

**Himachal Institute of Pharmacy**

**Lesson Plan**

<b>Name of the Faculty</b>	Miss. Harshita Pant			
<b>Discipline</b>	Pharmacy			
<b>Semester / Year</b>	Diploma I <sup>st</sup> Year			
<b>Subject</b>	Pharmacognosy			
<b>Lesson Plan Duration</b>	December (2024)			
<b>Work Load /Week(hrs)</b>	Lecture -03: Tutorial-1, Practical -01 batch/Week			
<b>Week</b>	<b>Theory</b>		<b>Practical</b>	
	<b>Lecture</b>	<b>Topic</b>	<b>No. of Practical's</b>	<b>Topic</b>
1 <sup>st</sup> Week December	1st	Biological source , Chemical constituent and therapeutic efficacy of Antitussive Tolu Blasam, Biological source , Chemical constituent and therapeutic efficacy of Anti rheumatics Colchicum seed		To Perform the Morphological Study and Identification of Fennel
	2nd	Biological source , Chemical constituent and therapeutic efficacy of Anti tumour Vinca, Podophyllum		
	Tutorial	Biological source , Chemical constituent and therapeutics efficacy of Antidiabetic Pterocarpus , Gymnema		
2 <sup>nd</sup> week December	1st	Biological source , Chemical constituent and therapeutic efficacy of Anti – dysenteric		To Perform the Morphological Study and Identification of Ginger
	2nd	Biological source , Chemical constituent and therapeutic efficacy of Antiseptics and disinfectants Benzoin, Myrrh, Neem, Turmeric		
	3rd	Biological source , Chemical constituent and therapeutics efficacy of Antimalarial Cinchona, Artemisia		
	Tutorial	Revision		
3 <sup>rd</sup> Week December		First Sessional		
4 <sup>th</sup> Week December	1st	Biological source , Chemical constituent and therapeutics efficacy of Vitamins cod liver, shark liver oil		To Perform the Morphological Study and Identification of Cinnamon
5 <sup>th</sup> Week December	1st	Biological source , Chemical constituent and therapeutics efficacy of Enzymes Papaya, Diastase , Pancreatin, yeast		

*Harshita Pant*

*Swilpi  
01/10/2025*

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		Dec -2024	
Work Load/week (hrs)		Lecture- 03; Tutorial -1, Practical- 01/batch	
MONTH/Week	THEORY		Practical Practical Topic
	Lecture	TOPIC	
1st	1st	Cardiovascular system- physiology of Heart	To determine blood group.
	2nd	Cardiovascular system- Blood Vessels And Circulations, Pulmonary Circulation	
	3rd	Cardiovascular system- Coronary Circulation	
	Tutorial	Revision of (chap-4)/ notes checking	
2nd	1st	Cardiovascular system- Systemic Circulation	To determine ESR
	2nd	Cardiovascular system- Cardiac Cycle, Heart Sounds	
	3rd	Cardiovascular system- ECG	
	Tutorial	ASSIGNMENT -1	
3rd			
4th	1st	Cardiovascular system- BP and it's regulations	To determine haemoglobin content of the blood
	2nd	U-8 Respiratory sytem- anatomy of respiratory organs	
	3rd	Respiratory sytem- Functions Of Respiratory Organs	
	Tutorial	ASSIGNMENT -1 Discussion	
5th	1st	Respiratory sytem- Regulation And Mechanism Of Respiration	
	2nd	Lymphatic system- lymph, syste	

*Amisha*  
*Singh*

**Monthly Lesson Plan**

<b>Name of the faculty</b>		Mr. Mohd Afsar	
<b>Discipline</b>		Pharmacy	
<b>Semester/year</b>		Diploma Ist Year	
<b>Subject</b>		Pharmaceutics	
<b>Lesson plan Duration</b>		December-2024	
<b>Work Load/week (hrs)</b>		Lecture- 03; Tutorial -1, Practical- 01/batch	
MONTH/Week	THEORY		Practical
	Lecture	TOPIC	Practical Topic
1st	<b>Tutorial</b>	<b>Revision</b>	To Prepare and Submit 100g of Sulphur Ointment I.P.
	1 <sup>st</sup>	<b>Tablets:</b> Coated, uncoated, Various modified Tablets.	
	2 <sup>nd</sup>	<b>Capsules:</b> Hard and Soft Gelatin Capsules.	
	<b>Tutorial</b>	<b>Revision U-4</b>	
2 <sup>nd</sup>	1 <sup>st</sup>	<b>Liquid Oral Preparation:</b> Solution, Syrup, Elixir, Emulsions.	To prepare and submit 10g of Cetrimide CreamBPC.
	2 <sup>nd</sup>	<b>Topical Preparation:</b> Ointment, Cream, Paste, Gels	
	<b>Tutorial</b>	<b>Revision U-4</b>	
4 <sup>th</sup>	1 <sup>st</sup>	<b>Topical Preparation:</b> Liniment and Ointment, Suppositories and pessaries.	To prepare and submit 30 ml of Cod Liver Oil Emulsion.
	2 <sup>nd</sup>	<b>Size Separation:</b> Definitions, Applications.	
	<b>Tutorial</b>	<b>Test of U-4</b>	
	3 <sup>rd</sup>	<b>Topical Preparation:</b> Nasal Preparations and Ear Preparations.	
5 <sup>th</sup>	1 <sup>st</sup>	<b>Powders and Granules.</b>	

*MS*

*Quilpi*  
01/01/2025

**Monthly Lesson Plan**

<b>Name of the faculty</b>		Mrs. Manisha Sharma	
<b>Discipline</b>		Pharmacy	
<b>Semester/year</b>		Diploma 1st Year	
<b>Subject</b>		PHARMACEUTICAL CHEMISTRY	
<b>Lesson plan Duration</b>		DEC -2024	
<b>Work Load/week (hrs)</b>		Lecture- 03; Tutorial -1, Practical- 01/batch	
MONTH/Week	THEORY		Practical
	Lecture	TOPIC	Practical Topic
DEC/1 <sup>st</sup>	1 <sup>st</sup>	Introduction to nomenclature of organic chemical systems	To prepare and standardize 1N Sodium hydroxide
	2 <sup>nd</sup>	Heterocyclic nomenclature	
	<b>Tutorial</b>	Heterocyclic nomenclature	
2 <sup>nd</sup>	3 <sup>rd</sup>	Sedatives and Hypnotics	To prepare and standardize 0.1N KMNO <sub>4</sub> solution by using standard sol. Of 0.1 N oxalic acid
	1 <sup>st</sup>	Sedatives and Hypnotics	
	2 <sup>nd</sup>	Antipsychotics	
3 <sup>rd</sup>	<b>Tutorial</b>	Antipsychotics:	I SESSIONAL EXAMS
	3 <sup>rd</sup>	Revision for sessionals	
	I SESSIONAL EXAMS		
4 <sup>th</sup>	1 <sup>st</sup>	Anticonvulsants:	
	2 <sup>nd</sup>	Anticonvulsants:	
	<b>Tutorial</b>	Anti-Depressants:	
5 <sup>th</sup>	1 <sup>st</sup>	Anti-Depressants:	

*Manisha*

*Swipe  
01/01/2025*

**Himachal institute of Pharmacy**

**Monthly Lesson Plan**

<b>Name of the faculty</b>	Mr. Ayush Sharma
<b>Discipline</b>	Pharmacy
<b>Semester/year</b>	Diploma 1 Year
<b>Subject</b>	SOCIAL PHARMACY
<b>Lesson plan Duration</b>	DEC-2024
<b>Work Load/week (hrs)</b>	Lecture- 03; Tutorial -1, Practical -1 batch/ week

MONTH/Week	THEORY		practical
	Lecture	TOPIC	
DEC/ 1 <sup>st</sup>	<b>Tutorial</b>	Basics of nutrition	To study Emergency treatment for drug bite
	1 <sup>st</sup>	- Macronutrients	
	2 <sup>nd</sup>	- Micronutrients	
	3 <sup>rd</sup>	Importance of water and fibres in diet	
2 <sup>nd</sup>	<b>Tutorial</b>	Balanced diet, Malnutrition	To study Emergency treatment for epilepsy
	1 <sup>st</sup>	nutrition deficiency disease	
	2 <sup>nd</sup>	ill effects of junk foods, calorific and nutritive values of various foods	
	3 <sup>rd</sup>	fortification of food Introduction to food safety	
	<b>Tutorial</b>		
3 <sup>rd</sup>		<b>I SESSIONAL EXAMS</b>	<b>I SESSIONAL EXAMS</b>
	1 <sup>st</sup>	Balanced diet, Malnutrition, nutrition deficiency disease	To study menstrual hygiene
4 <sup>th</sup>			

*[Handwritten signature]*

*[Handwritten signature]*  
01/01/2025