



LABORATORY INFORMATION

LABORATORY NAME: PHARMACEUTICAL CHEMISTRY

LABORATORY NO & FLOOR: 503, FIFTH FLOOR

LAB IN-CHARGE: MS. PRADNYA Y. PATIL

LAB ASSISTANT: MRS. JYOTI DAWKHAR

DEPARTMENT: PHARMACEUTICAL CHEMISTRY

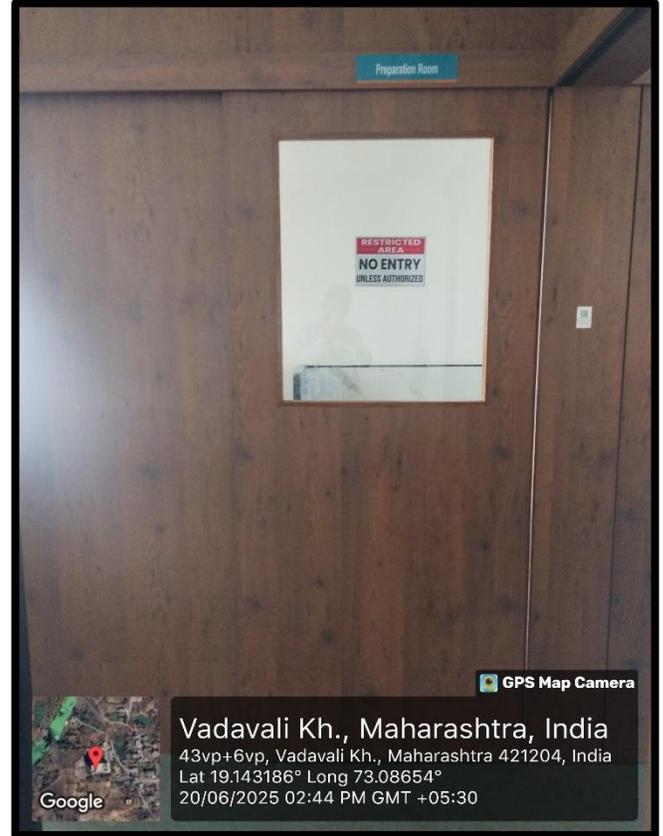
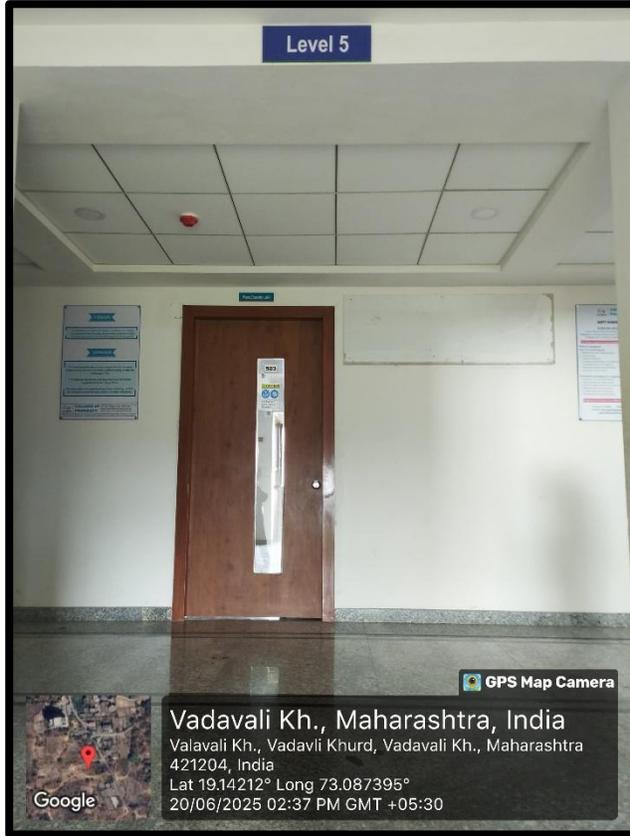
SUBJECT: PHARMACEUTICAL ORGANIC CHEMISTRY I, BIOCHEMISTRY.

ACADEMIC YEAR: 2024- 2025



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Photos

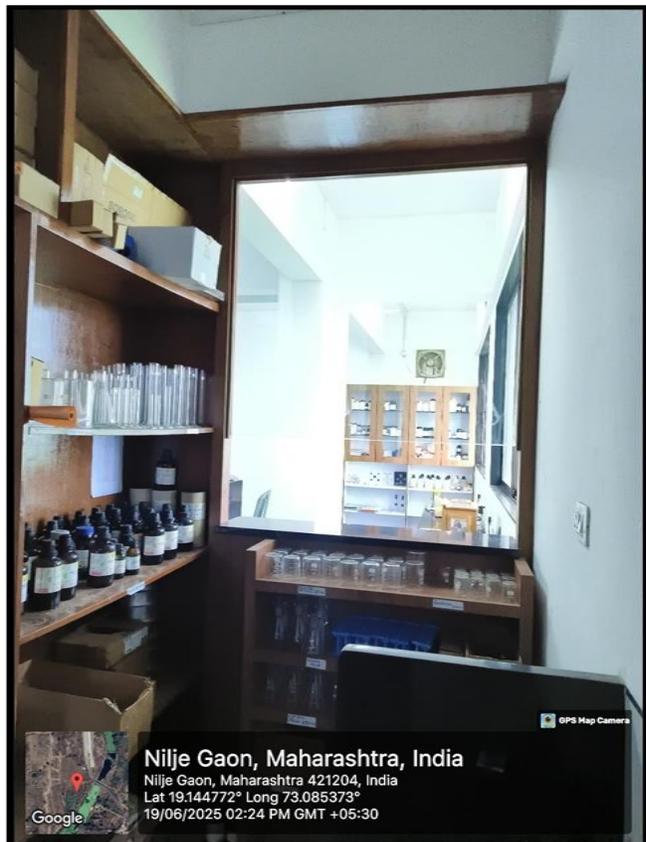




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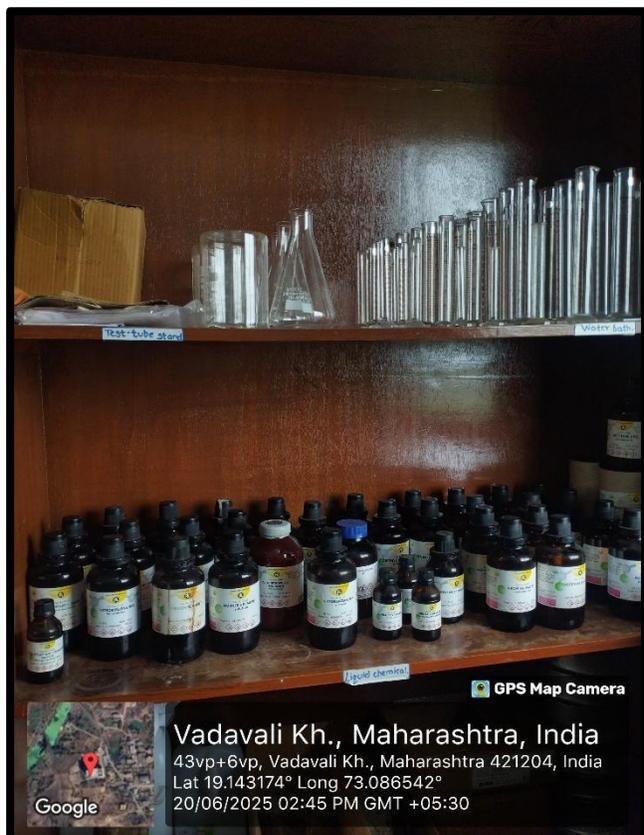
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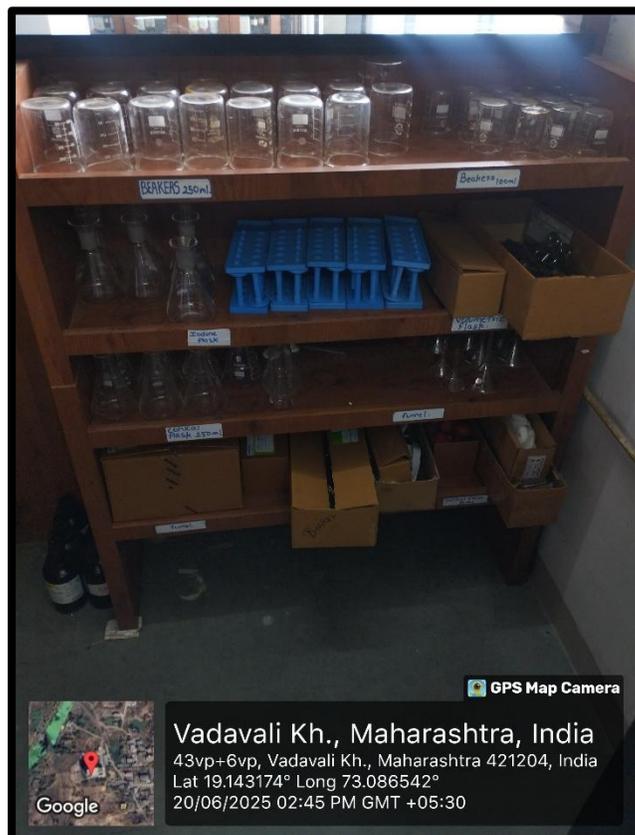
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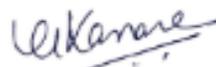


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Department: Pharmaceutical Chemistry**Lab No.: 503****Floor: 5th****Equipment List**

Sr. No.	Equipments	Quantity
1.	Analytical Balance	1
2.	Digital PH Meter	1
3.	Digital Colorimeter	1
4.	Distillation Unit	1
5.	Gutzeit Apparatus	2
6.	Hot Plate	1
7.	Magnetic Stirrer	3
8.	Melting Point Apparatus	1
9.	Precision Electronic Balance	1
10.	Vacuum Pump	2
11.	Water Bath Electrical	1
12.	Filtration Assembly with Vacuum Pump	1

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Department: Pharmaceutical Chemistry**Lab No.: 503****Floor: 5th****Chemical Lis**

Sr. No.	Chemical Name	Quantity
1.	Ammonium Bicarbonate	500gm
2.	Ammonium Thiocyanate	500gm
3.	Aluminium Sulphate.	500gm
4.	Acetamide	500gm
5.	Ammonium Chloride	500gm
6.	Acetanilide	500gm
7.	Aluminium Hydroxide gel	500gm
8.	A- Naphtol	100gm
9.	Ammonium Sulphate	500gm
10.	Acetyl Salicylic Acid	25gm
11.	Activated charcol	500gm
12.	Ammonium ferric Sulphate	500gm
13.	Atropine Sulphate	5gm
14.	Albumin Bovine	5gm
15.	Ammonium Molybdate	100gm
16.	Amesnic Oxide	500gm
17.	Ammonium Cerric Nitrate	250gm
18.	Ammonium Oxalate	500gm
19.	Ammonium Carbonate	500gm
20.	Aluminium chloride	500gm
21.	Ammonium Cerric Sulphate	500gm
22.	Ammonium Acetate	500gm
23.	Borax	500gm
24.	Barium Sulphate	500gm
25.	Bile Salt	100gm
26.	Benzamide	500gm
27.	Benzoic Acid	500gm
28.	Benzil	500gm
29.	Barium Nitrate	500gm
30.	Bromo Cresol green	25gm
31.	Bromothymol Blue	25gm
32.	B- Naphtol	500gm
33.	Bentonite Powder	500gm
34.	Barium chloride	500gm



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35.	Benzoin	500gm
36.	Buffer Capsules PH 7.0	10 No.
37.	Buffer Capsules PH 6.0	10 No.
38.	Buffer Capsules PH 4.0	10 No.
39.	Buffer Capsules PH 9.2	10 No.
40.	Cholesterol	25gm
41.	Creatinine	25gm
42.	Chlorpromazine	25gm
43.	Copper metal Powder	100 gm
44.	Caffeine	100gm
45.	Calcium Nitrate	250gm
46.	Copper Sulphate	500gm
47.	Casein	250gm
48.	Calcium Gluconate	500gm
49.	Calcium D-Saccharate	500gm
50.	Calcium chloride	500gm
51.	Citric Acid	500gm
52.	Dextrose trose	500gm
53.	Di-phenyl Carbazide	25gm
54.	Eosine Spirit Soluble	25gm
55.	Ethylenediamine EDTA	500gm
56.	EDTA Plain	500gm
57.	Ferrous Sulphate	500gm
58.	Ferric chloride	500gm
59.	Ferrous phosphate.	500gm
60.	Gelatin Powder	500gm
61.	Glycerol mono Stearate	250gm
62.	Ibuprofen	100gm
63.	Iron metal	500gm
64.	Iodine	50gm
65.	Lead Acetate	500gm
66.	L- Ascorbic Acid	500gm
67.	Lead nitrate	500gm
68.	Lactose	500gm
69.	L-tryptophane	5gm
70.	L-tyrosine	25gm
71.	Magnesium Sulphate	500gm
72.	Hydroxide	500gm
73.	Mercuric chloride	250gm
74.	Mercuric Sulphate	250gm
75.	Methyl Orange	25gm
76.	Mercuric Nitrate	500gm
77.	Naphthalene balls	500gm
78.	O-phenylendiamine	500gm
79.	Oxalic Acid	500gm



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80.	Resorcinol	500gm
81.	Thiourea	500gm
82.	Tannic Acid	100gm
83.	Thymolphthalein.	500gm
84.	Sodium Lauryl Sulphate	500gm
85.	Stearic Acid	500gm
86.	Sulphur Powder	500gm
87.	Salicylic Acid	500gm
88.	Sulphanilamide	500gm
89.	Sodium Cobaltinitrite	500gm
90.	Sodium Oxalate	500gm
91.	Sodium Sulphide	500gm
92.	Sodium Thiosulphate	250gm
93.	Stannous chloride	250gm
94.	Sodium Carbonate	500gm
95.	Starch maize Powder	500gm
96.	Sodium Acetate	500gm
97.	Sodium Nitrate	500gm
98.	Sodium Hydroxide	500gm
99.	Sodium Bicarbonate.	500gm
100.	Soda lime	500gm
101.	Sodium Phosphate	500gm
102.	Sodium Metal	100gm
103.	Sodium Nitroprusside	500gm
104.	Sodium Chloride	500gm
105.	Silver Nitrate	15gm
106.	P-Amino Benzoic Acid	500gm
107.	Potassium Oxalate	500gm
108.	Potassium Permanganate	500gm
109.	Phthalic Anhydride	500gm
110.	Phenanthalinc	100gm
111.	Potassium Bromate	500gm
112.	Potassium chloride	500gm
113.	Potassium Sulphate	500gm
114.	Potassium Iodide	500gm
115.	Potassium ferricyanide	500gm
116.	Potassium ferrocyanide	100gm
117.	Picric Acid	500gm
118.	Potassium Hydrogen phthalate	500gm
119.	Potassium Hydroxide,	500gm
120.	Potassium carbonate	500gm
121.	Potassium Chromate	100gm
122.	Phenyl Hydrazine HCL	100gm
123.	Potassium thiocyanate	250gm
124.	Phenolphthaline	100gm

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125.	Potassium Acetate	500gm
126.	Potassium Iodate	500gm
127.	Potassium Hydrogen Phthalate.	500gm
128.	Peptone	500gm
129.	Paracetamol	500gm
130.	Potassium Pyroantimonate	500gm
131.	Potassium Dichromate	500gm
132.	Potassium Sulphate	500gm
133.	Zinc Sulphate	500gm
134.	Zinc metal Dust	250gm
135.	Zinc metal	500gm
136.	Urea	500gm
137.	Ureanyl magnesium	5gm
138.	Acetone	500 ml
139.	Ammonia Solution	500 ml
140.	Aniline 99%	500 ml
141.	Benzaldehyde 99%	500 ml
142.	Benzene Sulphonyl Chloride	500 ml
143.	Benzene Sulphenyl Chloride	500 ml
144.	Benzoyl Chloride 98%	500 ml
145.	Bromine Water	500 ml
146.	Castor Oil Extra Pure	500 ml
147.	Chloroform 99%	500 ml
148.	Di-Ethyle -Ether 98%	500 ml
149.	Di-Methyl Formide 99%	500 ml
150.	Ehrlich's Reagent	125 ml
151.	Ethyl Acetoacetate	500 ml
152.	Ferrous Solution	100 ml
153.	Fouchet's Reagent	125 ml
154.	Hydrogen Sulphide Solution	500 ml
155.	Methyl Salicylate 99%	500 ml
156.	Molish Reagent	500 ml
157.	Morner's Reagent	500 ml
158.	Nitrobenzene	500 ml
159.	O-Cresol	500 ml
160.	O-Tolidine Reagent	500 ml
161.	O-Toluidine 99%	500 ml
162.	Phenol 89%	500 ml
163.	Phenyl Hydrazine	500 ml
164.	Pyridine	500 ml
165.	Strontium A Standard	125 ml
166.	Toilens Reagent	500 ml
167.	Toluene	500 ml
168.	Barfoed's Reagent	500 ml
169.	Benedict's Reagent	500 ml



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170.	Chlorine Water	500 ml
171.	Esbach's Reagent	125 ml
172.	Ethanol 95%	500 ml
173.	Fehling Solution A	500 ml
174.	Fehling Solution B	500 ml
175.	Ferroun Solution	125 ml
176.	Hypobromite Solution	500 ml
177.	Mayer's Reagent	500 ml
178.	Methanol 99%	500 ml
179.	Ninhydrin Solution	125 ml
180.	Paraffin Liquid (Light	500 ml
181.	Paraffin Liquid (Heavy)	500 ml
182.	Phenol Red	125 ml

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Department: Pharmaceutical Chemistry**Lab No.: 503****Floor: 5th****Glasswares List**

Sr. No.	Glasswares	Quantity
1.	Beaker-50ml	25
2.	Beaker 100m	40
3.	Beaker250ml	50
4.	Beaker 500ml	5
5.	Beaker 1000ml	5
6.	Conical Flask - 50ml	40
7.	Conical Flask 100ml	30
8.	Conical Flask - 250ml	40
9.	Burette	40
10.	Burette Clamp Small	40
11.	Burette damp big	30
12.	Condenser	20
13.	Burette Stand	40
14.	Funnel 55mm	20
15.	Funnel 15mm	30
16.	Gloss Rod	40
17.	Buchner funnel	5
18.	Evaporating Dish	15
19.	Measuring Cylinder - 5ml.	5
20.	Measuring Cylinder - 10ml	10
21.	Measuring Cylinder - 25ml	15
22.	Measuring Cylinder - 50ml	30
23.	Measuring Cylinder 100ml	40
24.	Test Tube	200
25.	Theil Tube	15
26.	Test Tube Holder.	30
27.	Test Tube Stand	25
28.	Thermometer	20
29.	Tong	30
30.	Tripod Stand	25
31.	Round Bottom flask	30
32.	Rubber Bulb	40
33.	Pipette 1ml	15
34.	Pipette 2ml	20
35.	Pipette 5ml	10



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36.	Pipette 10m	5
37.	Pipette 25ml	5
38.	Volumetric flask	15
39.	Water Bath	30
40.	Wire Gauze	30
41.	Volumetric Flask 1000ml	5
42.	Volumetric Flask 500ml	10

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