

Lesson plan

Name of the Faculty : Gurpreet kaur

Discipline : D. Pharmacy

Year : 2nd YEAR

Subject : Pharmaceutical chemistry-II

Lesson Plan Duration : January 2021

Week	Theory		Practical	
	Lecture day	Topic headlines	Practical day	Aim
1 st	1	Oxypertine, chlordizepoxide, Diazepam, Lorazepam, Meprobamate		
3 rd	2	Hypnotics: Phenobarbitone, butobarbitone, cyclobarbitone, Nitrazepam, Glutethimide,.	1	To prepare and submit p-bromo acetanilide from acetanilide.
	3	Methypylone, paraldehyde, triclofos sodium.		
	4	Antidepressant drugs: amitryptiline, nortryptiline, imipramine.		
4 th	5	Phenelzine, tranlycypromine. General anaesthetics: halothane, Cyclopropane.	2	To prepare and submit benzanilide from aniline.
	6	diethyl ether, methohexital sodium, Thiopental sodium, trichloroethylene.		
	7	Analeptics: Theophylline, caffeine, coramine, dextroamphetamine.		
	8	Diuretic drugs: furosemide, chlorthiazide, hydrochlorthiazide.		
5 th	9	Benzathiazide, urea, mannitol, ethacrynic acid.		
	10	Cardiovascular drugs: Ethyl nitrite, Glyceryl trinitrate, Alpha methyl dopa.		
	11	Guanethidine, clofibrate, quinidine.		
6 th	12	Hypoglycemic agents- insulin, Chlorpropamide, tolbutamide, glibenclamide, phenformin, metformin.		

Gurpreet kaur

LFAM

Lesson plan

Name of the Faculty: Kanika Sharma

Discipline: D. Pharmacy

Year: 2nd Year

Subject: Pharmacology and Toxicology

Lesson Plan Duration: January 2022

Week	Theory		Practical	
	Lecture Day	Topic headline	Practical Day	Topic
2 nd	1.	Hypnotics and sedatives	10 th	To record the concentration response curve of acetylcholine using rat ileum preparations.
	2.	Anti-Convulsant drugs		
	3.	Anti-depressant drugs		
	4.	Revision		
3 rd	1.	Anti-psychotics	11 th	To study the mydriatic effect of topically applied atropine on rabbit's eye.
	2.	Centrally acting muscle relaxants		
	3.	Opioid analgesics		
4 th	1.	Anti-anxiety drugs		
	2.	Nootropic agents		
	3.	Drugs acting on cardiovascular system Hypertension - introduction		
	4.	Anti-hypertensive drugs		
5 th	1.	Angina Pectoris	12 th	To study the effect of k ⁺⁺ , ca ⁺⁺ , acetylcholine and adrenaline on frog's heart.
	2.	Anti-angina drugs		
	3.	Congestive heart failure		
6 th	1.	Drug therapy for shock		

Lesson plan

Name of the Faculty : Inderjeet Kaur

Discipline : D. Pharmacy

Year : 2nd YEAR

Subject : Hospital Pharmacy and Clinical Pharmacy

Lesson Plan Duration : January 2022

Week	Theory		Practical	
	Lecture Day	Topic headline	Practical Day	Topic
2 nd	1.	Drug Information service	1	Evaluation of given sample of absorbent cotton for absorbency(Sinking time and water holding capacity)as per IP(1996)norms
	2.	Drug Information Bulletin		
	3.	Applications of Computers in maintenance of records		
3 rd	4.	Inventory control and medication monitoring		
	5.	Drug information and data storage		
4 th	6.	Retrieval in hospital pharmacy establishment	2	
	7.	Disease manifestation and patho-physiology including salient symptoms to understand the disease like Tuberculosis		
	8.	Hepatitis		
5 th	9.	Cardiovascular disease		
	10.	Rheumatoid Arthrities		
6 th	11.	Epilepsy,Diabetes,Peptic Ulcer,Hypertension		
	12.			

IJK

IJKaur

Name of the Faculty: Ms. Neha

Discipline : D. Pharmacy

Year : 2ND YEAR

Subject : JURISPRUDENCE

Lesson Plan Duration: January 2022

Lesson plan

Week	Theory	
	Lecture day	Topic headline
1st	1.	Latest drug price control- introduction
2nd	2.	Latest drug - Order in force
	3.	Order in force
3rd	4.	State pharmacy council
	5.	State pharmacy council
	6.	Code of pharmaceutical ethics
4th	7.	Pharmaceutical ethics
	8.	Pharmaceutical ethics
	9.	Magic remedies
5 th	10.	Magic remedies
	11.	Medical termination act 1971- introduction
	12.	Medical termination act
6th	13.	Medical termination- offences and penalties

Meha
2

UPM

Lesson plan

Name of the Faculty : Ms. Shilpi
 Discipline : D. Pharmacy
 Year : 2ND YEAR Subject : Pharmaceutics-II
 Lesson Plan Duration : JANUARY 2022

Week	Theory		Practical	
	Lecture Day	Topic headline	Practical Day	Topic
1 st	1	Semi-Solid Dosage Forms Ointments: Types of ointments, classification and selection of dermatological vehicles. Preparation and stability of ointments by the following processes: Trituration fusion chemical reaction Emulsification. Pastes: Differences between ointments and pastes, Bases of pastes. preparation of pastes and their preservation	1	TO STUDY ABOUT THE PHYSICAL INCOMPATIBILITY
	2	Jellies: An introduction to the different types of jellies and their preparation. An elementary study of poultice. Suppositories and pessaries-Their relative merits and demerits, types of suppositories, suppository bases , classification, properties. preparation and packing of suppositories. Use of suppositories of drug absorption	2	TO STUDY ABOUT THE PHYSICAL INCOMPATIBILITY
2 nd	3	Dental and cosmetic preparations: Introduction to Dentifrices, facial cosmetics, Deodorants.	3	TO STUDY ABOUT THE CHEMICAL INCOMPATIBILITY
	4	Antiperspirants, shampoo, Hair dressings and Hair removers		
	5	Sterile Dosage forms: Parenteral dosage forms- Definition, General requirements for parenteral dosage forms. Types of parenteral formulations		
3 rd	6	Vehicles, adjuvant, processing and personnel, Facilities and quality control. Preparation of Intravenous fluids and admixtures	4	TO STUDY ABOUT THE CHEMICAL INCOMPATIBILITY
	7	Total parenteral nutrition, Dialysis fluids.		
	8	Sterility testing: particulate matter monitoring- Faculty seal packaging		
4 th	9	Ophthalmic products: study of essential characteristics of different ophthalmic preparations.	5	TO STUDY ABOUT THE CHEMICAL INCOMPATIBILITY
	10	Formulation: additives, special precautions in handling and storage of ophthalmic products.		

Shilpi
 Name & Signature of teacher

Shilpi

Name of Faculty : Dr. Ujjwal Nautiyal
(THEORY) Discipline : PHARMACY
Semester/year : 2nd year
Subject : DSBM
MONTH : jan 22

1st	1	Credit Information
	2	Tenders
	3	Contracts and Price determination
2nd	1	Legal requirements of Contracts
	2	Codification of drugs
	3	Handling of drug store
3rd	1	Handling of Hospital supplies
	2	Inventory control-Meaning, Objectives and Importance
	3	ABC, VED Analysis
4th	1	Lead Time, Inventory Carrying Cost
	2	Safety stock-Meaning, Necessity
	3	Minimum and Maximum Stock level

WRM