatus



Hot Air Oven



Flame Emission Spectrophotometer



BOD Incubator