

**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		FEBRUARY - 2024	
Work Load/week (hrs)		Lecture- 03; Tutorial -1, Practical -1 / week	
MONTH/W eek	THEORY		Practical Practical Topic
	Lecture	TOPIC	
1st	Tutorial	Legal requirements to set up a community pharmacy-intoduction	To provide counselling to simulated patients for the minor ailments like skin infection
	3rd	Site selection requirements	
2nd	1st	Documents required to set up community pharmacy	To provide counselling to simulated patients for the minor ailments like oral and dental disorders
	2 <sup>nd</sup>	Pharmacy designs	
	Tutorial		
	3rd	Vendor selection	
3rd	1 <sup>st</sup>	Interiors of pharmacy	To study . Appropriate handling of dummy dosage forms with correct administration techniques-oral liquids with measuring cups,dropper ,nasal drops
	2 <sup>nd</sup>	Ordering in pharmacy	
	Tutorial	Procurement cycle	
4th	1 <sup>st</sup>	Inventory control methods	To study administration of solid dosage form -tablets
	2 <sup>nd</sup>	Inventory control methods	
	3rd	Revision for sessionals	
5th		2 <sup>nd</sup> SESSIONAL EXAMS	2 <sup>nd</sup> SESSIONAL EXAMS

*Manish*

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Monthly LessonPlan			
Name of the faculty		Mrs. Manisha Sharma	
Semester/year		Diploma 2 <sup>nd</sup> Year	
Subject		Biochemistry and clinical Pathology	
Lesson plan Duration		FEBRUARY-2024	
WorkLoad/week(hrs)		Lecture-03; Tutorial -1, Practical-01/batch	
MONTH/Week	THEORY		Practical
	Lecture	TOPIC	Practical Topic
1st	Tutorial	General reactions of amino acids and its significance– Transamination	To estimate quantity of urea in given sample of serum
2nd	1 <sup>st</sup>	General reactions of amino acids and its significance– deamination,	To detect normal constituents of urine
	2 <sup>nd</sup>	Urea cycle	
	3 <sup>rd</sup>	Decarboxylation	
	Tutorial	Diseases related to abnormal metabolism of amino acids	
3rd	1 <sup>st</sup>	Biological oxidation	To detect abnormal constituents of urine
	2 <sup>nd</sup>	Revision	
	3 <sup>rd</sup>	Electron transport chain	
4th	1 <sup>st</sup>	Introduction to Biotechnology	
	2 <sup>nd</sup>	Introduction to Biotechnology	
	3 <sup>rd</sup>	Revision for sessionals	
5th		SESSIONALS	SESSIONALS

Manisha  
Sharma

## LESSON PLAN

Name of the Faculty : Inderjeet Kaur  
 Discipline : D. Pharmacy  
 Year : 2nd YEAR  
 Subject : Hospital Pharmacy and Clinical Pharmacy  
 Lesson Plan Duration : February 2024

WEEK	THEORY		PRACTICAL	
	LECTURE DAY	TOPIC HEADLINE	PRACTICAL DAY	TOPIC
1 <sup>st</sup>	1	Home Medication Review		
	2	Clinical laboratory tests used in the evaluation of disease states		
2 <sup>nd</sup>	TUTORIAL	REVISION		
	1	Significance of test results	1	Sterilization of surgical instruments by dry heat method (Hot Air Oven)
	2	Interpretation of test results		
	3	CLASS TEST		
TUTORIAL	Liver function tests Renal function tests Thyroid function tests			
3 <sup>rd</sup>	1	Haematological Functions tests Tests associated with cardiac disorders Fluid and Electrolyte Balance	2	Preparation of patient profile for single patient in MS word
	2	Pulmonary Function Tests Thyroid function tests		
	3	REVISION		
4 <sup>th</sup>	1	Poisoning: Types of poisoning Drugs and Poison Information Centre and their services	3	Preparation of record for registration of patients in Hospital using Microsoft Excel Worksheet
	2	Manifestations and Antidotes		
	3	CLASS TEST		
5 <sup>th</sup>		II-nd SESSIONAL EXAM		

*Inderjeet Kaur*  
*Singh*

### Monthly Lesson Plan

Name of the faculty	Mrs. Amisha Maheshwari
Discipline	Pharmacy
Semester/year	Diploma 2nd Year
Subject	PHARMACOLOGY
Lesson plan Duration	Feb -2024
Work Load/week (hrs)	Lecture- 03; Tutorial-1, Practical- 01/batch

MONTH/Week	THEORY		Practical Practical Topic
	Lecture	TOPIC	
1 <sup>st</sup>	1 <sup>st</sup>	U-10-Hormones and Hormone Antagoists- Calcitonin- Definitions,class,actions, dose indication, contraindication, dose indication, contraindication	
	2 <sup>nd</sup>	U-10-Hormones and Hormone Antagoists- Vit-D- Definitions,class,actions, dose indication, contraindication, dose indication, contraindication	
	Tutorial	Revision	
2 <sup>nd</sup>	1 <sup>st</sup>	U-10-Hormones and Hormone Antagoists- Insulin- Definitions,class,actions, dose indication, contraindication, dose indication, contraindication	To study screening of CNS stimulant and depressant using Actophotometer
	2 <sup>nd</sup>	U-10-Hormones and Hormone Antagoists- Oral hypoglycemic agents- Definitions,class,actions, dose indication, contraindication, dose indication, contraindication	
	3 <sup>rd</sup>	U-10-Hormones and Hormone Antagoists- Estrogen- Definitions,class,actions, dose indication, contraindication, dose indication, contraindication	
	Tutorial	ASSIGNMENT NO. 3	
3 <sup>rd</sup>	1 <sup>st</sup>	U-10-Hormones and Hormone Antagoists- Progesterones - Definitions,class,actions, dose indication, contraindication, dose indication, contraindication	To study Anxiolytic activity using elevated plus maze method
	2 <sup>nd</sup>	U-10-Hormones and Hormone Antagoists- Oxytocin- Definitions,class,actions, dose indication, contraindication, dose indication, contraindication	
	3 <sup>rd</sup>	U-10-Hormones and Hormone Antagoists- Corticosteroids- Definitions,class,actions, dose indication, contraindication, dose indication, contraindication	
4 <sup>th</sup>	1 <sup>st</sup>	U-11- Autocoids- Role of Histamine, 5-HT	To study effect of drug (1) on isolated Heart
	2 <sup>nd</sup>	U-11- Autocoids- Role of Prostaglandins	
	3 <sup>rd</sup>	U-11- Autocoids- Classification, ADR's of antihistamines	
5 <sup>th</sup>	2 <sup>ND</sup> SESSIONALS		

Amisha

Sudhi

### Monthly Lesson Plan

Name of the faculty	Mrs. Amisha Maheshwari
Discipline	Pharmacy
Semester/year	Diploma 2nd Year
Subject	PHARMACOTHERAPEUTICS
Lesson plan Duration	Feb -2024
Work Load/week (hrs)	Lecture- 03; Tutorial -1, Practical- 01/batch

MONTH/Week	THEORY		Practical Practical Topic
	Lecture	TOPIC	
1st	1 <sup>st</sup>	<b>Dermatology- Psoriasis--</b> - causes, diagnosis ,treatments	To preapare and discuss SOAP notes for CASE STUDY 3
	2 <sup>nd</sup>	<b>Dermatology- Scabies--</b> introduction, pathogenesis ,clinical menifestation, causes, diagnosis ,treatments	
2 <sup>nd</sup>	1 <sup>st</sup>	<b>Dermatology- Eczema--</b> introduction, pathogenesis ,clinical menifestation, causes, diagnosis ,treatments	To preapare and discuss SOAP notes for CASE STUDY 4
	Tutorial	<b>ASSIGNMENT NO. 3</b>	
	2 <sup>nd</sup>	<b>U-11 Psychiatric Disorders-Depression-</b> introduction, pathogenesis ,clinical manifestation	
3 <sup>rd</sup>	3 <sup>rd</sup>	<b>Psychiatric Disorders-Depression-</b> causes, diagnosis ,treatments	To preapare and discuss SOAP notes for CASE STUDY 5
	1 <sup>st</sup>	<b>Psychiatric Disorders-Anxiety -</b> introduction, pathogenesis ,clinical manifestation	
	Tutorial	Revision	
4 <sup>th</sup>	2 <sup>nd</sup>	<b>Psychiatric Disorders-Anxiety -</b> causes, diagnosis ,treatments	To preapare and discuss SOAP notes for PAEDIATRICS AND GERIATRICS (CASE STUDY 1)
	1 <sup>st</sup>	<b>Psychiatric Disorders-Psychosis -</b> introduction, pathogenesis ,clinical manifestation	
	Tutorial	Revision	
5 <sup>th</sup>	2 <sup>nd</sup>	<b>Psychiatric Disorders-Psychosis -</b> causes, diagnosis ,treatments	
		2 <sup>ND</sup> SESSIONALS	

Amisha

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## LESSON PLAN

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

Week	Theory	
	Lecture day	Topic (Including Assignment/Test)
1 <sup>st</sup> week of February	1	Medical devices-categorization.
	2	basic aspects related to manufacture and sale
2 <sup>nd</sup> week of February	T	Revision
	1	Unit-I (Revision)
	2	Unit-I (Revision)
	3	Class Test
3 <sup>rd</sup> week of February	T	Unit-II (Revision)
	1	Unit-II (Revision)
	2	Class Test
	3	<b>17<sup>th</sup> February 2024, FRESHER PARTY.</b>
4 <sup>th</sup> week of February	T	Unit-III (Revision)
	1	Unit-III (Revision)
	2	Class Test
	3	<b>GURU RAVIDAS JAYANTI</b>

5<sup>th</sup> week of  
February

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**2<sup>nd</sup> sessional examination**

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