

**College Name:** .....

### Lesson Plan

**Program - D. Pharm**

**Year – First**

**Subject: Pharmaceutical Chemistry**

**Session – 2022- 2023**

S. No.	Date	Day	Subject	L	T	P	Total
1.		D Day					
2.		D+1	Introduction to Pharmaceutical chemistry	1	0	0	1
3.		D+2	Sources and types of errors	1	0	0	1
4.		D+3	Impurities in Pharmaceuticals	1	0	0	1
5.		D+4	Volumetric Analysis	1	0	0	1
6.		D+5	<b>REVISION</b>	0	1	0	1
7.		D+6	Acid-Base Titration	1	0	0	1
8.		D+7	Non-Aqueous Titration	1	0	0	1
9.		D+8	Precipitation Titration	1	0	0	1
10.		D+9	Complexometric Titration	1	0	0	1
11.		D+10	Tutorial (Problem solving session/ class test)	0	1	0	1
			<b>TOTAL</b>	8	2	0	<b>10</b>
12.		D+11	Redox Titration	1	0	0	1
13.		D+12	Gravimetric Analysis	1	0	0	1
14.		D+13	Haematinics	1	0	0	1
15.		D+14	Gastrointestinal Agents	1	0	0	1
16.		D+15	<b>REVISION</b>	0	1	0	1
17.		D+16	Antacids	1	0	0	1
18.		D+17	Cathartics	1	0	0	1

19.		D+18	Acids, bases and buffers	1	0	0	1
20.		D+19	Antioxidants	1	0	0	1
21.		D+20	Tutorial (Problem solving session/ class test)	0	1	0	1
			<b>TOTAL</b>	<b>8</b>	<b>2</b>	<b>0</b>	<b>10</b>
22.		D+21	Protective and Adsorbent	1	0	0	
23.		D+22	Topical agents	1	0	0	1
24.		D+23	Dental products	1	0	0	1
25.		D+24	Medicinal gases	1	0	0	1
26.		D+25	<b>REVISION</b>	0	1	0	1
27.		D+26	Introduction to nomenclature of organic compound	1	0	0	1
28.		D+27	Heterocyclic compounds	1	0	0	1
29.		D+28	Drugs Acting on Central Nervous System	1	0	0	1
30.		D+29	Anaesthetics	0	1	0	1
31.		D+30	Tutorial (Problem solving session/ class test)	1	0	0	
			<b>TOTAL</b>	<b>8</b>	<b>2</b>	<b>0</b>	<b>10</b>
32.		D+31	Sedatives and Hypnotics	1	0	0	1
33.		D+32	Antipsychotics	1	0	0	1
34.		D+33	Anticonvulsants	1	0	0	1
35.		D+34	Anti-Depressants	1	0	0	1
36.		D+35	<b>REVISION</b>	0	1	0	1
37.		D+36	Drugs Acting on Autonomic Nervous System	1	0	0	1
38.		D+37	Sympathomimetic Agents	1	0	0	1
39.		D+38	Adrenergic Antagonists	1	0	0	1
40.		D+39	Cholinergic Drugs and Related Agents	1	0	0	1
41.		D+40	Tutorial (Problem solving session/ class test)	0	1	0	1
			<b>TOTAL</b>	<b>8</b>	<b>2</b>	<b>0</b>	<b>10</b>
42.		D+41	Cholinergic Blocking Agents	1	0	0	1
43.		D+42	Synthetic Cholinergic Blocking Agents	1	0	0	1

44.		D+43	Drugs Acting on Cardiovascular System	1	0	0	1
45.		D+44	Anti-Arrhythmic Drugs	1	0	0	1
46.		D+45	<b>REVISION</b>	0	1	0	1
47.		D+46	Anti-Hypertensive Agents	1	0	0	1
48.		D+47	Antianginal Agents	1	0	0	1
49.		D+48	Diuretics	1	0	0	1
50.		D+49	Hypoglycemic Agents	1	0	0	1
51.		D+50	Tutorial (Problem solving session/ class test)	0	1	0	1
			<b>TOTAL</b>	<b>8</b>	<b>2</b>	<b>0</b>	<b>10</b>
52.		D+51	Analgesic	1	0	0	1
53.		D+52	Anti-Inflammatory Agents	1	0	0	1
54.		D+53	Nonsteroidal Anti- Inflammatory Agents (NSAIDs)	1	0	0	1
55.		D+54	Antifungal Agents	1	0	0	1
56.		D+55	<b>REVISION</b>	0	1	0	1
57.		D+56	Urinary Tract Anti-Infective Agents	1	0	0	1
58.		D+57	Anti-Tubercular Agents	1	0	0	1
59.		D+58	Antiviral Agents	1	0	0	1
60.		D+59	Antimalarials	1	0	0	1
61.		D+60	Tutorial (Problem solving session/ class test)	0	1	0	1
			<b>TOTAL</b>	<b>8</b>	<b>2</b>	<b>0</b>	<b>10</b>
62.		D+61	Sulfonamides	1	0	0	1
63.		D+62	Antibiotics	1	0	0	1
64.		D+63	Beta Lactum Antibiotic	1	0	0	1
65.		D+64	Tetracyclines Antibiotics	1	0	0	1
66.		D+65	<b>REVISION</b>	0	1	0	1
67.		D+66	Macrolides Antibiotics	1	0	0	1
68.		D+67	Anti-Neoplastic Agents	1	0	0	1
69.		D+68	Cyclophosphamide Medicine	1	0	0	1
70.		D+69	Fluorouracil Medicine	1	0	0	1

71.		D+70	Tutorial (Problem solving session/ class test)	0	1	0	1
			<b>TOTAL</b>	<b>8</b>	<b>2</b>	<b>0</b>	<b>10</b>
72.		D+71	Chloramphenicol	1	0	0	
73.		D+72	Amoxicillin Medicine	1	0	0	1
74.		D+73	Dapsone Medicine	1	0	0	1
75.		D+74	Sulfacetamide Medicine	1	0	0	1
76.		D+75	<b>REVISION</b>	0	1	0	1
77.		D+76	Mefloquine Medicine	1	0	0	1
78.		D+77	Chloroquine Phosphate Medicine	1	0	0	1
79.		D+78	Acyclovir Medicine	1	0	0	1
80.		D+79	Isoniazid Medicine	0	1	0	1
81.		D+80	Tutorial (Problem solving session/ class test)	1	0	0	
			<b>TOTAL</b>	<b>8</b>	<b>2</b>	<b>0</b>	<b>10</b>
82.		D+81	Ofloxacin Medicine	1	0	0	
83.		D+82	Fluconazole Medicine	1	0	0	1
84.		D+83	Ketoconazole Medicine	1	0	0	1
85.		D+84	Metformin Medicine	1	0	0	1
86.		D+85	<b>REVISION</b>	0	1	0	1
87.		D+86	Glibenclamide Medicine	1	0	0	1
88.		D+87	Frusemide Medicine	1	0	0	1
89.		D+88	Aspirin Medicine	1	0	0	1
90.		D+89	Propranolol Medicine	0	1	0	1
91.		D+90	Tutorial (Problem solving session/ class test)	1	0	0	
			<b>TOTAL</b>	<b>8</b>	<b>2</b>	<b>0</b>	<b>10</b>
92.		D+91	<b>REVISION</b>	1	0	0	
93.		D+92	<b>REVISION</b>	1	0	0	1
94.		D+93	<b>REVISION</b>	1	0	0	1
95.		D+94	<b>REVISION</b>	1	0	0	1
96.		D+95	<b>REVISION</b>	0	1	0	1

<b>97.</b>		D+96	<b>REVISION</b>	1	0	0	1
<b>98.</b>		D+97	<b>REVISION</b>	1	0	0	1
<b>99.</b>		D+98	<b>REVISION</b>	1	0	0	1
<b>100.</b>		D+99	<b>REVISION</b>	0	1	0	1
<b>101.</b>		D+100	Tutorial (Problem solving session/ class test)	1	0	0	
			<b>TOTAL</b>	<b>8</b>	<b>2</b>	<b>0</b>	<b>10</b>