

Himachal Institute of Pharmacy

Lesson Plan

Name of the Faculty	Miss. Harshita Pant			
Discipline	Pharmacy			
Semester / Year	Diploma 1 st Year			
Subject	Pharmacognosy			
Lesson Plan Duration	October - 2024			
Work Load /Week(hrs)	Lecture -03: Tutorial-1, Practical -01 batch/Week			
Week	Theory		Practical	
	Lecture	Topic	No of Practical's	Topic
1 st Week October	1st		1	To Study Various Parts of Simple Microscope and Compound Microscope
	2nd	Classification of Drugs: Alphabetically, Taxonomical, Pharmacological, Chemical ,Chemo- Taxonomical		
	Tutorial	Revision		
2 nd Week October	1st	Quality Control of Crude Drugs	2	To Study Section Cutting Techniques and Staining mounting of Section
	2nd	Different Methods of Adulteration of Crude Drugs		
3 rd Week October	1st	Evaluation of Crude Drugs		
	2nd	Brief outline of occurrence and Distribution, Isolation and Identification of Alkaloids, Terpenoids , Glycosides , Volatile Oils , Tannins and Resins		
	3rd	Therapeutic Activity of Alkaloids, Terpenoids , Glycosides , Volatile Oils , Tannins and Resins		
	Tutorial	Revision		

4 th Week October	1st	Pharmaceutical applications of Alkaloids, Terpenoids , Glycosides , Volatile Oils , Tannins and Resins		
	2nd	Biological Source, Chemical Constituents and Therapeutic Efficacy of the Following Categories of Crude Drugs. Laxatives- Aloe , Castor oil, Ispaghula , Senna		
	3 rd	Cardiotonic – Digitalis , Arjuna		
	Tutorial	Revision		
5 th Week October	1st	Carminatives and G.I regulators – Coriander , Fennel , Cardamom		

Parshulap

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20/10/24

Monthly Lesson Plan

Name of the faculty	Mr. Mohd Afsar		
Discipline	Pharmacy		
Semester/year	Diploma 1st Year		
Subject	Pharmaceutics		
Lesson plan Duration	Oct -2024		
Work Load/week (hrs)	Lecture- 03; Tutorial -1,Practical- 01/batch		
MONTH/Week	THEORY		Practical
	Lecture	TOPIC	Practical Topic
1st	1st	Introduction and History Of Pharmaceutics: Salient features of IP.	To prepare and submit 50 ml of Magnesium Oxide mixture.
	2nd	Introduction and History Of Pharmaceutics: British Pharmacopoeia.	
	TUTORIL	Revision	
	3rd	Packaging Materials: Itroduction	
2nd	1st	Packaging Materials: Objectives of packakging.	To prepare and sub 10 g of simple syrup.
	2nd	Packaging Material: Plastic	
3rd	1st	Packaging Material: Rubber	To prepare and submit 30 g of Dusting Powder.
	2nd	Pharmaceutical Aids: Introduction	
	3rd	Pharmaceutical Aids: Pharmaceutical Aids used in Solid Dosage Forms,	
4th	1st	Pharmaceutical Aids: Coloring Agints.	
	Tutorial	Test of Chapter 1.	
	2nd	Pharmaceutical Aids: Flavoring Agents	
5th	1st	Pharmaceutical Aids: Sweetners	To prepare and submit 30 ml of Aqueous Iodine Solution.
	2nd	Pharmaceutical Aids: Preservatives	

Afsar

Zielfi
28/10/24

Monthly Lesson Plan

Name of the faculty	Mrs. Manisha Sharma
Discipline	Pharmacy
Semester/year	Diploma 1st Year
Subject	PHARMACEUTICAL CHEMISTRY.
Lesson plan Duration	OCT-2024
WorkLoad/week(hrs)	Lecture-03; Tutorial -1, Practical-01/batch

MONTH/Week	THEORY		Practical Practical Topic
	Lecture	TOPIC	
1 st OCT/	1 st	Accuracy, precision, significant figures	
	2 nd	Source and effect of impurities in Pharmacopoeial substances	
	Tutorial	Limit test of chloride	
	3 rd	Limit test of sulphate	
2 nd	1 st	Limit test of iron	To study different types of glasswares used in laboratory
	2 nd	Limit test of heavy metal	
	Tutorial	Revision	
3 rd	1 st	Limit test of arsenic	To perform limit test for chloride in given sample
4 th	1 st	Fundamentals of volumetric analysis,	To perform limit test for sulphate in given sample
	3 rd	Acid-base titration	
5 th	1 st	non-aqueous titration,	

Manish

Suresh
28/10/24

Himachal Institute of Pharmacy
Monthly Lesson Plan

Name of the faculty	Mr. Ayush Sharma		
Discipline	Pharmacy		
Semester/year	Diploma 1 Year		
Subject	SOCIAL PHARMACY		
Lesson plan Duration	2024-2025 OCTOBER		
Work Load/week (hrs)	Lecture-03; Tutorial -1, Practical -1 batch/ week		
MONTH/Week	THEORY		practical
	Lecture	TOPIC	
OCT 1st	Tutorial	National Health Policy	—
	1st	Public and Private Health System in India	
	2nd	National Health Mission	
	3rd	Role of Pharmacists in Public Health.	
2 nd	Tutorial	Revision	To study RCH-reproductive and child health
3 rd	2nd	Introduction to Millennium Development Goals, Sustainable Development Goals	To study Family planning devices
	3rd	FIP Development Goal	
4 th	1st	Demography	TO study microscopical observation of different microbes
	2nd	the Family Planning	
	3rd	Mother and child health, importance of breastfeeding,	
5 th	—	—	To study oral health and hygiene

Ayush

Singh
28/10/24

Monthly Lesson Plan

Name of the faculty	Mrs. Amisha Maheshwari
Discipline	Pharmacy
Semester/year	Diploma 1st Year
Subject	HAP (Human Anatomy and Physiology)
Lesson plan Duration	OCT -2024
Work Load/week (hrs)	Lecture- 03; Tutorial -1, Practical- 01/batch

MONTH/Week	THEORY		Practical Practical Topic
	Lecture	TOPIC	
1st	1st	U-3 Tissue- Epithelial tissues, it's sub-types and characteristics	To study general techniques for collection of blood
	2nd	Tissue- Connective tissues, it's sub-types and characteristics	
2nd	1st	Tissue- Muscular tissues, it's sub-types	
	2nd	Tissue- Muscular tissues, characteristics	
	Tutorial		
3rd	1st	Tissue- Nervous tissues, it's sub-types	
	2nd	Tissue- Nervous tissues, characteristics	
	3rd	U-4 Osseous system- Introduction of bones and types of skeleton system	
	Tutorial		
4th	1st	U-4 Osseous system- Introduction of bones and types of skeleton system	To study microscopic examination of epithelial tissue, cardiac tissue, smooth muscles, skeletal muscle, connective tissue and nervous tissue from pre-prepared slides
	2nd		
	3rd	Osseous system- Axial skeleton (it's bone structure and functions)	
	Tutorial		
5th	1st	Osseous system- Axial skeleton (it's bone structure and functions)	
	2nd	Osseous system- Disorders of joints	

Amisha

Amisha
29/10/24