

LESSON PLAN

SUBJECT-PHARMACOGNOSY(D.PHARM-I)

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SL NO	TITLE OF CHAPTER	THEORY DAY	TOPIC TO BE COVERED	DATE	ACTUAL PROGRESS	REMARK
1.	INTRODUCTION	1	Defnition, history, present status of Pharmacognosy			
		2	Present status scope of Pharmacognosy			
2.	CLASSIFICATION OF DRUGS	3	• Alphabetical			
		4	• Taxonomical			
		5	• Morphological			
		6	• Pharmacological • Chemical			
		7	• Chemo-taxonomical			
3.	QUALITY CONTROL OF CRUDE DRUGS:	8	• Different methods of adulteration of crude drugs			
		9	• Different methods of adulteration of crude drugs			
		10.	• Different methods of adulteration of crude drugs			
		11.	• Evaluation of crude drugs			
		12	• Evaluation of crude drugs			
		13	• Evaluation of crude drugs			
4.	Brief outline of occurrence, distribution, isolation, identification tests, therapeutic activity and pharmaceutical applications of:	14.	Alkaloids			
		15.	Terpenoids			
		16.	Glycosides			
		17.	Volatile oils			
		18.	Tannins			
		19.	Tannins			
		20.	Resins			
		5.	Biological source, chemical constituents and therapeutic efficacy of the following categories of crude drugs.			
Laxatives	21.	Aloe, Castor oil				
	22	Ispaghula, Senna				
Cardiotonic	23	Digitalis, Arjuna				
Carminatives and G.I. regulators	24.	Coriander, Fennel,				
	25.	Cardamom, Ginger				
	26.	Clove, Black Pepper,				
	27.	Asafoetida, Nutmeg, Cinnamon				
Astringents	28.	Myrobalan, Black Catechu, Pale Catechu				
Drugs acting on nervous system	29.	Hyoscyamus, Belladonna				
	30.	Ephedra, Opium				
	31.	Tea leaves, Coffee seeds, Coca				
Anti-hypertensive	32.	Rauwolfia				
Anti-tussive	33.	Vasaka, Tolu Balsam				
Anti-rheumatics	34.	Colchicum seed				
Anti-tumour	35.	Vinca, Podophyllum				
Antidiabetics	36.	Pterocarpus, Gymnema				
Diuretics	37.	Gokhru, Punarnava				
Anti-dysenteric	38.	Ipecacuanha				
Antiseptics and disinfectants	39.	Benzoin, Myrrh				
	40.	Neem, Turmeric				
Antimalarials	41.	Cinchona, Artemisia				
Oxytocic	42.	Ergot				

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