JHARKHAND Rai University
UGC RECOGNISED UNIVERSITY
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Lesson Plan & Tracking

Programme : D. Pharma	**Session : 2022-2024**	**Year : First**	
Course: Pharmacognosy (Theory)			
Name of the Faculty: Prof. Mr. SUDIPTO MANGAL	**Commencement Date: 19/09/2022**	**Date of Closure:**	

Lecture No.	Week	Unit	Topics to be Covered	Blended Mode			Date	Duration	Tracking of Lectures	Related Course Outcome	Signature of Faculty	Signature of HoD	Remarks (if any)
				ICT Tool/Platform/ LMS	Resources	Activity							
1	WEEK 1	UNIT 1	Introduction,Syllabus. Discussion, Scope, Course objective and Course outcome										
2			Introduction,Syllabus. Discussion, Scope, Course objective and Course outcome										
3			Definition, history, present status and scope of Pharmacognosy										
4			Definition, history, present status and scope of Pharmacognosy										
5	WEEK 2	UNIT 2	Classification of drugs										
6			Classification of drugs:										
7	WEEK 3	UNIT 2	Classification of drugs:										
8			Classification of drugs:										
9		UNIT 3	Quality control of crude drugs:										
10			Quality control of crude drugs:										

11	WEEK 4	UNIT 3	Quality control of crude drugs:										
12			Quality control of crude drugs:										
13	WEEK 5	UNIT 3	Quality control of crude drugs:										
14			Quality control of crude drugs:										
15		UNIT 4	Alkaloids										
16	WEEK 6	UNIT 4	Terpenoids										
17			Glycosides										
18			Volatile oils										
19	WEEK 7	UNIT 4	Tannins										
20			Resins.										
21			Laxatives										
22	WEEK 8	UNIT 5	Laxatives										
23			Cardiotonic										
24			Carminatives and G.I. regulators										
25	WEEK 9	UNIT 5	Carminatives and G.I. regulators										
26			Carminatives and G.I. regulators										
27			FIRST SESSIONAL EXAM										
28			Astringents										

29	WEEK 10	UNIT 5	Drugs acting on nervous system										
30			Drugs acting on nervous system										
31	WEEK 11	UNIT 5	Drugs acting on nervous system										
32			Anti-hypertensive										
33			Anti-tussive										
34	WEEK 12	UNIT 5	Anti-rheumatics										
35			Anti-tumour										
36			Antidiabetics										
37	WEEK 13	UNIT 5	Diuretics										
38			Anti-dysenteric										
39			Antiseptics and disinfectants										
40	WEEK 14	UNIT 5	Antiseptics and disinfectants										
41			Antimalarials										
42			Oxytocic										
43	WEEK 15	UNIT 5	Vitamins										
44			Enzymes										
45			Enzymes										
46			Pharmaceutical Aids										

47	WEEK 16	UNIT 5	Pharmaceutical Aids										
48			Pharmaceutical Aids										
49			**Second sessional exam**										
50	WEEK 17	UNIT 5	Miscellaneous										
51			Miscellaneous										
52			Plant fibres used as surgical dressings: Cotton, silk, wool										
53	WEEK 18	UNIT 6	regenerated fibres Sutures – Surgical Catgut and Ligatures										
54			Ayurveda										
55			Siddha										
56	WEEK 15	UNIT 7	Unani										
57			Homeopathy										
58			Arista, Asava										
59	WEEK 16	UNIT 7	Gutika, Taila, Churna										
60			Lehya and Bhasma										
61			Role of medicinal and aromatic plants in national economy and their export potential										
62	WEEK		Role of medicinal and aromatic plants in national economy and their export potential										

63	17	UNIT 8	Herbs as health food: Brief introduction and therapeutic applications of: Nutraceuticals, Antioxidants, Pro-biotics, Pre-biotics, Dietary fibres, Omega-3-fatty acids, Spirulina, Carotenoids, Soya and Garlic										
64	WEEK 18		Herbs as health food: Brief introduction and therapeutic applications of: Nutraceuticals, Antioxidants, Pro-biotics, Pre-biotics, Dietary fibres, Omega-3-fatty acids, Spirulina, Carotenoids, Soya and Garlic										
65		UNIT 9	Herbs as health food: Brief introduction and therapeutic applications of: Nutraceuticals, Antioxidants, Pro-biotics, Pre-biotics, Dietary fibres, Omega-3-fatty acids, Spirulina, Carotenoids, Soya and Garlic										
66		UNIT 9	Herbs as health food: Brief introduction and therapeutic applications of: Nutraceuticals, Antioxidants, Pro-biotics, Pre-biotics, Dietary fibres, Omega-3-fatty acids, Spirulina, Carotenoids, Soya and Garlic										
67		UNIT 10	Herbal cosmetics: Sources, chemical constituents, commercial preparations, therapeutic and cosmetic uses of: Aloe vera gel, Almond oil, Lavender oil, Olive oil, Rosemary oil, Sandal Wood oil										
68	WEEK 19	UNIT 10	Herbal cosmetics: Sources, chemical constituents, commercial preparations, therapeutic and cosmetic uses of: Aloe vera gel, Almond oil, Lavender oil, Olive oil, Rosemary oil, Sandal Wood oil										

69		UNIT 10	Herbal cosmetics: Sources, chemical constituents, commercial preparations, therapeutic and cosmetic uses of: Aloe vera gel, Almond oil, Lavender oil, Olive oil, Rosemary oil, Sandal Wood oil										
70	WEEK 20	UNIT 10	Herbal cosmetics: Sources, chemical constituents, commercial preparations, therapeutic and cosmetic uses of: Aloe vera gel, Almond oil, Lavender oil, Olive oil, Rosemary oil, Sandal Wood oil										
71		UNIT 11	Phytochemical investigation of drugs										
72			Phytochemical investigation of drugs										
73	WEEK 21	UNIT 11	Phytochemical investigation of drugs										
74			Revision										
75			Revision										