

**Himachal institute of Pharmacy**

**Lesson Plan**

<b>Name of the faculty</b>	Ms. Neha
<b>Discipline</b>	D.Pharmacy
<b>Semester/year</b>	Diploma 2 <sup>nd</sup> year
<b>Subject</b>	Pharmacotherapeutics
<b>Lesson plan Duration</b>	AUGUST ( 2023-2024)
<b>Work Load/week (hrs)</b>	Lecture- 03; Tutorial -1,Practical- 01/batch

Week	Theory		Practical	
	Lecture	Topic	Practical	Topic
AUG/ 2 <sup>ND</sup>	1.	Pharmacotherapeutics- General Introduction	1 <sup>st</sup>	To prepare and discuss SOAP notes
	TUTORIAL	Pharmacotherapeutics-scopes		
	2 <sup>ND</sup>	Pharmacotherapeutics- scopes		
	3 <sup>RD</sup>	Pharmacotherapeutics-objectives		
3 <sup>RD</sup>	1.	Pharmacotherapeutics-Rational use of medicines	2 <sup>ND</sup>	To prepare and discuss SOAP notes for Hypertension
	2 <sup>ND</sup>	Pharmacotherapeutics-Irrational use of medicines		
	3 <sup>RD</sup>	Pharmacotherapeutics-Evidence Based Medicines		
4 <sup>TH</sup>	1.	Pharmacotherapeutics- EML		
	2.	Pharmacotherapeutics-STG'S		
5 <sup>th</sup>	1 <sup>st</sup>	CVS- Hypertension- introduction, pathogenesis	3 <sup>RD</sup>	To prepare and discuss SOAP notes for Angina Pectoris

*Haha*  
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*Suip*

## LESSON PLAN

Name of the Faculty : Inderjeet Kaur

Discipline : D. Pharmacy

Year : 2nd YEAR

Subject : Hospital Pharmacy and Clinical Pharmacy

Lesson Plan Duration : August 2023

Week	Theory		Practical	
	Lecture Day	Topic headline	Practical Day	Topic
2 <sup>nd</sup>	1	Hospital Pharmacy Definition and scope		
	2	National and International Scenario		
	3	Organisational structure of Hospital pharmacy		
3 <sup>rd</sup>	1	Professional Responsibilities	1	Systematic approach to drug information queries using primary / secondary / tertiary resources of information
	2	Requirements and Job specifications		
	TUTORIAL	Qualification and Experience work load Requirements		
4 <sup>th</sup>	1	Inter Professional Relationships	2	Systematic approach in handling drug information Queries (Case-I)
	2	Good Pharmacy Practice (GPP) in hospital		
	TUTORIAL	Hospital Pharmacy Standards (FIP Basel Statements (AHSP)		
5 <sup>th</sup>	1	Introduction to NAQS guidelines and NABH Accreditation	3	Systematic approach in handling drug information Queries (Case-II)
	2	Role of Pharmacists		

*I. Kaur*  
*Singh*

## LESSION PLAN

Name of Faculty : Mrs. Sherry  
Discipline : D.PHARMACY  
Semester/year : 2<sup>nd</sup> year  
Subject : Pharmacy law and ethics  
Lesson Plan Duration : August 2023  
Work Load per Week : (03 lectures per week + 01 Tutorial)  
Session : 2023-2024

Week	Theory	
	Lecture day	Topic (Including Assignment/Test)
2 <sup>nd</sup> week August	Tutorial	General principles of law,
	1	History and various acts related to drug and pharmacy profession
	2	Cont. general principles of law and various acts related to drug and pharmacy profession
	3	Pharmacy act 1948 and rules: objectives
3 <sup>rd</sup> week August	2	Definition and Pharmacy council of India; its constitution and function
	3	Education regulations, state and joint state pharmacy councils
4 <sup>th</sup> week August	Tutorial	Registration of pharmacists, offences and penalties
	3	Pharmacy practice regulations 2015
5 <sup>th</sup> week August	Tutorial	Drug and cosmetics act 1940 and rules 1945 and new amendments: objectives
	2	Definitions of Schedule to the act

*Sherry*

*Sherry*

**Himachal Institute of Pharmacy**

**Monthly Lesson Plan**

Name of the faculty		Mrs. Manisha Sharma	
Discipline		Pharmacy	
Semester/year		Diploma 2 <sup>nd</sup> Year	
Subject		Community Pharmacy and Management	
Lesson plan Duration		AUG-2023	
WorkLoad/week(hrs)		Lecture-03; Tutorial -1, Practical -1 / week	
MONTH/ Week	THEORY		Practical Practical Topic
	Lecture	TOPIC	
AUG/2nd	1 <sup>st</sup>	General Introduction Scope, Objective, Definition	To handle and review prescription check with professional standards and check for legal compliance and completeness
	2 <sup>nd</sup>	History and development of community pharmacy-Indian scenario	
	Tutorial	History and development of community pharmacy-Indian scenario	
	3rd	History and development of community pharmacy International Scenario	
3rd	Tutorial	Revision	To handle and review prescription check with professional standards and check for legal compliance and completeness
	3rd	Professional responsibility of community pharmacist	
4 <sup>th</sup>	1 <sup>st</sup>	Good pharmacy practice	To identify drug-drug interactions in the prescription and follow-up actions to prevent it
	2 <sup>nd</sup>	Introduction to the concept of S.O.P	
	Tutorial	Prescription –Introduction	
5th	3 <sup>rd</sup>	Prescription ,types	
	1 <sup>st</sup>	Parts of prescription	
	2 <sup>nd</sup>	legality of prescriptions	

*Manisha*  
*Sharma*

Himachal Institute of Pharmacy				
Lesson Plan				
Name of the faculty		Ms. Neha		
Discipline		D.Pharmacy		
Semester/year		Diploma 2 <sup>nd</sup> year		
Subject		Pharmacology		
Lesson plan Duration		AUGUST ( 2023-2024)		
Work Load/week (hrs)		Lecture- 03; Tutorial -1, Practical- 01/batch		
Week	Theory		Practical	
	Lecture	Topic	Practical	Topic
AUG/ 2 <sup>ND</sup>	1 <sup>st</sup>	U-1-General pharmacology- Introduction and Scope	1 <sup>st</sup>	To study introduction of experimental pharmacology
	2 <sup>nd</sup>	General pharmacology- Routes Of Drug Administration		
	3 <sup>rd</sup>	General pharmacology- Drug Absorption		
3 <sup>RD</sup>	TUTORIAL	Revision Of U-1/Notes Checking		
3 <sup>RD</sup>	1 <sup>st</sup>	General pharmacology- Bioavailability		
	2 <sup>nd</sup>	General pharmacology- Drug Distribution		
	3 <sup>rd</sup>	General pharmacology- Biotransformation- types definitions		
	TUTORIAL	Revision Of U-1/Notes Checking		
4 <sup>TH</sup>	1 <sup>st</sup>	General pharmacology- Biotransformation, factors	2 <sup>ND</sup>	To study laboratory animals (a) mice, (b) guinea pig, (C)rats ,(d) rabbits
	2 <sup>nd</sup>	General pharmacology- Drug Excretion		
	3 <sup>rd</sup>	General pharmacology- Drug Excretion, various routes		
	TUTORIAL	Revision Of U-1/Notes Checking		
5 <sup>th</sup>	1 <sup>ST</sup>	General pharmacology- Drug Action Mechanism, Factors	3 <sup>RD</sup>	To study commonly used instruments in Exp. Pharmacology
	2 <sup>ND</sup>	U-2 Drugs Acting On PNS- Introduction		

Helo

Swilpi

**Himachal institute of Pharmacy**

**Monthly Lesson Plan**

<b>Name of the faculty</b>	Mrs. Shilpi Arora
<b>Discipline</b>	Pharmacy
<b>Semester/year</b>	Diploma 2 <sup>nd</sup> Year
<b>Subject</b>	Biochemistry and clinical Pathology
<b>Lesson plan Duration</b>	AUG-2023
<b>WorkLoad/week(hrs)</b>	Lecture-03; Tutorial -1, Practical-01/batch

MONTH/ Week	THEORY		Practical
	Lecture	TOPIC	
AUG/2nd	1 <sup>st</sup>	Introduction to biochemistry	To perform qualitative analysis of carbohydrates . (glucose)
	2 <sup>nd</sup>	Scope of biochemistry in pharmacy	
	3 <sup>rd</sup>	Cell and its biochemical organization	
	Tutorial	Cell and its biochemical organization	
3rd	Tutorial	Carbohydrates Definition, classification -examples, chemical properties	
4th	1 <sup>st</sup>	Monosaccharides: Structure of glucose, fructose, lactose	
	2 <sup>nd</sup>	Monosaccharides: Structure of glucose, fructose, lactose	
	Tutorial	Revision	
5th	1 <sup>st</sup>	Disaccharides - structure of maltose, lactose and sucrose	
	2 <sup>nd</sup>	Disaccharides - structure of maltose, lactose and sucrose	

*Shilpi*