

LESSON PLAN

Name of the Faculty: Surabhi Yadav

Discipline: D. Pharmacy

Year: 1st Year

Subject: Health Education and Community Pharmacy

Lesson Plan Duration: January 2021.

Week	Theory		<u>Practical</u> <u>NA</u>	
	Lecture Day	Topic headline	Practical Day	Topic
1 st	1	Fractures and resuscitation methods	1.	
	2	Elements of minor surgery and dressings		
2 nd	3	Environment and health	2.	
	4	Source of water supply, water pollution		
3 rd	5	purification of water	3.	
	6	Fundamental principles of microbiology		
4 th	7	Classification of microbes	4.	
	8	Isolation		
5 th	9	Staining techniques of organisms of common diseases	5.	
	10	Communicable diseases: Causative agents, mode of transmission and prevention		

Surabhi

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Lesson plan

Name of the Faculty : Mr. Narendra singh

Discipline : D. Pharmacy

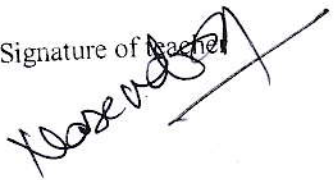
Year : 1st year

Subject : Pharmaceutics-I

Lesson Plan Duration : January 2021

Week	Theory		Practical	
	Lecture Day	Topic headline	Practical Day	Topic
1 st	1	Introduction of different dosage forms	1.	To prepare and dispense Anti-fungal dusting powder B.P.
	2	Oral solid dosage forms, Classifications		
	3	Tablets, Capsules, Powders, Advantages and disadvantages		
2 nd	4	Liquid dosage forms, Advantages, Disadvantages	2.	To prepare and dispense povidone iodine gargles B.P.
	5	Semi- solid dosage forms, Applications		
	6	Introduction to various pharmacopœias		
3 rd	7	Indian Pharmacopœia	3.	To prepare and dispense simple syrup I.P.
	8	British pharmacopœia		
	9	United state pharmacopœia		


Name & Signature of teacher



Lesson plan

Name of the Faculty : Esha Vatsa
 Discipline : D. Pharmacy
 Year : 1st year
 Subject : Pharmacognosy
 Lesson Plan Duration:

Week	Theory		Practical	
	Lecture Day	Topic headline	Practical Day	Topic
1st	1	Chinese system of medicine		
2nd	2	Ayurveda system of medicine	4.	To study the morphological characteristics of crude drugs: rauwolfia and aloevera
	3	Siddha system of medicine		
3rd	4	Unani system of medicine	5.	To study the morphological characteristics of crude drugs: rhubarb, fennel
	5	Homeopathic system of medicine		
	6	Evaluation of crude drugs		
4th	7	Aromatherapy system of medicine	6.	To study the morphological characteristics of crude drugs: nux-vomica, vasaka, turmeric
	8	Chinese system of medicine		
	9	Brief outline of occurrence, distribution, outline of isolation, identification tests, therapeutic effects, pharmaceutical applications of alkaloids.		
5th	10	Brief outline of occurrence, distribution, outline of isolation, identification tests, therapeutic effects, pharmaceutical applications of terpenoids.		


 Name & Signature of teacher



LESSON PLAN

Name of the Faculty:

Raveena Chauhan

Discipline:

D. Pharmacy

Year:

1st

Subject:

Human Anatomy and Physiology

Lesson Plan Duration:

Week	Lecture Day	Theory		Practical	
			Topic headline	Practical Day	Topic
1st	1		Classification of joints	1.	Microscopic study of nervous tissue
	2		Types of synovial joints		
	3		Function of joints		
2nd	4		Joint disorders	2.	To study the human skeletal system with the help of charts/Models.
	5		Composition of blood		
	6		Functions of blood elements		
3rd	7		Blood group	3.	Identification of axial bones
	8		Coagulation of blood		
	9		Disorders of blood		
4th	10		Name and functions of lymph glands.	4.	Identification of appendicular bones
	11		Name and functions of lymph glands.		
	12		Structure of the heart		
5th				5.	Microscopic study of muscular tissue

Name & Signature of teacher

Raveena Devi

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Lesson plan

Name of the Faculty : Gurpreet kaur

Discipline : D. Pharmacy

Year : 1 st year

Subject : Pharmaceutical Chemistry-I

Lesson Plan Duration : Jan 2021

Week	theory		practical	
	Lecture day	Topic headlines	Practical day	
1st	1	Dil. HCL, Introduction to Antacid, Sodium Bicarbonate	1	To perform limit test for sulphates
	2	Aluminium Hydroxide Gel, Aluminium Phosphate		
	3	Calcium Carbonate, Magnesium Carbonate		
2nd	4	Magnesium Trisilicate, Magnesium Oxide	2	To perform limit test for Iron.
	5	Combination Of Antacid Preparations Introduction of Protective and Adsorbents.		
	6	Bismuth subcarbonate, Kaolin		
3rd	7	Introduction to Cathartics, and Saline	3	To prepare and submit boric acid
	8	Magnesium Sulphate, Sodium Potassium Tartrate		
	9	Introduction to Topical Agent, and Protectives		
4th	10	Talc, Zinc Oxide, Calamine, Zinc Stearate	4	To prepare and submit zinc sulphate .
	11	Titanium Dioxide, Silicone Polymers		
	12	Introduction to Antimicrobials and Astringents Hydrogen Peroxide		

UP-11

Gaur

Lesson plan

Name of the Faculty : Dr. Vipul Kashyap
Discipline : D. Pharmacy
Year : 1st year
Subject : Biochemistry and clinical pathology
Lesson Plan Duration : January

Week	Lect no	Theory	Practical
1 st	1	Chemical reactions of Monosaccharide	To identify unknown sample of carbohydrate
	2	Disaccharide and Oligosaccharide	
2 nd	3	Qualitative test of carbohydrates	To identify unknown sample of carbohydrate
	4	Diseases related to carbohydrate metabolism	
3 rd	5	Lipids, Introduction role and classification, fat, waxes (physical and chemical property)	To identify unknown sample of carbohydrate
	6	Phospholipids and glycolipids	
4 th	7	Sulpholipids, lipoproteins, fatty acids, Alcohol	To identify unknown sample of carbohydrate
	8	Steroids, cholesterol, other sterol	

Vipul

Vipul

Lesson plan

Name of the Faculty : Himani khapra
Discipline : D. Pharmacy
Year : 1st year
Subject : Bachelors of computer applications
Lesson Plan Duration : *January 2021*

Week	Lect no	Theory	Practical
1 st	1	Introduction to DOS (Internal)	1) working with notepad
	2	Dos commands	
	3	External commands	
2 nd	4	Creating and working with files	2) practicing notepad documents
	5	Working with the files	
3 rd	6	formatting floppy disk and hard disks	4) working with Microsoft word
	7	File operators	
	8	Operations on files	
4 th	9	Introduction to computer networks	5) practicing word documents
	10	Lan ,Wan ,Man	
5 th	11	Internet basics	6) practicing word documents
	12	Usenet ,email,internet	
	13	www,navigator,browser	

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Himani

Lesson plan

Name of the Faculty : Shilpi kashyap
Discipline : D. Pharmacy
Year : ~~2nd~~ year
Subject : PHARMACEUTICS -II
Lesson Plan Duration : JAN 2021

Week	Lect no	Theory	Practical
1 st	1	Dispensed Medications	To prepare liquid paraffin emulsion
	2	Powders	To prepare and submit concentrated peppermint emulsion
	3	Monophasic liquid dosage forms	
2 nd	4	Review of the monophasic liquids with details of formulation and practical methods	. To prepare and submit aqueous iodine solution
	5	Liquids for external administration .	To prepare and submit strong Iodine solution.
3 rd	6	Liquids for external administration .	To prepare and submit White liniment
	7	Biphasic Liquid Dosage Forms	To prepare and submit Camphor Liniment
	8	Study of the adjuvant used like thickening agents, wetting agents etc	
4 th	9	Biphasic Liquid Dosage Forms	To prepare hydrogen peroxide ear drop
	10	ointments Pastes, Jellies	To prepare boric acid ear drop
5 th	11	Suppositories and pessaries, Dental and cosmetic preparations	To prepare solution for eye drops.
	12		To prepare zinc sulphate eye drops.
	13		

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Shilpi

LESSON PLAN

Name of the Faculty : Himani khapra
 Discipline : D. Pharmacy
 Year : 2nd year
 Subject : Bachelors of computer applications
 Lesson Plan Duration : JANUARY 2021

Week	Theory		Practical	
	Lecture Day	Topic Headline	Practical day	Topic
1	1	Control statements	1	UNDERSTANDING IF STATEMENT
	2	Conditions expressions if statement		
	3	If statement programming		
2	4	If statements programmes	2	PRACTICING IF PROGRAMME
	5	Nested if		
3	6	Nested if programme	3	PRACTICE OF PROGRAMMING
	7	Nested if programming		
	8	Switch statement		
4	9	Programming with switch statement	4	SWITCH STATEMENT WORKING
	10	Making nested if programme		
5	11	Use of break, continue and goto statement	5	SWITCH STATEMENT PROGRAMME
	12	Making a programme using goto ,continue etc		

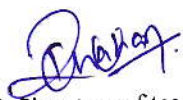
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Himani

LESSON PLAN

Name of the Faculty: Raveena Chauhan
 Discipline: D. Pharmacy
 Year: 2nd
 Subject: Pharmacology & Toxicology
 Lesson Plan Duration: Jan 2021.

Week	Theory		<u>Practical</u>	
	Lecture Day	Topic headline	Practical Day	Topic
1 st	1	Adrenergic receptor blockers	1	Effect of mydriatics on rabbit's eye.
	2	Neurone blockers and ganglion blockers.		
	3	Neuromuscular blockers, used in myasthenia gravis		
2 nd	4	Drugs used in myasthenia gravis	2	Effect of mydriatics on rabbit's eye.
	5	Drugs acting on eye: Mydriatics, drugs used in glaucoma.		
	6	Drugs acting on the central Nervous system		
3 rd	7	General anaesthetics- adjunction to anaesthesia, intravenous anaesthetics.	3	Different tissue preparations agonists and antagonists for receptor characterization
	8	Analgesic antipyretics and non-steroidal anti-inflammatory drugs		
	9	Narcotic analgesics		
4 th	10	Antirheumatic	4	Effect of drug on perfused frog's heart.
	11	Anti-gout remedies		
	12	Sedatives and Hypnotics		
5 th			5	Techniques for separation of plasma and serum
			6	Methods of euthanasia in animals


 Name & Signature of teacher
Raveena Devi

UP-14

Lesson plan

Name of the Faculty : Shipra Gautam
 Discipline : D. Pharmacy
 Year : 2nd year
 Subject : Pharmaceutical Jurisprudence
 Lesson Plan Duration : January 2021

Week	Lecture Day	Topic Headline	Practical	
			NA	NA
1 st	1.	Included in the month of January		
	2.	The Drugs and Magic Remedies (Objectionable Advertisement) Act, 1954		
2 nd	3.	General study and rules of Drug and cosmetic act, Definitions under D and C Administration of D and C Act		
	4.	Provision of Import under D and C Act, Offences and penalties related to import Under D and C act, Provision for manufacture of Drugs under D and C act		
3 rd	5.	Features related to retail distribution of drugs, as per D and C, Features related to wholesale distribution of drugs, as per D and C		
	6.	Facilities for running a pharmacy effectively, General study of schedules, as per D and C		
4 th	7.	Study of schedules C,C1, as per D and C, as per D and C,		
	8.	Study of schedules F,G as per D and C		
5 th	9.	Study of schedules J,H, as per D and C		
	10.	Study of schedules P,X as per D and C		

Name & Signature of teacher

Shipra Gautam

LESSON

Name of Faculty : Dr. Ujjwal Nautiyal (Theory)
Discipline : PHARMACY
Semester/year : 2nd year
Subject : DSBM
Month : JAN 21

1 ST	1	Sales Promotion
	2	Market Research
	3	Salesmanship- meaning and Qualities
2 ND	1	Advertisement and window display
	2	Recruitment of Pharmacist
	3	Training of Pharmacist
3 RD	1	Evaluation of Pharmacist
	2	Compensation to Pharmacist
	3	Proprietor, Joint Hindu Business Family
4 TH	1	Partnership
	2	Joint Stock Company
	3	Co-operative Society

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LESSON PLAN

THEORY

Name of Faculty : Dr. Ramandeep Singh
Discipline : PHARMACY
Semester/year : 2nd year
Subject : Hospital and Clinical Pharmacy
MONTH : JAN 21

1 st	1	Drug information services
	2	Objective of Drug information services
	3	Role of Pharmacist in DIC
2 nd	1	Drug information bulletin
	2	Role of Pharmacist in DIB
	3	Application of computers in hospital
3 rd	1	Data storage and retail pharmacy
	2	Maintenance of records, inventory control
	3	Medication monitoring drug information
4 th	1	Pharmacy and Therapeutic Committee
	2	Role of Pharmacist in PTC
	3	Hospital formulary system

Practical's

1.	Preparation of Transfusion fluid
2.	Prepare 10 ml of compound sodium lactate

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Lesson plan

Name of the Faculty : Gurpreet kaur

Discipline : D. Pharmacy

Year : 2ND YEAR

Subject : Pharmaceutical chemistry-II

Lesson Plan Duration : Jan 2021

Week	Theory		Practical	
	Lecture day	Topic headline	Practical day	
1st	1	Antibiotics-benzylpenicillin,	1	To determine the functional group of the unknown organic compound.
	2	Phenoxy methyl penicillin, Benzathine penicillin, ampicillin		
	3	Cloxacillin, Carbencicillin, Gentamicin, Neomycin		
	4	Erythromycin, Tetracycline, Cephalexin, Cephaloridine		
2nd	5	Cephalothin, Griseofulvin, Chloramphenicol	2	To detect the functional group (alcohol) from given organic compound.
	6	Antifungal agents –undecylenic acid, tolnaftate		
	7	Nystatin, Amphotericin, Hamycin		
	8	Antimalarial drugs- Chloroquine, Amodiaquine,		
3rd	9	Primaquine, Proguanil, Pyrimethamine	3	To detect functional group (carboxyl) from given organic compound
	10	Quinine, Trimethoprim		
	11	Adrenergics drugs-Introduction, Adrenaline, noradrenaline		
	12	Isoprenaline, phenylephrine, salbutamol		
4th	13	Terbutaline, ephedrine, pseudoephedrine	4	To perform identification test for given organic compound (aspirin)
	14	Adrenergic antagonist- introduction, Tolazoline,		
	15	Propranolol, practolol.		
	16	Cholinergics drugs- introduction, neostigmine,		
5th	17	Pyridostigmine, pilocarpine, physostigmine.	5	

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Gurpreet Kaur