



RAFFLES UNIVERSITY, NEEMRANA, ALWAR, RAJASTHAN  
SCHOOL: (SOP) SCHOOL OF PHARMACY

## Lesson Plan

**Program - D. Pharm**

**Year – Second**

**Subject: Hospital & Clinical Pharmacy**

**Session – 2023- 2024**

**Subject Teacher – Ms. Shivangi Pandit**

S. No.	Date	Day	Subject	L	T	P	Total
1.		D Day					
2.		D+1	Scope, national and international scenario of Hospital Pharmacy	1	0	0	1
3.		D+2	Organisational structure of Hospital	1	0	0	1
4.		D+3	Professional responsibilities of Hospital Pharmacist	1	0	0	1
5.		D+4	Qualifications and experience requirements for Hospital Pharmacist	1	0	0	1
6.		D+5	<b>REVISION</b>	0	1	0	1
7.		D+6	Workload requirements and interprofessional relationships of Hospital Pharmacist	1	0	0	1
8.		D+7	Good Pharmacy Practice (GPP) in hospital.	1	0	0	1
9.		D+8	Hospital Pharmacy Standards	1	0	0	1
10.		D+9	Introduction to NAQS guidelines	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	Introduction to NABH Accreditation	1	0	0	1
13.		D+12	Role of Pharmacists	1	0	0	1
14.		D+13	Pharmacy and Therapeutics Committee	1	0	0	1
15.		D+14	Hospital Formulary	1	0	0	1
16.		D+15	<b>REVISION</b>	0	1	0	1
17.		D+16	Infection Control Committee	1	0	0	1
18.		D+17	High-Risk drugs	1	0	0	1

19.		D+18	Emergency drugs	1	0	0	1
20.		D+19	Schedule H1 drugs	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	NDPS drugs	1	0	0	
23.		D+22	Reserved antibiotics	1	0	0	1
24.		D+23	Preparation of Drug lists – High-Risk drugs, Emergency drugs, Schedule H1 drugs, NDPS drugs, reserved antibiotics	1	0	0	1
25.		D+24	Procedures of Drug Purchases	1	0	0	1
26.		D+25	<b>REVISION</b>	0	1	0	1
27.		D+26	Inventory control techniques	1	0	0	1
28.		D+27	Economic Order Quantity of drugs	1	0	0	1
29.		D+28	Inventory Turnover	1	0	0	1
30.		D+29	Inventory Management of Central Drug Store	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	Storage conditions of medicines and others	1	0	0	1
33.		D+32	Devices used for cold storage	1	0	0	1
34.		D+33	FEFO & FIFO methods.	1	0	0	1
35.		D+34	Expiry drug removal and handling	1	0	0	1
36.		D+35	<b>REVISION</b>	0	1	0	1
37.		D+36	Disposal of Narcotics, cytotoxic drugs	1	0	0	1
38.		D+37	Documentation – purchase and inventory	1	0	0	1
39.		D+38	Drug Distribution	1	0	0	1
40.		D+39	Drug distribution (in-patients)	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	Drug distribution (out-patients)	1	0	0	1

43.		D+42	Definition, advantages and disadvantages of individual - prescription order method	1	0	0	1
44.		D+43	Definition, advantages and disadvantages of individual - Floor Stock Method	1	0	0	1
45.		D+44	Definition, advantages and disadvantages of individual – Unit Dose Drug Distribution Method	1	0	0	1
46.		D+45	<b>REVISION</b>	0	1	0	1
47.		D+46	Definition, advantages and disadvantages of individual – Drug Basket Method	1	0	0	1
48.		D+47	Distribution of drugs to ICCU/ICU/NICU/Emergency wards.	1	0	0	1
49.		D+48	Automated drug dispensing systems and devices	1	0	0	1
50.		D+49	Distribution of Narcotic substances and their storage	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	Distribution of Psychotropic substances and their storage	1	0	0	1
53.		D+52	Compounding in Hospitals.	1	0	0	1
54.		D+53	Bulk compounding	1	0	0	1
55.		D+54	IV admixture services and incompatibilities	1	0	0	1
56.		D+55	<b>REVISION</b>	0	1	0	1
57.		D+56	Total parenteral nutrition	1	0	0	1
58.		D+57	Radio Pharmaceuticals	1	0	0	1
59.		D+58	Storage, dispensing and disposal of radiopharmaceuticals	1	0	0	1
60.		D+59	Application of computers in Hospital Pharmacy Practice	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	Electronic health records	1	0	0	1
63.		D+62	Software used in hospital pharmacy	1	0	0	1
64.		D+63	Clinical Pharmacy	1	0	0	1
65.		D+64	Paediatrics	1	0	0	1
66.		D+65	<b>REVISION</b>	0	1	0	1
67.		D+66	Geriatric	1	0	0	1
68.		D+67	Anti-natal Care	1	0	0	1
69.		D+68	Post-natal Care	1	0	0	1

70.		D+69	Daily activities of clinical pharmacists	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	Definition, goal, and procedure of Ward round participation	1	0	0	
73.		D+72	Definition, goal, and procedure of Adverse drug reaction monitoring	1	0	0	1
74.		D+73	Definition, goal, and procedure of Medication history	1	0	0	1
75.		D+74	Definition, goal, and procedure of Interprofessional collaboration	1	0	0	1
76.		D+75	<b>REVISION</b>	0	1	0	1
77.		D+76	Definition, goal, and procedure of Treatment Chart Review	1	0	0	1
78.		D+77	Definition, goal, and procedure of Drug information and poisons information	1	0	0	1
79.		D+78	Definition, goal, and procedure of Patient counselling	1	0	0	1
80.		D+79	Classification of drug-related problems	0	1	0	1
81.		D+80	Tutorial (Problem solving session/ class test)	1	0	0	
82.			<b>TOTAL</b>	<b>8</b>	<b>2</b>	<b>0</b>	<b>10</b>
83.		D+81	Principles and procedures to provide pharmaceutical care	1	0	0	
84.		D+82	Haematological Test	1	0	0	1
85.		D+83	Liver function Test	1	0	0	1
86.		D+84	Renal function Test	1	0	0	1
87.		D+85	<b>REVISION</b>	0	1	0	1
88.		D+86	Thyroid function Tests	1	0	0	1
89.		D+87	Fluid and electrolyte balance	1	0	0	1
90.		D+88	Tests associated with cardiac disorders	1	0	0	1
91.		D+89	Pulmonary Function Tests	0	1	0	1
92.		D+90	Tutorial (Problem solving session/ class test)	1	0	0	
93.			<b>TOTAL</b>	<b>8</b>	<b>2</b>	<b>0</b>	<b>10</b>
94.		D+91	Types of poisoning: Clinical manifestations and Antidotes	1	0	0	1
95.		D+92	Drugs and Poison Information Centre and their services	1	0	0	1
96.		D+93	Pharmacovigilance	1	0	0	1
97.		D+94	Medication errors	1	0	0	1
98.		D+95	<b>REVISION</b>	0	1	0	1

<b>99.</b>		D+96	LASA drugs and Tallman lettering as per ISMP	1	0	0	1
<b>100.</b>		D+97	Drug Interactions	1	0	0	1
<b>101.</b>		D+98	<b>REVISION</b>	1	1	0	1
<b>102.</b>		D+99	<b>REVISION</b>	1	1	0	1
<b>103.</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>