

Lesson plan

Name of the Faculty : Promil Chauhan

Discipline : D. Pharmacy

Year : 1st YEAR

Subject : Pharmaceutics-I

Lesson Plan Duration : November 2021

Week	Theory		Practical	
	Lecture day	Topic headline	Practical day	
2 nd	1	Study of Glass as material for container (composition, Types of glass and their advantages and disadvantages)	1	To Prepare and dispense 50 ml of calamine lotion.
	2	Study of Plastic as material for container (Composition, Classification of Plastics and their merits and demerits)		
	3	Closures, Types of closure Rubber as material for closure		
	4	Introduction to Pharmaceutical Aids and organoleptic agents		
3 rd	5	Coloring Agents and their classification	2	To Prepare and dispense 50 ml of magnesium Hydroxide mixture.
	6	Sweetening Agents and their types, Properties and pharmaceutical uses		
4 th	7	Flavoring Agents and types of flavoring agent	3	To Prepare and dispense 10gm of cetrimide cream.
	8	Definition of Preservative, types with examples and uses		
	9	Unit operation- Definition of size reduction and their objectives		
5 th	10	Mechanism of size reduction and factors affecting size reduction		

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Name of the Faculty: Ms. Neha

Discipline : D. Pharmacy

Year : 1st YEAR

Subject : Human Anatomy and Physiology (HAP)

Lesson Plan Duration: November 2021

Lesson plan

Week	Theory		Practical	
	Lecture day	Topic headline	Practical day	
2nd	1.	Tissues -Epithelial tissue	1.	To study human skeleton-axial and appendicular skeleton
	2.	Subtypes of epithelial tissue		
	3.	Epithelial subtypes		
	4.	Connective tissue		
3rd	5.	Connective subtypes	2.	To determine a. blood group, b. ESR, c. Haemoglobin content of blood, d. Bleeding time and clotting time
	6.	Muscular tissue		
	7.	Subtypes of muscular tissue		
	8.	Nervous tissue, muscles and glands		
4th	9.	Osseous system - introduction to functions and classification of bones.	3.	To study General techniques for the collection of blood
	10	Axial skeleton- cranium		
	11	Face, vertebral column		

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	12	Functions of vertebral column Appendicular skeleton- introduction, types- pectoral girdle, lower limbs		
5th	13	Appendicular skeleton – pelvic girdle ,upper limbs		

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Name of the Faculty: Vijeta Dhote

Discipline : D. Pharmacy

Year : 1st YEAR

Subject : Pharmacognosy

Lesson Plan Duration: November 2021

Lesson plan

Week	Theory		Practical	
	Lecture day	Topic headline	Practical day	Practical name
2 nd	1.	Classification of drugs	1.	To study morphological characteristics of crude drug Isapgol.
	2.	Alphabetical classification		
	3.	Taxonomical classification		
3 rd	1.	Morphological classification	2.	To study morphological characteristics of crude drug Fennel.
	2.	chemical and pharmacological classification		
	3.	Chemo-taxonomic classification		
4 th	1.	Pharmacological classification	3.	To study morphological characteristics of crude drug Black pepper.
	2.	Introduction of quality control		
	3.	Adulteration of crude drugs		
5 th	1.	Types of Adulteration of crude drugs	4.	To study morphological characteristics of crude drug Ginger and Coriander.
	2.	Reasons and conditions of adulteration		

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Lesson plan

Name of the Faculty : Inderjeet Kaur

Discipline : D. Pharmacy

Year : 1st Year

Subject : Social Pharmacy

Lesson Plan Duration : November 2021

Week	Theory		Practical	
	Lecture Day	Topic headline	Practical Day	Topic
2 nd	1.	Public and Private Health System in India	1	Oral Health and Hygiene
	2.	National Health Mission		
	3.	Introduction to Millennium Development Goals		
3 rd	4.	Sustainable Development Goals		
	5.	FIP Development Goals		
4 th	6.	Demography	2	Microscopic Observation of different microbes(readymade slides)
	7.	Family Planning		
	8.	Mother and Child Health		
5 th	9.	Importance of breast feeding		
	10.	Il effects of infant substitutes		
	11.	Bottle feeding	3	Family Planning Devices

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Lesson plan

Name of the Faculty : Gurpreet kaur

Discipline : D. Pharmacy

Year : 1st YEAR

Subject : Pharmaceutical chemistry-I

Lesson Plan Duration : November 2021

Week	Theory		Practical	
	Lecture day	Topic headline	Practical day	Aim
2 nd	1	Volumetric analysis-fundamentals of volumetric analysis	1	To perform limit test for sulphate.
3 rd	2	Acid-base titration	2	To perform limit test for iron.
	3	Non-aqueous titration		
	4	Precipitation titration		
4 th	5	Complexometric titration	3	To perform limit test for
	6	Redox titration		
	7	Gravimetric analysis: Principle		

LFM

Name of the Faculty: Ms. Neha

Discipline : D. Pharmacy

Year : 2ND YEAR

Subject : JURISPRUDENCE

Lesson Plan Duration: November 2021

Lesson plan

Week	Theory	
	Lecture day	Topic headline
2nd	1.	PHARMACY ACT –registerar, inspection
	2.	Offence and penalties, qualification requirements
	3.	Drug and megie remedies introduction Class of advertisements
4th	4.	Prohibition of certain advertisements, Prohibition of import-export advertisements
	5.	Medical termination of pregnancy act and rules- introduction
	6.	Pregnancy termination approved places, admission register
5th	7.	Power to make rules and regulations, offence and penalties
	8.	

LFM

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

	Lecture Day	Topic (Including Assignment/Test)
2 nd	1	Sales Promotion
	2	Market Research
	3	Salesmanship- meaning and Qualities
4 th	1	Advertisement and window display
	2	Recruitment of Pharmacist
	3	Training of Pharmacist

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Lesson plan

Name of the Faculty : Inderjeet Kaur

Discipline : D. Pharmacy

Year : 2nd YEAR

Subject : Hospital Pharmacy and Clinical Pharmacy

Lesson Plan Duration : November 2021

Week	Theory		Practical	
	Lecture Day	Topic headline	Practical Day	Topic
2 nd	1.	Manufacturing and Economical Considerations	1	To prepare 100ml of a compound Sodium lactate injection(IP1996)
	2.	Estimation of demand		
	3.	Sterile Manufacture		
	4.	Large and Small Volume Parenterals		
4 th	5.	Facilities and Requirements	2	To prepare 100ml of a Sodium lactate injection(IP1996)
	6.	Layout Production planning		
	7.	Man-power requirements		
5 th	8.	Nomenclature and uses of surgical instruments		
	9.	Hospital Equipments and health accessories		
	10.	P.T.C.(Pharmacy Therapeutic Committee)	3	To prepare 50 ml Of 10% mannitol intravenous infusion IP(1996)

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Lesson plan

Name of the Faculty : Gurpreet kaur

Discipline : D. Pharmacy

Year : 2 nd YEAR

Subject : Pharmaceutical chemistry-II

Lesson Plan Duration : November 2021

week	theory		Practical day	Practical
2 nd	Lecture day	Topic headlines	1	To detect the halogen element in the given organic sample.
	1	Antiamoebic and anthelmintic Drugs -Emetine, Metronidazole		
4 th	6	Halogenated hydroxyquinoline, Diloxanide furoate, promomycin	2	To detect the functional group present in the organic sample.
	7	Piperazine, mebendazole, D.E.C.		
	8	Antibiotics -benzyl penicillin		
	9	Phenoxy methyl penicillin, Benzathine penicillin, Ampicillin		
5 th		Cloxacillin, Carbenicillin, Gentamycin		
		Neomycin, Erythromycin, Tetracycline		

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Lesson plan

Name of the Faculty : Ms.SHILPI

Discipline : D. Pharmacy

Year : 2nd YEAR

Subject : Pharmaceutics-II

Lesson Plan Duration:-November 2021

Week	Theory		Practical	
	Lecture Day	Topic headline	Practical Day	Topic
2 nd	1.	Posology- Dose and dosage of drugs, factors influencing dose	3 rd	1.To prepare and submit simple ointment. 2.To prepare and submit paraffin ointment. 3.To prepare Simple mixtures
	2.	calculations of doses on the basis of age, sex, surface area and veterinary doses.		
	3.	Powders-Type of powders-Advantages and disadvantages of powders,		
4 th	4.	Granules, cachets and tablet triturates. preparation of different types of powders	4 th	4.To prepare diffusible Mixtures 5.To prepare indiffusible Mixtures. 6.To prepare indiffusible Mixtures
	5.	Liquid Oral Dosage Forms,Classification,Advantages,Disadvantages.		
	6.	Monophasic-Theoretical aspects including commonly used vehicles, essential adjuvant like stabilizers, colorants and flavors, with examples		

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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:-November 2021

Week	Theory		Practical	
	Lecture Day	Topic headline	Practical Day	Topic
2 nd	1.	Cholinergic Drugs-Definition Pharmacological actions, Doses and Contraindications(Revision)	3 rd	To study various routes of drug administration in mice/rats
	2.	Anti-Cholinergic drugs		
	3.	Adrenergic drugs (Introduction, Classification of adrenergic drugs)		
4 th	4.	Pharmacological actions of Adrenergic drugs, Therapeutic uses, Side effects	4 th	To study different anesthetics used in pharmacology
	5.	Anti-adrenergic drugs (Classification of anti adrenergic drugs alpha blockers, pharmacological actions , uses, side effects)		
	6.	Beta adrenergic blockers, pharmacological actions , uses, side effects		
5 th	7.	Neuromuscular blocking agents:-Introduction, Classification of Drugs Mechanism of action of non depolarizing and polarizing skeletal muscle relaxants		

