

J R KISSAN COLLEGE OF PHARMACY AND HEALTH SCIENCE,
ROHTAK

LESSON PLAN

D.Pharmacy 1st yr. (session 2022-23)

Subject- Pharmacognosy

Name of Faculty- Ms. MEGHA

S.No.	Days	Theory Topic	Practical Topic
1.	02-01-2023 - 05-01-2023	Definition, history, present status and scope of Pharmacognosy	To study morphological identification of Ispagula.
2.	06-01-2023- 13-01-2023 (Quiz/Oral Exam On Wednesday)	Classification of drugs: • Alphabetical • Taxonomical • Morphological • Pharmacological • Chemical • Chemo-taxonomical	
3.	14-01-2023- 21-01-2023	Quality control of crude drugs: • Different methods of adulteration of crude drugs • Evaluation of crude drugs	
4.	22-01-2023- 29-01-2023	Brief outline of occurrence, distribution, isolation, identification tests, therapeutic activity and pharmaceutical applications of alkaloids, terpenoids,	To study morphological identification of cardamom and cinchona
5.	30-01-2023-06-02-2023	Conduct of Induction Program 2021	
6.	07-02-2023-13-02-2023	Brief outline of occurrence, distribution, isolation, identification tests, therapeutic activity and pharmaceutical applications of alkaloids, terpenoids	To study morphological identification of Fennel.
7.	14-02-2023-20-02-2023 (Quiz/Oral Exam On Wednesday)	Brief outline of occurrence, distribution, isolation, identification tests, therapeutic activity and pharmaceutical applications of tannins and resins.	
8.	21-02-2023-28-02-2023	Welcome Fresher's Party 2021	
9.	01-03-2023-07-03-2023	Cardiotonic: Digitalis, Arjuna Carminatives and G.I. regulators: Coriander, Fennel, Cardamom, Ginger, Clove, Black Tea leaves, Coffee seeds, Coca	To study transverse section of Cinnamon
10.	08-03-2023-15-03-2023 (Quiz/Oral Exam On Wednesday)	Revision for 1 st sessional exams and problem discussion	
11.	16-03-2023-23-03-2023	Conduct of 1st Internal assessment Exam	
12.	23-03-2023-31-03-2023	Extracurricular activity- Khelo-India Cricket Tournament	

13.	01-04-2023-07-04-2023 (Seminar on Friday)	Carminative and GI regulators- Pepper, Asafoetida, Nutmeg, Cinnamon Astringents: Myrobalan, Black Catechu, Pale Catechu	To study morphological identification of Coriander.
14.	08-04-2023-15-04-2023	Drugs acting on nervous system: Hyoscyamus, Belladonna, Ephedra, Opium	
15.	16-04-2023-23-04-2023 (Quiz/Oral Exam On Wednesday)	Anti-hypertensive: Rauwolfia Anti-tussive: Vasaka, Tolu Balsam	To study transverse section of clove
16.	24-04-2023-30-04-2023	Anti-rheumatics Colchicum seed Anti-tumour: Vinca, Podophyllum	To study morphological identification of cinnamon and curcuma
17.	01-05-2023-07-05-2023 (Seminar on Friday)	Antiseptics and disinfectants: Benzoin, Myrrh, Neem, Turmeric Oxytocic: Ergot	
18.	08-05-2023-15-05-2023	Antidiabetics: Pterocarpus, Gymnema Diuretics: Gokhru, Punarnava	To perform chemical test of Asafoetida
19.	16-05-2023- 23-05-2023 (Quiz/Oral Exam On Wednesday)	Anti-dysenteric: Ipecacuanha Antimalarials Cinchona, Artemisia	
20.	24-05-2023- 30-05-2023	Vitamins: Cod liver oil, Shark liver oil Enzymes: Papaya, Diastase, Pancreatin, Yeast	To perform chemical test of tragacanth
21.	01-06-2023- 07-06-2023	Miscellaneous: Squill, Galls, Ashwagandha, Tulsi, Guggul	
22.	08-06-2023- 15-06-2023	Pharmaceutical Aids: Kaolin, Lanolin, Beeswax, Acacia, Tragacanth, Sodium alginate, Agar, Guar gum, Gelatine	To perform chemical test of Acacia.
23.	16-06-2023-20-06-2023 (Quiz/Oral Exam On Wednesday)	Plant fibres used as surgical dressings: Cotton, silk, wool and regenerated fibres Sutures – Surgical Catgut and Ligatures	
24.	21-06-2023-23-06-2023	Conduct of 2nd Internal assessment Exam	
25.	24-06-2023-26-06-2023	Basic principles involved in the traditional systems of medicine like: Ayurveda, Siddha, Unani and Homeopathy	
26.	27-06-2023-30-06-2023 (Seminar on Friday)	Method of preparation of Ayurvedic formulations like: Arista, Asava, Gutika, Taila, Churna, Lehya and Bhasma	To study transverse section of cinchona
27.	31-06-2023-02-07-2023 (Quiz/Oral Exam On Wednesday)	Role of medicinal and aromatic plants in national economy and their export potential Introduction to herbal formulations	To perform chemical test of gelatin
28.	03-07-2023-10-07-2023	Herbs as health food: Brief introduction and therapeutic applications of Nutraceuticals Antioxidants, Pro-biotics, Pre-biotics	

29.	11-07-2023-15-07-2023	Field visit	
30.	16-07-2023-18-07-2023	Dietary fibres, Omega-3-fatty acids, Spirulina,	To study transverse section of coriander
31.	19-07-2023-20-07-2023	Carotenoids Soya and Garlic	
32.	20-07-2023- 22-07-2023 (Quiz/Oral Exam On Wednesday)	Herbal cosmetics:: Sources, chemical constituents, commercial preparations, therapeutic and cosmetic uses of Aloe vera gel,	To perform chemical test of curcuma
33.	20-07-2023- 22-07-2023	Herbal cosmetics:: Sources, chemical constituents, commercial preparations, therapeutic and cosmetic uses of Almond oil	To study transverse section of Liquorice
34.	20-07-2023- 22-07-2023	Sources, chemical constituents, commercial preparations, therapeutic and cosmetic uses of Lavender oil, Olive oil, Rosemary oil, Sandal Wood oil	To perform chemical test of benzoin
35.	20-07-2023- 22-07-2023	Phytochemical investigation of drugs	Revision
36.	From 23-07-2023 onward	Revision and problem discussion	