

Lesson plan

Name of the Faculty : Gurpreet kaur

Discipline : D. Pharmacy

Year : 2nd YEAR

Subject : Pharmaceutical chemistry-II

Lesson Plan Duration : December 2021

Week	Theory		Practical	
	Lecture day	Topic headlines	Practical day	Aim
1st	1	Cephalexin,cephaloridine,cephalothin	1	To detect the alcoholic functional group from given sample (Ethanol).
	2	Griseofulvin,chloremphenicol, Antifungal agents: Undecylenic acid		
2 nd	3	Tolnaftate, Nystatin, Amphotericin , Hamycin.	2	To detect the carboxylic functional group from given sample (Salicylic acid).
	4	Antimalarial drugs: Chloroquine,amodiaquine,primaquine		
	5	Proguanil,pyrimethamine,quinine, trimethoprim.		
3rd	6	Adrenergic drugs; adrenaline, noradrenaline ,Isoprenaline,	3	To detect the functional group from aspirin.
	7	Phenylepharine,salbutamol Turbutaline ephedrine,.		
	8	Pseudoephedrine, Adrenergic antagonists: tolazoline,propranolol,practolol.		
4 th	9	Cholinergic drugs; Neostigmine, pyridostigmine,pralidoxime	4	To detect the functional group from sample (benzoic acid).
	10	Pilocarpine,physostigmine. Cholinergic antagonists-atropine		
	11	Hyoscine, homatropine, propantheline.		
5 th	12	Benztropine,tropicamide,biperiden.	5	To prepare and submit acetanilide from aniline.
	13	Tranquilizers: Chlorpromazine,Prochlorperazine, trifluoperazine		
	14	Thiothixene, haloperidol, triperiodol		

Gurpreet

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Lesson plan

Name of the Faculty : Kanika Sharma

Discipline : D. Pharmacy

Year : 2ND YEAR

Subject : Pharmacology and Toxicology

Lesson Plan Duration : December 2021

Week	Theory		Practical	
	Lecture Day	Topic headline	Practical Day	Topic
1 st	1.	Local anesthetic agents-Definition and classification	5 th	To study the laboratory animal handling techniques.
	2.	Non-Steroidal Anti-Inflammatory drugs (NSAIDs)-Definition classification of drugs		
2 nd	3.	NSAID's -pharmacological actions, side effects , therapeutic use	6 th	To study physiological salt solution.
	4.	Revision		
3 rd	5.	Drugs used in Glaucoma	7 th	To study the methods of collection of blood in experimental pharmacology
	6.	Drugs Acting on the Central Nervous System Definition, classification, pharmacological actions, dose, indications		
4 th	7.	General anesthetics-Introduction	8 th	To study basic terminology used in pharmacology laboratory.
	8.	General anesthetics-classification of drugs,mode of action		
	9.	Hypnotics and sedatives -Introduction		
5 th	10.	Hypnotics and sedatives-classification of drugs,side effects and mechanism of action	9 th	To learn the CPCSEA and IAEC guidelines for maintenance\designing of laboratory animal house.

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Kanika

Lesson plan

Name of the Faculty : Inderjeet Kaur

Discipline : D. Pharmacy

Year : 2nd YEAR

Subject : Hospital Pharmacy and Clinical Pharmacy

Lesson Plan Duration : December 2021

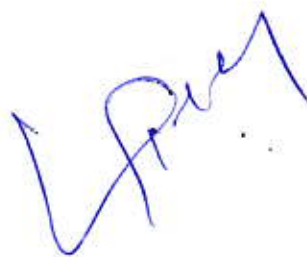
Week	Theory		Practical	
	Lecture Day	Topic headline	Practical Day	Topic
1st	1.	Non-Sterile Mnufacturing	1	To prepare 100ml of Compound Sodium Chloride injection I.P.(1996)
	2.	Liquid Orals,Bulk Concentrate		
	3.	Procurement of stores and testing of raw materials		
2d	4.	Hospital Formulary System		
3rd	5.	Organization of Hospital Formulary System	2	Sterlization of Surgical Instrument by dry heat method(hot air Oven)
	6.	Functioning and Composition of Formulary System		
	7.	Sugical Dressings like cotton,gauze and bandages		
4 th	8.	Adhesive tapes including their pharmacopoeial tests for Quality		
	9.	Other hospital supply like I.V.Sets,Ryals Tubes		
5 th	10.	Catheters and Syringes	3	Evaluation of given sample of absobentcotton for acidity or alkalinity,identification and surface active substances as per I.P.(1996) norms

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I.Kaur

Name of Faculty : Dr. Ujjwal Nautiyal
(THEORY) Discipline : PHARMACY
Semester/year : 2nd year
Subject : DSBM
MONTH : DEC 21

1st	1	Evaluation of Pharmacist
	2	Compensation to Pharmacist
	3	Proprietor, Joint Hindu Business Family
2nd	1	Partnership
	2	Joint Stock Company
	3	Co-operative Society
3rd	1	Drug Store- Meaning and Necessity
	2	Site selection
	3	Space layout
4th	1	Legal Requirements
	2	Purchasing- Meaning & Necessity
	3	Selection of Suppliers



Lesson plan

Name of the Faculty : Ms. Shilpi

Discipline : D. Pharmacy

Year : 2ND YEAR

Subject : Pharmaceutics-II

Lesson Plan Duration : December 2021

Week	Theory		Practical	
	Lecture Day	Topic headline	Practical Day	Topic
1 st	1	Details of the adjuvant used their preparations and stability.	1	To prepare glycerol suppositories. To prepare glycerine suppositories.
		Details of the adjuvant used their preparations and stability.		
2 nd	2	An introduction to flocculated /non-flocculated suspension system.	2	To prepare simple dusting powder. To prepare dentrifices. To prepare medicated powders.
	3	An introduction to flocculated /non-flocculated suspension system.		
3 rd	4	Emulsions-Types of emulsions	3	To prepare solution for eye drops To prepare atropine sulphate eye drops To prepare simple eye ointment
	5	identification of emulsion system		
	6	formulation of emulsions, selection of emulsifying agent		
4 th	7	Instabilities in emulsions	4	To prepare chloramphenicol eye ointment.
	8	Instabilities in emulsions, preservation of emulsions		
5 th	9	Seminar taken of Emulsions-Types of emulsions		
	10	Revision of emulsion		

Name & Signature of teacher

Shilpi

[Signature]

Name of the Faculty: Ms. Neha

Discipline : D. Pharmacy

Year : 2ND YEAR

Subject : JURISPRUDENCE

Lesson Plan Duration: December 2021

Lesson plan

Week	Theory	
	Lecture day	Topic headline
1st	1.	Scope and objective of pharmaceutical legislation
	2.	Concept of pharmacy
	3.	Concept of pharmacy
2nd	4.	Professional ethics principle
	5.	Significance
	6.	Significance of ethics
3rd	7.	Medicinal and toilet preparation act
	8	Bonded labs
	9	Non-bonded labs
4th	10	Manufacturer in bonded labs
	11	Non bonded lab manufacturer
	12	Transport system

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5th	13	Offences and penalties
	14	Inspection
	15	Miscellaneous

Uday

Neha