

Himachal institute of Pharmacy			
Annual 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	(2024-2025)		
Work Load/week (hrs)	Lecture-03; Tutorial -1, Practical -1 / week		
MONTH/ Week	THEORY		Practical
	Lecture	TOPIC	Practical Topic
SEP/ Ist	1st	Introduction to community pharmacy	To handle and review prescription check with professional standards and check for legal compliance and completeness
	2nd	Definition, history and development of community pharmacy	
	Tutorial	International scenarios	
	3rd	Indian scenarios	
2nd	1st	Professional responsibilities of community pharmacists	To handle and review prescription check with professional standards and check for legal compliance and completeness
	2nd	Introduction to the concept of Good Pharmacy Practice	
	Tutorial	Revision	
	3rd	SoP	
3 <sup>rd</sup>	1st	Definition, parts of prescriptions	To identify drug-drug interactions in the prescription and follow-up actions to prevent it
	2nd	legality of prescriptions, prescription handling	
	Tutorial	Revision	
	3rd	prescription handling	
4 <sup>th</sup>	1st	labelling of dispensed medications	
	2nd	brief instructions on medication usage	
OCT/Ist	1st	Dispensing process	To prepare dispensing labels and auxiliary labels for the prescribed medications
	2nd	dispensing errors and strategies to minimize them	
	Tutorial	Revision	
	3rd	Good Dispensing Practices,	
2 <sup>nd</sup>	1st	Definition, types of communication skills	To provide health screening services for monitoring patients / detecting new patients- blood pressure monitoring
	2nd	Interactions with professionals and patients	
	Tutorial	ASSIGNMENT -1	
3 <sup>rd</sup>	1st	Verbal communication skills	To provide health screening services for monitoring patients / detecting new patients- lung function assessment
	2nd	Verbal communication skills	
	Tutorial	Revision	
	3rd	Written communication skills	
4 <sup>th</sup>	1st	Body language	To provide health screening services for monitoring patients / detecting new patients BMI measurement
	2nd	Patient interview techniques	
	Tutorial	Revision	
	3rd	Definition and benefits of patient counselling	
5 <sup>th</sup>	1st	Stages of patient counselling	
	2nd	Stages of patient counselling	
NOV/2 <sup>nd</sup>	1st	Barriers to effective counseling	To provide health screening services for blood glucose
	2nd	Revision for sessional	



	<b>Tutorial</b>	Revision for sessional	monitoring
	<b>3rd</b>	Revision for sessional	
<b>3<sup>rd</sup></b>	<b>1st</b>	<b>Ist SESSIONAL EXAM</b>	<b>Ist SESSIONAL EXAM</b>
<b>4<sup>th</sup></b>	<b>1st</b>	strategies to overcome the barriers	To provide counselling to simulated patients for chronic disease -Primary hypertension
	<b>2nd</b>	Patient counselling points for chronic diseases - Hypertension, Diabetes,	
	<b>Tutorial</b>	Asthma	
	<b>3rd</b>	Tuberculosis, Chronic obstructive pulmonary disease	
<b>5<sup>th</sup></b>	<b>1st</b>	AIDS	To provide counselling to simulated patients for the chronic disease - Asthma including education on the use of devices such as inhalers, spacers, nebulizers
	<b>2nd</b>	Patient Package Inserts	
	<b>Tutorial</b>	Revision	
	<b>3rd</b>	Patient Package Inserts	
<b>DEC/Ist</b>	<b>1st</b>	Patient Information leaflets	To provide counselling to simulated patients for the chronic diseases- Hyperlipidema
	<b>2nd</b>	Definition, factors influencing non-adherence,	
	<b>Tutorial</b>	Revision	
	<b>3rd</b>	strategies to overcome non-adherence	
<b>2nd</b>	<b>1st</b>	Introduction, scope, and importance of various health screening	To provide counselling to simulated patients for the chronic diseases-Rheumatid arthritis
	<b>2nd</b>	Introduction, scope, and importance of various health screening	
	<b>Tutorial</b>	Revision	
	<b>3rd</b>	Health screering of undiagnosed cases-TB	
<b>3rd</b>	<b>1st</b>	cancer	To provide counselling to simulated patients for the minor ailment like headache
	<b>2nd</b>	Blood pressure	
	<b>Tutorial</b>	Assignment-2	
	<b>3rd</b>	asthma	
<b>4th</b>	<b>1st</b>	Over The Counter (OTC) Medications	To provide counselling to simulated patients for the GI disturbances like nausea,vomiting,dyspepsia
	<b>2nd</b>	need and role of Pharmacists in OTC medication	
	<b>Tutorial</b>	Revision	
	<b>3rd</b>	• OTC medications in India	
<b>5<sup>th</sup></b>	<b>1st</b>	counseling for OTC products	To provide counselling to simulated patients for the GI disturbances like diarrhea,constipation
	<b>2nd</b>	Self-medication and role of pharmacists in promoting the safe practices during self-medication	
<b>JAN/1st</b>	<b>Tutorial</b>	Revision	
	<b>3rd</b>	Pain management,	
<b>2nd</b>	<b>1st</b>	Cough, Cold	To provide counselling to simulated patients for the minor ailments like worm infection
	<b>2nd</b>	Diarrhea, Constipation,	
	<b>Tutorial</b>	Revision	
	<b>3rd</b>	Vomiting	
<b>3rd</b>	<b>1st</b>	Fever	To provide counselling to simulated patients for the following chronic diseases like Type 2 Diabetes Mellitus including use of device such as insulin pen
	<b>2nd</b>	Sore throat	
	<b>Tutorial</b>	Revision	
	<b>3rd</b>	Skin Diseases	



4th	1st	Oral health	To provide counselling to simulated patients for the minor ailments like pyrexia
	2nd	Oral health	
	Tutorial	Revision	
5th	1st	Community Pharmacy Management	
	2nd	SEMINAR	
	Tutorial	SEMINAR	
FEB/1st	3rd	Legal requirements to set up a community pharmacy	To provide counselling to simulated patients for the minor ailments upper respiratory tract infection
2nd	1st	Site selection requirements	
	2nd	Pharmacy designs and interiors	
	Tutorial	Assignment-3	
3rd	3rd	Vendor selection and ordering	
	1st	Vendor selection and ordering	To provide counselling to simulated patients for the minor ailments like skin infection
	2nd	Procurement	
Tutorial	Revision		
4th	3rd	inventory control methods,	
	1st	inventory control methods,	
	2nd	inventory management	
	Tutorial	Revision	
5th	3rd	Financial planning and management	
	1st	Financial planning and management	
	2nd	Accountancy in community pharmacy – Day book	
	Tutorial	Revision for sessionals	
MAR/1st	3rd	Revision for sessionals	2 <sup>nd</sup> SESSIONAL EXAMS
2nd		2 <sup>nd</sup> SESSIONAL EXAMS	
3rd	1st	Cash book	To study . Appropriate handling of dummy dosage forms with correct administration techniques-oral liquids with measuring cups,dropper ,nasal drops
	2nd	pharmacy operation softwares	
	3rd	pharmacy operation softwares	
4th	1st	Customer Relation Management (CRM)	To study administration of solid dosage form –tablets
	2nd	Customer Relation Management (CRM)	
	Tutorial	Revision	
	3rd	Audits in Pharmacies	
5th	1st	SOP of Pharmacy Management	To study administration of enemas
	2nd	Introduction to Digital Health,	
	Tutorial	Revision	
	3rd	Introduction to Digital Health,	
APR/1st	Tutorial	Revision	
	3rd	Online pharmacies	
2nd	1st	Revision(CH-1)	To study administration of suppositories
	2nd	Revision(CH-2)	
	Tutorial	Revision(CH-2)	
	3rd	Revision(CH-3)	
3rd	3rd	Revision(CH-3)	Revision
4th	1st	Revision(CH-4)	
	2nd	Revision(CH-4)	
	Tutorial	Revision(CH-5)	
	3rd	Revision(CH-5)	

5th	1st	Revision(CH-6)	Revision	
	2nd	Revision(CH-6)		
MAY/1st	Tutorial	Revision(CH-7)		
	3rd	Revision(CH-7)		
2nd	1st	Revision(CH-8)		Revision
	2nd	Revision(CH-8)		
	Tutorial	Revision(CH-8)		
	3rd	Revision(CH-9)		
3rd	Tutorial	Revision(CH-9)		Revision
	3rd	Revision(CH-9)		
4th	1st	Revision(CH-9)	Revision	
	2nd	Revision(CH-9)		

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Himachal institute of Pharmacy				
Annual Lesson Plan				
Name of the faculty		Mrs. Amisha Maheshwari		
Discipline		D.Pharmacy		
Semester/year		Diploma 2 <sup>nd</sup> year		
Subject		Pharmacotherapeutics		
Lesson plan Duration		SEP- JUN ( 2024-2025)		
Work Load/week (hrs)		Lecture- 03; Tutorial -1,Practical- 01/batch		
Week	Theory		Practical	
	Lecture	Topic	Practical	Topic
SEP/ 1 <sup>st</sup>	1 <sup>st</sup>	U-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		
2 <sup>ND</sup>	1 <sup>st</sup>	Pharmacotherapeutics-Rational use of medicines	2 <sup>ND</sup>	To prepare and discuss SOAP notes for Hypertension
	TUTORIAL	U-I Revision		
	2 <sup>ND</sup>	Pharmacotherapeutics-Irrational use of medicines		
	3 <sup>RD</sup>	Pharmacotherapeutics-Evidence Based Medicines		
3 <sup>RD</sup>	1 <sup>st</sup>	Pharmacotherapeutics- EML	3 <sup>rd</sup>	To prepare and discuss SOAP notes for Angina Pectoris
	TUTORIAL	Revision of U-1 /notes checking		
	2 <sup>rd</sup>	Pharmacotherapeutics-STG'S		
	3 <sup>RD</sup>	U-2 CVS- Hypertension- introduction, pathogenesis		
4 <sup>TH</sup>	1 <sup>st</sup>	CVS- Hypertension- clinical manifestation, causes	4 <sup>th</sup>	To prepare and discuss SOAP notes for Myocardial Infarction
	TUTORIAL	Revision of U-2 /notes checking		
	2 <sup>ND</sup>	CVS- Hypertension- diagnosis ,treatments		
	3 <sup>RD</sup>	CVS- Angina- introduction, pathogenesis		
5 <sup>th</sup>	1 <sup>st</sup>	CVS- Angina- clinical manifestation, causes		
OCT/1 <sup>st</sup>	1 <sup>st</sup>	CVS- Angina- diagnosis ,treatments	5 <sup>th</sup>	To prepare and discuss SOAP notes for Hyperlipidaemia
	2 <sup>ND</sup>	CVS-Hyperlipidemia- introduction, pathogenesis		
2 <sup>nd</sup>	1 <sup>st</sup>	CVS- Hyperlipidemia- clinical manifestation, causes	6 <sup>th</sup>	To prepare and discuss SOAP notes for RA
	TUTORIAL	Revision of U-2 /notes checking		
	2 <sup>ND</sup>	CVS- Hyperlipidemia- diagnosis ,treatments		
3 <sup>rd</sup>	1 <sup>st</sup>	CVS- CHF- introduction, pathogenesis		
	TUTORIAL	Revision of U-2 /notes checking		
	2 <sup>ND</sup>	CVS- CHF- clinical manifestation, causes		

4 <sup>TH</sup>	1 <sup>ST</sup>	CVS- CHF- diagnosis ,treatments	7 <sup>th</sup>	To preapare and discuss SOAP notes for Asthma
	TUTORIAL	Revision of U-2 /notes checking		
	2 <sup>ND</sup>	U-3 Respiratory system- Asthma- introduction, pathogenesis		
	3 <sup>RD</sup>	Respiratory system- Asthma- clinical menifestation, causes		
5 <sup>TH</sup>	1 <sup>st</sup>	Respiratory system- Asthma- diagnosis ,treatments		
	TUTORIAL	Revision of U-2 /notes checking		
NOV /1 <sup>ST</sup>	1 <sup>ST</sup>	Respiratory system- COPD-- introduction, pathogenesis ,clinical menifestation, causes		
2 <sup>ND</sup>	1 <sup>ST</sup>	Respiratory system- COPD-- diagnosis ,treatments	8 <sup>th</sup>	To preapare and discuss SOAP notes for COPD
	TUTORIAL	ASSIGNMENT NO. 1		
	2 <sup>ND</sup>	U-4 Endocrine system- Diabetes- introduction, pathogenesis ,clinical menifestation		
	3 <sup>RD</sup>	Endocrine system- Diabetes- causes, diagnosis ,treatments		
3 <sup>RD</sup>	1 <sup>ST</sup>	Endocrine system- Thyroid disorder- hyper- introduction, pathogenesis ,clinical menifestation, causes, diagnosis ,treatments	9 <sup>TH</sup>	To preapare and discuss SOAP notes for Diabetes
	TUTORIAL	Revision of U-3 /notes checking		
	2 <sup>ND</sup>	Endocrine system- Thyroid disorder- hypo- introduction, pathogenesis ,clinical menifestation, causes, diagnosis ,treatments		
	3 <sup>RD</sup>	U-5 CNS- Epilepsy- introduction, pathogenesis ,clinical menifestation		
4 <sup>TH</sup>	1 <sup>st</sup>	CNS- Epilepsy- causes, diagnosis ,treatments	10 <sup>th</sup>	To preapare and discuss SOAP notes for Epilepsy
	TUTORIAL	Revision of U-4 /notes checking		
	2 <sup>ND</sup>	CNS- Parkinson's disease- introduction, pathogenesis ,clinical menifestation		
	3 <sup>RD</sup>	CNS- Parkinson's disease- causes, diagnosis ,treatments		
5 <sup>TH</sup>	1 <sup>ST</sup>	CNS- Alzheimer's Disease- introduction, pathogenesis ,clinical menifestation, causes, diagnosis ,treatments	11 <sup>TH</sup>	To preapare and discuss SOAP notes for Stroke
	TUTORIAL	ASSIGNMENT NO. 1 (Discussion)		
	2 <sup>ND</sup>	CNS- Stroke- introduction, pathogenesis ,clinical menifestation, causes, diagnosis ,treatments		
	3 <sup>RD</sup>	CNS- Migraine- introduction, pathogenesis ,clinical menifestation, causes, diagnosis ,treatments		



6 <sup>TH</sup>	1 <sup>ST</sup>	<b>U-6 GI Disorders- GERD- -</b> introduction, pathogenesis ,clinical menifestation, causes, diagnosis ,treatments		
DEC/1 <sup>ST</sup>	1 <sup>ST</sup> SESSIONALS (TENTATIVE )			
2 <sup>ND</sup>	1 <sup>ST</sup>	<b>GI Disorders- Peptic ulcers-</b> introduction, pathogenesis ,clinical menifestation, causes, diagnosis ,treatments		To preapare and discuss SOAP notes for Depression
	<b>TUTORIAL</b>	Revision of U-5 /notes checking	12 <sup>th</sup>	
	2 <sup>ND</sup>	<b>GI Disorders- ALD-</b> introduction, pathogenesis ,clinical menifestation, causes, diagnosis ,treatments		
	3 <sup>RD</sup>	<b>GI Disorders- chrohn's disease (IBD)-</b> introduction, pathogenesis ,clinical menifestation, causes, diagnosis ,treatments		
3 <sup>RD</sup>	1 <sup>ST</sup>	<b>GI Disorders- Ulcerative Colitis(IBD)-</b> introduction, pathogenesis ,clinical menifestation, causes, diagnosis ,treatments	13 <sup>th</sup>	To prepare and discuss SOAP notes for TB
	<b>TUTORIAL</b>	Revision of U-6 /notes checking		
	2 <sup>ND</sup>	<b>U-7 Haematological disorders-Iron deficiency anaemia-</b> introduction, pathogenesis ,clinical menifestation, causes, diagnosis ,treatments		
	3 <sup>RD</sup>	<b>Haematological disorders- Megaloblastic anaemia--</b> introduction, pathogenesis ,clinical menifestation, causes, diagnosis ,treatments		

4 <sup>TH</sup>	1 <sup>ST</sup>	<b>U-8 Infectious Disease- TB-</b> introduction, pathogenesis ,clinical menifestation, causes, diagnosis ,treatments	14 <sup>th</sup>	To preapare and discuss SOAP notes for Anaemia
	2 <sup>nd</sup>	<b>Infectious Disease- Pneumonia -</b> introduction, pathogenesis ,clinical menifestation, causes, diagnosis ,treatments		
	3 <sup>rd</sup>	<b>Infectious Disease- UTI's-</b> introduction, pathogenesis ,clinical menifestation, causes, diagnosis ,treatments		
5 <sup>th</sup>	1 <sup>ST</sup>	<b>Infectious Disease- Hepatitis-</b> introduction, pathogenesis ,clinical menifestation, causes, diagnosis ,treatments		
JAN/ 1 <sup>ST</sup>	TUTORIAL	Revision of U-7 /notes checking	15 <sup>TH</sup>	To preapare and discuss SOAP notes for Viral Infection
	1 <sup>st</sup>	<b>Infectious Disease- Gonorrhoea-</b> introduction, pathogenesis ,clinical menifestation, causes, diagnosis ,treatments		
	2 <sup>ND</sup>	<b>Infectious Disease- Syphilis-</b> introduction, pathogenesis ,clinical menifestation, causes, diagnosis ,treatments		
2 <sup>ND</sup>	1 <sup>st</sup>	<b>Infectious Disease- HIV And Opportunistic Infections-</b> introduction, pathogenesis ,clinical menifestation, causes, diagnosis ,treatments	16 <sup>th</sup>	To preapare and discuss SOAP notes for Dermatitis
	TUTORIAL	Revision of U-7 /notes checking		
	2 <sup>ND</sup>	<b>Infectious Disease- Viral infections (SARS)-</b> introduction, pathogenesis ,clinical menifestation, causes, diagnosis ,treatments		
	3 <sup>RD</sup>	<b>Infectious Disease- Viral infections (CoV2) -</b> introduction, pathogenesis ,clinical menifestation, causes, diagnosis ,treatments		
3 <sup>RD</sup>	1 <sup>st</sup>	<b>U-9 Musculoskeletal disorders- RA-</b> introduction, pathogenesis ,clinical menifestation, causes, diagnosis ,treatments	17 <sup>th</sup>	To preapare and discuss SOAP notes for CASE STUDY 1
	TUTORIAL	Revision of U-8 /notes checking		
	2 <sup>ND</sup>	<b>Musculoskeletal disorders-RA-</b> causes, diagnosis ,treatments		
	3 <sup>RD</sup>	<b>Musculoskeletal disorders- Osteoarthritis-</b> introduction, pathogenesis ,clinical menifestation, causes, diagnosis ,treatments		
4 <sup>TH</sup>	1 <sup>st</sup>	<b>U-10 Dermatology- Psoriasis--</b> introduction, pathogenesis ,clinical menifestation, causes, diagnosis ,treatments	18 <sup>th</sup>	To preapare and discuss SOAP notes for CASE STUDY 2
	TUTORIAL	Revision of U-9 /notes checking		
	2 <sup>ND</sup>	<b>Dermatology- Psoriasis-- -</b> causes,		



5 <sup>TH</sup>	1 <sup>ST</sup>	diagnosis ,treatments <b>Dermatology- Scabies--</b> introduction, pathogenesis ,clinical menifestation, causes, diagnosis ,treatments	19 <sup>th</sup>	To preapare and discuss SOAP notes for CASE STUDY 3
	TUTORIAL	Revision of U-9 /notes checking		
	2 <sup>ND</sup>	<b>Dermatology- Eczema--</b> introduction, pathogenesis ,clinical menifestation, causes, diagnosis ,treatments		
FEB/1 <sup>st</sup>	1 <sup>st</sup>	<b>U-11 Psychiatric Disorders- Depression-</b> introduction, pathogenesis ,clinical menifestation		
2 <sup>nd</sup>	1 <sup>st</sup>	<b>Psychiatric Disorders-Depression-</b> causes, diagnosis ,treatments	20 <sup>th</sup>	To preapare and discuss SOAP notes for CASE STUDY 4
	TUTORIAL	<b>ASSIGNMENT NO. 2 (DISCUSSION)</b>		
	2 <sup>ND</sup>	<b>Psychiatric Disorders-Anxiety -</b> introduction, pathogenesis ,clinical menifestation		
	3 <sup>RD</sup>	<b>Psychiatric Disorders-Anxiety -</b> causes, diagnosis ,treatments		
3 <sup>rd</sup>	1 <sup>st</sup>	<b>Psychiatric Disorders-Psychosis -</b> introduction, pathogenesis ,clinical menifestation	21 <sup>ST</sup>	To preapare and discuss SOAP notes for CASE STUDY 5
	2 <sup>ND</sup>	<b>Psychiatric Disorders-Psychosis -</b> causes, diagnosis ,treatments		
	3 <sup>RD</sup>	<b>U-12 Ophthalmology- Conjunctivitis-</b> introduction, pathogenesis		
4 <sup>TH</sup>	1 <sup>st</sup>	<b>Ophthalmology-Conjunctivitis-</b> clinical menifestation, cause	22 <sup>ND</sup>	To preapare and discuss SOAP notes for PAEDIATRICS AND GERIATRICS (CASE STUDY 1)
	TUTORIAL	Revision of U-10 /notes checking		
	2 <sup>ND</sup>	<b>Ophthalmology-Conjunctivitis-</b> diagnosis ,treatments		
	3 <sup>RD</sup>	<b>Ophthalmology-Glaucoma -</b> introduction, pathogenesis		
5 <sup>TH</sup>	1 <sup>st</sup>	<b>Ophthalmology-Glaucoma -</b> clinical menifestation, causes		
	2 <sup>ND</sup>	<b>Ophthalmology-Glaucoma -</b> diagnosis ,treatments		
MAR/1 <sup>ST</sup>	1 <sup>ST</sup>	<b>U-13 Anti-Microbial Resistance</b>		
2 <sup>ND</sup>	2 <sup>ND</sup> SESSIONALS (TENTATIVE)			
3 <sup>RD</sup>	1 <sup>ST</sup>	<b>Anti-Microbial Resistance</b>	23 <sup>RD</sup>	To preapare and discuss SOAP notes for PAEDIATRICS AND GERIATRICS (CASE STUDY 2)
	TUTORIAL	Revision of U-11 /notes checking		
	2 <sup>ND</sup>	<b>Anti-Microbial Resistance</b>		
	3 <sup>RD</sup>	<b>Anti-Microbial Resistance</b>		
4 <sup>TH</sup>	1 <sup>ST</sup>	<b>U-14 Women's Health-Polysystic</b>	24 <sup>TH</sup>	To preapare and discuss



		<b>Ovary Syndrome-</b> introduction, pathogenesis		SOAP notes for PAEDIATRICS AND GERIATRICS (CASE STUDY 3)
	<b>TUTORIAL</b>	<b>ASSIGNMENT NO. 3</b>		
	<b>2<sup>ND</sup></b>	<b>Women's Health-Polysystic Ovary Syndrome-</b> clinical menifestation, causes		
	<b>3<sup>RD</sup></b>	<b>Women's Health-Polysystic Ovary Syndrome-</b> diagnosis ,treatments		
<b>5<sup>TH</sup></b>	<b>1<sup>ST</sup></b>	<b>Women's Health-Dysmenorrhea-</b> introduction, pathogenesis ,clinical menifestation, causes, diagnosis ,treatments	<b>25<sup>TH</sup></b>	To preapare and discuss SOAP notes for PAEDIATRICS AND GERIATRICS (CASE STUDY 4)
	<b>TUTORIAL</b>	<b>ASSIGNMENT NO. 3 (DISCUSSION)</b>		
	<b>2<sup>ND</sup></b>	<b>Women's Health-Dysmenorrhea-</b> introduction		
	<b>3<sup>RD</sup></b>	<b>Women's Health-Dysmenorrhea-</b> pathogenesis, clinical menifestation		
<b>6TH</b>	<b>1<sup>ST</sup></b>	<b>Women's Health-Dysmenorrhea-</b> causes, diagnosis ,treatments		
<b>APR/1<sup>ST</sup></b>	<b>3<sup>RD</sup></b>	<b>SESSIONALS (TENTATIVE)</b>		
<b>2<sup>ND</sup></b>	<b>1<sup>ST</sup></b>	<b>Women's Health-Premenstrual syndrome-</b> causes, diagnosis ,treatments		REVISION
	<b>TUTORIAL</b>	<b>DISPLAY OF MARKS</b>		
	<b>2<sup>ND</sup></b>	REVISION		
	<b>3<sup>RD</sup></b>	REVISION		
<b>3<sup>RD</sup></b>	<b>TUTORIAL</b>	NOTES CHECKING		REVISION
	<b>2<sup>ND</sup></b>	REVISION		
	<b>3<sup>RD</sup></b>	REVISION		
<b>4TH</b>	<b>1<sup>ST</sup></b>	REVISION		REVISION
	<b>TUTORIAL</b>	REVISION		
	<b>2<sup>ND</sup></b>	REVISION		
	<b>3<sup>RD</sup></b>	REVISION		REVISION
<b>5<sup>TH</sup></b>	<b>1<sup>ST</sup></b>	REVISION		
	<b>TUTORIAL</b>	REVISION		
	<b>1<sup>ST</sup></b>	REVISION		
<b>MAY/1<sup>ST</sup></b>	<b>1<sup>ST</sup></b>	REVISION		REVISION
	<b>2<sup>ND</sup></b>	REVISION		
<b>2<sup>ND</sup></b>	<b>1<sup>ST</sup></b>	REVISION		
	<b>TUTORIAL</b>	REVISION		
	<b>2<sup>ND</sup></b>	REVISION		REVISION
	<b>3RD</b>	REVISION		
<b>3<sup>RD</sup></b>	<b>TUTORIAL</b>	REVISION		
	<b>1<sup>ST</sup></b>	REVISION		
	<b>2<sup>ND</sup></b>			
<b>4TH</b>	<b>1<sup>ST</sup></b>	REVISION		
	<b>TUTORIAL</b>	REVISION		
	<b>2<sup>ND</sup></b>	REVISION		REVISION



	3RD	REVISION		
5th	1 <sup>ST</sup>	REVISION		REVISION
	TUTORIAL	REVISION		
	2 <sup>ND</sup>	REVISION		
	3RD	REVISION		
JUN/1ST	1 <sup>ST</sup>	REVISION		REVISION
	TUTORIAL	REVISION		
	2 <sup>ND</sup>	REVISION		
	3RD	REVISION		
2ND	1 <sup>ST</sup>	REVISION		REVISION
	TUTORIAL	REVISION		
	2 <sup>ND</sup>	REVISION		
	3RD	REVISION		

*Amisha*

Prepared by – Amisha Maheshwari  
Asst. professor

*Sulpi*



Himachal institute of Pharmacy				
Annual Lesson Plan				
Name of the faculty		Mr. Ayush Sharma		
Discipline		D.Pharmacy		
Semester/year		Diploma 2 <sup>nd</sup> year		
Subject		Pharmacology		
Lesson plan Duration		SEP- JUNE ( 2024-2025)		
Work Load/week (hrs)		Lecture- 03; Tutorial -1,Practical- 01/batch		
Week	Theory		Practica I	
	Lecture	Topic	Practical	Topic
SEP/ 1 <sup>ST</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		
	TUTORIAL	Revision Of U-1/Notes Checking		
2 <sup>nd</sup>	1 <sup>st</sup>	General pharmacology- Bioavailability	2 <sup>ND</sup>	To study laboratory animals (a) mice, (b) guinea pig,
	2 <sup>nd</sup>	General pharmacology- Drug Distribution		
	3 <sup>rd</sup>	General pharmacology- Biotransformation- types definitions		
	TUTORIAL	Revision Of U-1/Notes Checking		
3 <sup>rd</sup>	1 <sup>st</sup>	General pharmacology- Biotransformation, factors	3 <sup>rd</sup>	To study laboratory animals (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		
4 <sup>TH</sup>	1 <sup>ST</sup>	General pharmacology- Drug Action Mechanism, Factors	4 <sup>th</sup>	To study commonly used instruments in Exp. Pharmacology
	2 <sup>ND</sup>	U-2 Drugs Acting On PNS- Introduction		
	3 <sup>rd</sup>	Drugs Acting On PNS- Neurohumoral Transformation		
	TUTORIAL	Revision Of U-1/Notes Checking		
OCT/ 1 <sup>st</sup>	1 <sup>st</sup>	Drugs Acting On PNS- Cholinergic Drugs- Definitions,class,actions, dose indication, contraindication		
	TUTORIAL	Revision Of U-1/Notes Checking		
2 <sup>nd</sup>	1 <sup>st</sup>	Drugs Acting On PNS- Cholinergic Drugs- indication, contraindication	5 <sup>th</sup>	To study different routes of drug administration.
	2 <sup>nd</sup>	Drugs Acting On PNS- Anti- Cholinergic Drugs-Definitions,class,		
	3 <sup>rd</sup>	Drugs Acting On PNS- Anti- Cholinergic Drugs-actions, dose indication, contraindication		
	TUTORIAL	Revision Of U-2/Notes Checking		
3 <sup>rd</sup>	1 <sup>st</sup>	Drugs Acting On PNS- Anti- Adrenergic drugs -Definitions,class,actions, dose	6 <sup>th</sup>	To study types of pre-clinical experiments-In-vivo



		indication, contraindication		
	2 <sup>nd</sup>	<b>Drugs Acting On PNS- Anti- Anti-Adrenergic drugs</b> -Definitions,class,actions, dose indication, contraindication		
	<b>TUTORIAL</b>	Revision Of U-2/Notes Checking		
4 <sup>TH</sup>	1 <sup>st</sup>	<b>Drugs Acting On PNS- Neuromuscular blocking agents</b> -Definitions,class,actions, dose indication, contraindication	7 <sup>th</sup>	To study types of pre-clinical experiments- In-vitro
	2 <sup>nd</sup>	<b>Drugs Acting On PNS- Neuromuscular blocking agents</b> - indication, contraindication		
	3 <sup>rd</sup>	<b>Drugs Acting On PNS- Myasthenia gravis</b> -Definitions,class,actions, dose indication, contraindication		
	<b>TUTORIAL</b>	Revision Of U-2/Notes Checking		
5 <sup>TH</sup>	1 <sup>st</sup>	<b>Drugs Acting On PNS- local anaesthetics</b> -Definitions,class,actions, dose indication, contraindication	8 <sup>th</sup>	To study types of pre-clinical experiments- Ex-vivo
	2 <sup>nd</sup>	<b>Drugs Acting On PNS- local anaesthetics</b> -dose indication, contraindication		
NOV/1 <sup>ST</sup>	<b>TUTORIAL</b>	Revision Of U-2/Notes Checking		
2 <sup>ND</sup>	1 <sup>st</sup>	<b>Drugs Acting On PNS (NSAID's)</b> -Definitions,class,actions, dose indication, contraindication	9 <sup>TH</sup>	To study different techs. Of blood collection from animals
	2 <sup>nd</sup>	<b>Drugs Acting On PNS (NSAID's)</b> - dose indication, contraindication		
	3 <sup>rd</sup>	<b>U-3- Drugs Acting On EYE- MIOTICS</b> -Definitions,class,actions, dose indication, contraindication, dose indication, contraindication		
	<b>TUTORIAL</b>	<b>ASSIGNMENT NO. 1</b>		
3 <sup>RD</sup>	1 <sup>st</sup>	<b>Drugs Acting On EYE- MYDRIATICS</b> -Definitions,class,actions, dose indication, contraindication, dose indication, contraindication	10 <sup>th</sup>	To study different techs. Of blood collection from animals
	2 <sup>ND</sup>	<b>Drugs Acting On EYE- Glaucoma</b> -Definitions,class,actions, dose indication, contraindication, dose indication, contraindication		
	3 <sup>RD</sup>	<b>U-4-Drugs Acting On CNS- General anaesthetics</b> -Definitions,class,actions, dose indication, contraindication, dose indication, contraindication		
	<b>TUTORIAL</b>	Revision Of U-3/Notes Checking		
4 <sup>TH</sup>	1 <sup>st</sup>	<b>Drugs Acting On CNS- General anaesthetics</b> - contraindication, dose indication, contraindication	11 <sup>TH</sup>	To study local anaesthesia on Rabbit Eye
	2 <sup>ND</sup>	<b>Drugs Acting On CNS- Hypnotics</b> -Definitions,class,actions, dose indication, contraindication, dose indication, contraindication		
	3 <sup>RD</sup>	<b>Drugs Acting On CNS- Sedatives</b> -		

		Definitions,class,actions, dose indication, contraindication, dose indication, contraindication		
	<b>TUTORIAL</b>	Revision Of U-3/Notes Checking		
5 <sup>TH</sup>	1 <sup>ST</sup>	<b>Drugs Acting On CNS- Anti-convulsant drugs</b> -Definitions,class,actions, dose indication, contraindication, dose indication, contraindication	12 <sup>th</sup>	To study Mydriatic effect on Rabbit Eye
	2 <sup>ND</sup>	<b>Drugs Acting On CNS- Anti-Anxiety drugs</b> -Definitions,class,actions, dose indication, contraindication, dose indication, contraindication		
	3 <sup>RD</sup>	<b>Drugs Acting On CNS- Anti-depressant drugs</b> -Definitions,class,actions, dose indication, contraindication, dose indication, contraindication		
	<b>TUTORIAL</b>	Revision Of U-4/Notes Checking		
DEC/1 <sup>ST</sup>	<b>1<sup>st</sup> SESSIONALS (TENTATIVE)</b>			
2 <sup>ND</sup>	1 <sup>ST</sup>	<b>Drugs Acting On CNS- Anti-psychotic drugs</b> -Definitions,class,actions, dose indication, contraindication, dose indication, contraindication	13 <sup>th</sup>	To study Miotic effect on Rabbit Eye
	2 <sup>ND</sup>	<b>Drugs Acting On CNS- Nootropic agents</b> -Definitions,class,actions, dose indication, contraindication, dose indication, contraindication		
	3 <sup>RD</sup>	<b>Drugs Acting On CNS- Musclic relaxants</b> -Definitions,class,actions, dose indication, contraindication, dose indication, contraindication		
	<b>TUTORIAL</b>			
3 <sup>RD</sup>	1 <sup>ST</sup>	<b>Drugs Acting On CNS- Opioid analgesics</b> -Definitions,class,actions, dose indication, contraindication, dose indication, contraindication	14 <sup>TH</sup>	To study effect of Analgesics using Analgesiometer
	2 <sup>ND</sup>	<b>U-5-Drugs Acting On CVS –Anti-hypertensive drugs</b> -Definitions,class,actions, dose indication, contraindication,		
	3 <sup>RD</sup>	<b>Drugs Acting On CVS –Anti- anginal drugs</b> -Definitions,class,actions, dose indication, contraindication,		
	<b>TUTORIAL</b>			



4 <sup>TH</sup>	1 <sup>ST</sup>	<b>Drugs Acting On CVS –Anti- arrhythmic drugs</b> -Definitions,class,actions, dose indication, contraindication,	15 <sup>th</sup>	To study analgesic activity by writhing test
	2 <sup>ND</sup>	<b>Drugs Acting On CVS –Atherosclerosis</b> - Definitions,class,actions, dose indication, contraindication		
	<b>TUTORIAL</b>	Revision Of U-5/Notes Checking		
JAN/ 1 <sup>ST</sup>	1 <sup>ST</sup>	<b>Drugs Acting On CVS –CHF-</b> Definitions,class,actions, dose indication, contraindication,	16 <sup>th</sup>	To study screening of anti-convulsant using Electro-convulsimeter
	2 <sup>ND</sup>	<b>Drugs Acting On CVS –Drug Therapy For Shock-</b> Definitions,class,actions, dose indication, contraindication, dose indication, contraindication		
	3 <sup>RD</sup>	<b>U-6-Drugs Acting On Blood And Forming Agents-Hematinic agents-</b> Definitions,class,actions, dose indication, contraindication,		
	<b>TUTORIAL</b>	Revision Of U-5/Notes Checking		
2 <sup>ND</sup>	1 <sup>ST</sup>	<b>Drugs Acting On Blood And Forming Agents-Anti-coagulants</b> - Definitions,class,actions, dose indication, contraindication,	17 <sup>th</sup>	To study screening of anti-convulsant using Electro-convulsimeter
	2 <sup>ND</sup>	<b>Drugs Acting On Blood And Forming Agents-Anti-platelet agents-</b> Definitions,class,actions, dose indication, contraindication		
	3 <sup>RD</sup>	<b>Drugs Acting On Blood And Forming Agents-Thrombolytic drugs</b> - Definitions,class,actions, dose indication, contraindication		
	<b>TUTORIAL</b>	Revision Of U-6/Notes Checking		
3 <sup>RD</sup>	1 <sup>ST</sup>	<b>U-7 Bronchodilators-</b> Definitions,class,actions, dose indication, contraindication	18 <sup>th</sup>	To study screening of Muscle relaxant using Rota-Rod apparatus.
	2 <sup>ND</sup>	<b>U-7 Expectorants-</b> Definitions,class,actions, dose indication, contraindication		
	3 <sup>RD</sup>	<b>U-7 Anti-tussives-</b> Definitions,class,actions, dose indication, contraindication		
	<b>TUTORIAL</b>	Revision Of U-7/Notes Checking		
4 <sup>TH</sup>	1 <sup>ST</sup>	<b>U-7 Mucolytics-</b> Definitions,class,actions, dose indication, contraindication	19 <sup>th</sup>	To study screening of CNS stimulant and depressants using Actophotometer
	2 <sup>ND</sup>	<b>U-8 Drugs acting on GIT- Anti-ulceratives-</b> Definitions,class,actions, dose indication, contraindication		
	3 <sup>RD</sup>	<b>U-8 Drugs acting on GIT- Anti-Emetics-</b> Definitions,class,actions, dose indication, contraindication		
5 <sup>TH</sup>	1 <sup>ST</sup>	<b>U-8 Drugs acting on GIT- Laxatives</b> - Definitions,class,actions, dose indication, contraindication	20 <sup>th</sup>	To study Anxiolytic activity using elevated plus maze method
	2 <sup>ND</sup>	<b>U-8 Drugs-acting on GIT- Purgatives</b> - Definitions,class,actions, dose indication, contraindication		



	3 <sup>RD</sup>	<b>U-8 Drugs acting on GIT- Anti-diarrhoeal drugs</b> - Definitions,class,actions, dose indication, contraindication		
FEB/1 <sup>st</sup>	1 <sup>st</sup>	<b>U-9 Drugs acting on Kidney- Diuretics-</b> Definitions,class,actions, dose indication		
2 <sup>nd</sup>	1 <sup>st</sup>	<b>U-9 Drugs acting on Kidney- Diuretics-</b> contraindication, dose indication, contraindication	21 <sup>st</sup>	To study Anxiolytic activity using elevated plus maze method
	2 <sup>ND</sup>	<b>U-9 Drugs acting on Kidney- Anti-Diuretics-</b> Definitions,class,actions, dose indication, contraindication,		
	3 <sup>RD</sup>	<b>U-10-Hormones and Hormone Antagoists-Thyroid hormones</b> - Definitions,class,actions, dose indication, contraindication		
	TUTORIAL			
<b>ASSIGNMENT NO. 2</b>				
3 <sup>rd</sup>	1 <sup>st</sup>	<b>U-10-Hormones and Hormone Antagoists-Anti-Thyroid hormones</b> - Definitions,class,actions, dose indication, contraindication,		
	TUTORIAL	Revision Of U-9/Notes Checking		
4 <sup>TH</sup>	1 <sup>st</sup>	<b>U-10-Hormones and Hormone Antagoists-Parathormones</b> - Definitions,class,actions, dose indication, contraindication,	22 <sup>nd</sup>	To study effect of drug (1) on isolated Heart
	2 <sup>ND</sup>	<b>U-10-Hormones and Hormone Antagoists-Calcitonin-</b> Definitions,class,actions, dose indication, contraindication,		
	3 <sup>RD</sup>	<b>U-10-Hormones and Hormone Antagoists-Vit-D-</b> Definitions,class,actions, dose indication, contraindication		
	TUTORIAL	Revision Of U-10/Notes Checking		
5 <sup>TH</sup>	1 <sup>st</sup>	<b>U-10-Hormones and Hormone Antagoists-Insulin-</b> Definitions,class,actions, dose indication, contraindication, dose indication, contraindication	23 <sup>rd</sup>	To study effect of drug (1) on isolated Heart
	2 <sup>ND</sup>	<b>U-10-Hormones and Hormone Antagoists-Oral hypoglycemic agents-</b> Definitions,class,actions, dose indication, contraindication		
MAR/1 <sup>ST</sup>	1 <sup>ST</sup>	<b>U-10-Hormones and Hormone Antagoists-Estrogen-</b> Definitions,class,actions, dose indication, contraindication		
2 <sup>ND</sup>	<b>2<sup>ND</sup> SESSIONALS (TENTATIVE)</b>			
3 <sup>RD</sup>	1 <sup>ST</sup>	<b>U-10-Hormones and Hormone Antagoists-Progesterones</b> - Definitions,class,actions, dose indication, contraindication	24 <sup>th</sup>	To study effect of drugs on ciliary motility on Frog's buccal cavity.
	2 <sup>ND</sup>	<b>U-10-Hormones and Hormone Antagoists-Oxytocin-</b> Definitions,class,actions, dose indication, contraindication		
	3 <sup>RD</sup>	<b>U-10-Hormones and Hormone Antagoists-Corticosteroids-</b> Definitions,class,actions, dose indication, contraindication		



	<b>TUTORIAL</b>	Revision Of U-10/Notes Checking		
4 <sup>TH</sup>	1 <sup>ST</sup>	U-11- Autocoids- Role of Histamine, 5-HT	25 <sup>th</sup>	To study pyrogren testing by Rbbit method.
	2 <sup>ND</sup>	U-11- Autocoids- Role of Prostaglandins		
	3 <sup>RD</sup>	U-11- Autocoids- Classification , ADR's of antihistamines		
	<b>TUTORIAL</b>	Revision Of U-11/Notes Checking		
5 <sup>TH</sup>	1 <sup>ST</sup>	U-11- Autocoids- Classification , ADR's of 5-HT Antagonists		REVISION
	2 <sup>ND</sup>	U-12- Chemotherapeutics agents- Penicillins-intro, basic principle, class		
	3 <sup>RD</sup>	U-12- Chemotherapeutics agents- Penicillins- dose, indications		
	<b>TUTORIAL</b>	Revision Of U-11/Notes Checking		
APR/1 <sup>ST</sup>	1 <sup>ST</sup>			
	2 <sup>ND</sup>	U-12- Chemotherapeutics agents- Cephalosporins-intro, basic principle, class, dose, indications		REVISION
	3 <sup>RD</sup>	U-12- Chemotherapeutics agents- Aminoglycosides -intro, basic principle, class, dose, indications		
	<b>TUTORIAL</b>	<b>ASSIGNMENT NO. 3</b>		
2 <sup>ND</sup>	1 <sup>ST</sup>	U-12- Chemotherapeutics agents- Flouroquinolones -intro, basic principle, class, dose, indications		
	2 <sup>ND</sup>	U-12- Chemotherapeutics agents- Macrolides-intro, basic principle, class, dose, indications		REVISION
	3 <sup>RD</sup>	U-12- Chemotherapeutics agents- Tetracyclines-intro, basic principle, class, dose, indications		
	<b>TUTORIAL</b>	Revision Of U-12/Notes Checking		
3 <sup>RD</sup>	1 <sup>ST</sup>	U-12- Chemotherapeutics agents- Sulphonamides-intro, basic principle, class, dose, indications		
	2 <sup>ND</sup>	U-12- Chemotherapeutics agents- Anti-Tubercular drugs- -intro, basic principle, class, dose, indications		REVISION
	3 <sup>RD</sup>	U-12- Chemotherapeutics agents- Anti-fungal drugs -intro, basic principle, class, dose, indications		
	<b>TUTORIAL</b>	Revision Of U-12/Notes Checking		
4 <sup>TH</sup>	1 <sup>ST</sup>	U-12- Chemotherapeutics agents- Anti-viral drugs -intro, basic principle, class, dose, indications		REVISION
	2 <sup>ND</sup>	U-12- Chemotherapeutics agents- Anti-amoebic agents -intro, basic principle, class, dose, indications		
	3 <sup>RD</sup>	U-12- Chemotherapeutics agents- Antihelmintics -intro, basic principle, class, dose, indications		
	<b>TUTORIAL</b>	Revision Of U-12/Notes Checking		
5 <sup>TH</sup>	1 <sup>ST</sup>	U-12- Chemotherapeutics agents- Anti-malarial agents -intro, basic principle, class,		REVISION

		Anti-neoplastic agents -intro, basic principle, class, dose, indications		
MAY/1 <sup>ST</sup>	1 <sup>ST</sup>	U-13-Biologicals-difinition, types, agents		REVISION
	2 <sup>ND</sup>	U-13-Biologicals-difinition, types, agents		
2 <sup>ND</sup>	1 <sup>ST</sup>	REVISION		REVISION
	2 <sup>ND</sup>	REVISION		
3 <sup>RD</sup>	1 <sup>ST</sup>	REVISION		REVISION
	2 <sup>ND</sup>	REVISION		
	3 <sup>RD</sup>	REVISION		
	TUTORIAL	REVISION		
4 <sup>TH</sup>	1 <sup>ST</sup>	REVISION		REVISION
	2 <sup>ND</sup>	REVISION		
	3 <sup>RD</sup>	REVISION		
	TUTORIAL	REVISION		
5 <sup>TH</sup>	3 <sup>RD</sup> SESSIONALS (TENTATIVE)			
1 <sup>ST</sup>	1 <sup>ST</sup>	REVISION		
	2 <sup>ND</sup>	REVISION		REVISION
	3 <sup>RD</sup>	REVISION		
	TUTORIAL	REVISION		
2 <sup>ND</sup>	1 <sup>ST</sup>	REVISION		
	2 <sup>ND</sup>	REVISION		
	3 <sup>RD</sup>	REVISION		
	TUTORIAL	REVISION		



Prepared by  
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Himachal institute of Pharmacy		
Annual Lesson Plan		
Name of the faculty	Mr. Mohd Afsar	
Discipline	Pharmacy	
Semester/year	Diploma 2 <sup>nd</sup> Year	
Subject	Pharmacy Law and Ethics	
Lesson plan Duration	25 weeks ( 2024-2025)	
Work Load/week (hrs)	Lecture- 03; Tutorial -1	
MONTH/Week	THEORY	
	Lecture	TOPIC
SEP/ Ist	Tutorial	General Principal And Law
	1st	History and various Acts related to Drugs and Pharmacy profession
	2nd	Objectives, Definitions, Pharmacy Council Of India
	3rd	Constitution and Functions of Pharmacy Act 1948
2nd	Tutorial	Revision
	1st	Education Regulations
	2nd	State and Joint State Pharmacy Council
	3rd	Registration of Pharmacists, Offences and Penalties.
3rd	Tutorial	Class Test
	1st	Drug and Cosmetic Act 1940 And Rules 1945 and new amendments Introduction
	2nd	Objectives, Definitions
	3rd	Legal definitions of schedules to the Act and rules import Of Drugs.
4 <sup>th</sup>	1st	Classes of drugs and cosmetic prohibited from import.
	2nd	Import under License or permit
OCT/ Ist	Tutorial	Revision
	1st	Manufactures of Drugs- Prohibition of manufactures and sale of certain drugs.
	2nd	Conditions for grant of license
	3rd	Conditions of license for manufacture of drugs
2nd	1st	Manufactures of drug for test
	2nd	Examination and analysis
	3rd	Manufactures of new drugs
3rd	* Tutorial	Class Test

	1st	Loan license and repacking license
	2nd	Study of schedule C and C1, G.
	3rd	Study of schedule H, H1, K
4 <sup>th</sup>	Tutorial	Revision
	1st	Study of schedule P, M, N and X.
	2nd	Sale of Drugs: Wholesale, Retail sale and Restricted License
	3rd	Record to be kept in the Pharmacy
5 <sup>th</sup>	1st	Drugs Prohibited for manufacture and sale in India
	2nd	Administration of the Act and Rule: Introduction
NOV/2 <sup>nd</sup>	Tutorial	Revision
	1st	Drug Technical Advisory Board
	2nd	Central drug Laboratory
	3rd	Drugs Consultative Committee, Govt. analysis
3 <sup>rd</sup>	1st	1st SESSIONAL EXAM
4 <sup>th</sup>	Tutorial	Revision
	1st	Licensing authorities, controlling Authorities, Drug Inspectors.
	2nd	Narcotic Drugs and Psychotropic Substances Act 1985 and Rules: Objectives, Definitions, Authorities and officers.
	3 <sup>rd</sup>	Prohibition, Control and Regulations, Offence and Penalties.
45 <sup>th</sup>	Tutorial	Drug and Magic remedies Act 1954: Objectives, Definitions, Authorities and officers.
	1st	Prohibition of certain advertisements, Class of Exempted Advertisements, offence and penalties.
	2nd	Prevention of Cruelty to Animals Act-1960: Objectives, Definitions, Authorities, CPCSEA – Brief overview, Institution animal Ethics Committee, Breeding and stocking of animals.
	3 <sup>rd</sup>	Performance of Experiments, Transfer and Acquisition of animals for experiments, Records, Power to suspend or revoke registration, offence and penalties.
DEC/1st	Tutorial	Class Test
	1st	Poisons Act-1919: Introduction, Objectives, Definitions, Possession.
	2nd	Possession for sale and sale of any poison, Import of poison
	3 <sup>rd</sup>	FSSAI Act And Rule: Brief overview and aspect related to manufactur.
2 <sup>nd</sup>	Tutoria	revision



	<b>1<sup>st</sup></b>	Storage, sale, and labeling of food supplements.
	<b>2<sup>nd</sup></b>	National Pharmaceutical Pricing Authority: DPCO-2013, Objectives, Definitions, Authorities,
	<b>3<sup>rd</sup></b>	Sale price of bulk drugs, Retail price of formulations.
<b>3<sup>rd</sup></b>	<b>Tutorial</b>	Revision
	<b>1<sup>st</sup></b>	Retail price and ceiling price of scheduled formulations.
	<b>2<sup>nd</sup></b>	Pharmaceutical Policy 2002
	<b>3<sup>rd</sup></b>	National list of Essential Medicines (NLEM)
<b>4<sup>th</sup></b>	<b>Tutorial</b>	Class Test
	<b>1<sup>st</sup></b>	Code of Pharmaceutical Ethics: Definitions, Ethical principles,
	<b>2<sup>nd</sup></b>	Ethical problem solving, registration
	<b>3<sup>rd</sup></b>	Codes of ethics for Pharmacist in relation to his job
<b>5<sup>th</sup></b>	<b>1<sup>st</sup></b>	Trade, Medical profession
	<b>2<sup>nd</sup></b>	Pharmacist oath
<b>JAN/1<sup>st</sup></b>	<b>1<sup>st</sup></b>	Medical Terminal of Pregnancy Act and Rules: Basic Understanding
	<b>2<sup>nd</sup></b>	Salient Features, and Amendments
<b>2<sup>nd</sup></b>	<b>Tutorial</b>	Revision
	<b>1<sup>st</sup></b>	Roll of all the govt. pharma regulator bodies
	<b>2<sup>nd</sup></b>	Good Regulatory Practices in community pharmacy
	<b>3<sup>rd</sup></b>	Hospital Pharmacy, Pharma Manufacturing, Wholesale business
<b>3<sup>rd</sup></b>	<b>Tutorial</b>	Revision
	<b>1<sup>st</sup></b>	Inspections, Import, export of drugs and medical devices
	<b>2<sup>nd</sup></b>	Introduction to BCS system of classification
	<b>3<sup>rd</sup></b>	Basic concept of clinical trial, ANDA, NDA,
<b>4<sup>th</sup></b>	<b>1<sup>st</sup></b>	New drug development,
	<b>2<sup>nd</sup></b>	New drug and clinical trial rules 2019
	<b>3<sup>rd</sup></b>	Brand v/s Generic, Trade name concept
<b>5<sup>th</sup></b>	<b>1<sup>st</sup></b>	Introduction to patent law and intellectual property right
	<b>2<sup>nd</sup></b>	Emergency use Authorization.
	<b>3<sup>rd</sup></b>	Blood Bank: Basic Requirements
<b>FEB/1<sup>st</sup></b>	<b>1<sup>st</sup></b>	Clinical Establishment Act and Rules: Introduction

<b>2nd</b>	<b>Tutorial</b>	Assignment – 1 <sup>st</sup>
	<b>1st</b>	Aspect related to pharmacy
	<b>2nd</b>	Biomedical Waste Management Rule 2016: Basic aspects, and aspect related to pharma manufacture to disposal of pharma
	<b>3rd</b>	Medical waste at home, pharmacies and hospitals
<b>3rd</b>	<b>Tutorial</b>	Assignment- 2 <sup>nd</sup>
	<b>1st</b>	Bioethics: Basic Concept, history and principles, Brief overview of ICMR's National ethical guidelines for biomedical and health research involving human participant.
	<b>2nd</b>	Bioethics: Basic Concept, history and principles, Brief overview of ICMR's National ethical guidelines for biomedical and health research involving human participant.
	<b>3rd</b>	Introduction to the consumer protection Act
<b>4th</b>	<b>1st</b>	Introduction to Disaster Management Act
	<b>2nd</b>	Medical Devices- Categorization.
	<b>Tutorial</b>	Revision
	<b>1st</b>	Basic aspect related to manufacture and sale
<b>5th</b>	<b>Tutorial</b>	Seminar
	<b>1st</b>	Revision
	<b>2nd</b>	Revision
<b>MAR/1st</b>	<b>1st</b>	Revision for sessionals
<b>2nd</b>		2 <sup>nd</sup> SESSIONAL EXAMS
<b>3rd</b>	<b>1st</b>	Revision(CH-1)
	<b>2nd</b>	Revision( CH-2)
	<b>3rd</b>	Revision( CH-2)
<b>4th</b>	<b>Tutorial</b>	Revision( CH-3)
	<b>1st</b>	Revision( CH-3)
	<b>2nd</b>	Revision( CH-3)
	<b>3rd</b>	Revision( CH-3)
<b>5th</b>	<b>Tutorial</b>	Revision( CH-3)
	<b>1st</b>	Revision( CH-3)
	<b>2nd</b>	Revision( CH-3)
	<b>3rd</b>	Revision( CH-3)



APR/1st	Tutorial	Revision( CH-4)
	1st	Revision( CH-5)
2nd	Tutorial	Revision(CH-6)
	1st	Revision(CH-7)
	2ndl	Revision(CH-8)
	3rd	Revision(CH-9)
3rd	1st	Revision(CH-9)
4th	Tutorial	Revision(CH-10)
	1st	Revision(CH-10)
	2nd	Revision(CH-11)
	3rd	Revision(CH-12)
5th	1st	Revision(CH-13)
	2nd	Revision(CH-14)
MAY/1st	Tutorial	Revision(CH-15)
	1st	Revision(CH-16)
2nd	Tutorial	Revision(CH-17)
	1st	Revision(CH-18)
	2nd	Revision(CH-19)
	3rd	Revision(CH-20)
3rd	Tutorial	Revision(CH-21)
	1st	Revision(CH-14)
4th	1st	Revision(CH-14)
	2nd	Revision(CH-14)

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Himachal institute of Pharmacy			
Annual Lesson Plan			
Name of the faculty		Ms. Suneha	
Discipline		Pharmacy	
Semester/year		Diploma 2 <sup>nd</sup> Year	
Subject		Biochemistry and clinical Pathology	
Lesson plan Duration		SEP- MAY(2024-2025)	
WorkLoad/week(hrs)		Lecture-03; Tutorial -1, Practical-01/batch	
MONTH/ Week	THEORY		Practical Topic
	Lecture	TOPIC	
SEP/ 1st	1st	Introduction to biochemistry	To perform qualitative analysis of carbohydrates . (glucose)
	2nd	Scope of biochemistry in pharmacy	
	Tutorial	Cell and its biochemical organization	
	3rd	Cell and its biochemical organization	
2nd	1st	Carbohydrates Definition, classification -examples, chemical properties	To perform qualitative analysis of carbohydrates . lactose)
	2nd	Monosaccharides: Structure of glucose, fructose, lactose	
	Tutorial	Revision	
	3rd	Monosaccharides: Structure of glucose, fructose, lactose	
3rd	1st	Disaccharides - structure of maltose, lactose and sucrose	To perform qualitative analysis of carbohydrates . maltose
	2nd	Polysaccharides - chemical nature of starch and glycogen	
	Tutorial	Revision	
	3rd	Qualitative tests and biological role of carbohydrates Revision	
4th	1st	Qualitative tests and biological role of carbohydrates	To perform qualitative analysis of carbohydrates . (sucrose)
	2nd	Proteins Definition, classification of proteins based on composition and solubility with examples	
	Tutorial	Revision	
	3rd	Definition, classification of amino acids	
OCT/ 1st	1st	Structure of proteins	
	Tutorial	Revision	



	<b>3rd</b>	Qualitative tests and biological role of proteins and amino acids	
<b>2nd</b>	<b>1st</b>	Qualitative tests and biological role of proteins and amino acids	To perform qualitative analysis of carbohydrates .( starch)
	<b>2nd</b>	Diseases related to malnutrition of proteins.	
	<b>Tutorial</b>	I ASSIGNMENT	
<b>3rd</b>	<b>1st</b>	Lipids • Definition, classification with examples	To perform qualitative analysis of amino acids (glycine)
	<b>2nd</b>	Structure and properties of triglycerides (oils and fats)	
	<b>3rd</b>	Fatty acid classification -	
<b>4th</b>	<b>1st</b>	Structure and functions of cholesterol in the body	To perform qualitative analysis of amino acids . (egg albumin)
	<b>2nd</b>	Lipoproteins - types, composition and functions in the body	
	<b>Tutorial</b>	Revision	
	<b>3rd</b>	Lipoproteins - types, composition and functions in the body	
<b>5th</b>	<b>1st</b>	Qualitative tests and functions of lipids	To perform qualitative analysis of amino acids . (alanine)
	<b>2nd</b>	Nucleic acids • Definition, purine and pyrimidine bases	
<b>NOV/ 2nd</b>	<b>2nd</b>	Nucleic acids • Definition, purine and pyrimidine bases	To perform qualitative analysis of proteins (milk)
	<b>Tutorial</b>	Revision For Sessional	
	<b>3rd</b>	Revision For Sessional	
<b>3rd</b>		<b>Ist SESSIONAL EXAMS</b>	<b>Ist SESSIONAL EXAMS</b>
<b>4th</b>	<b>1st</b>	Components of nucleosides and nucleotides with examples	To perform qualitative analysis of proteins (coconut oil and glycerol)
	<b>2nd</b>	Structure of DNA	
	<b>Tutorial</b>	Structure of RNA	
	<b>3rd</b>	functions	
<b>5th</b>	<b>1st</b>	Enzymes • Definition, properties	To perform qualitative analysis of lipids (stearic acid)
	<b>2nd</b>	IUB and MB classification	
	<b>Tutorial</b>	Revision	
	<b>3rd</b>	Factors affecting enzyme activity	


DEC/ 1st	1st	Mechanism of action of enzymes,	To perform qualitative analysis of lipids
	2nd	Therapeutic and pharmaceutical importance of enzymes	
	Tutorial	Therapeutic and pharmaceutical importance of enzymes	
	3rd	Vitamins • Definition and classification with examples	
2nd	1st	Sources, chemical nature, functions, coenzyme form, recommended dietary requirements, deficiency diseases of fat-and water-soluble vitamins	To perform qualitative analysis of lipids
	2nd	Revision	
	Tutorial	Revision	
	3rd	Vitamins	
3rd	1st	Vitamins	To Determine Blood Sugar level by O-Toluidine
	2nd	Vitamins	
	Tutorial	Revision	
	3rd	Vitamins	
4th	1st	Metabolism of Carbohydrates: Glycolysis	To Determine Blood Sugar level Glucometer
	3rd	TCA cycle	
	Tutorial	ASSIGNMENT -2	
5th	1st	glycogen metabolism, regulation of blood glucose	To Determine Serum Cholestrol
JAN/ 1st	2nd	Diseases related to abnormal metabolism of Carbohydrates	
	Tutorial	Revision	
	3rd	Metabolism of lipids: Lipolysis,	
2nd	1st	$\beta$ -oxidation of Fatty acid	To Determine Serum Creatinine
	2nd	ketogenesis and ketolysis	
	Tutorial	Revision	
	3rd	Diseases related to abnormal metabolism of lipids s	
3rd	1st	Diseases related to abnormal metabolism of lipids s	To estimate quantity of calcium in given sample of serum
	2nd	General reactions of amino acids and its significance-	
	Tutorial	Revision	
	3rd	Transamination, deamination,	
4th	1st	Urea cycle and decarboxylation	Preparation of phosphate buffer
	2nd	Disorders of ammonia metabolism,	
	Tutorial		
5th	1st	enylketonuria, alkaptonuria and Jaundice.	To estimate quantity of urea in given sample of serum
	2nd	Biological oxidation:	
	Tutorial	Revision	
FEB/ 1st	3rd	Electron transport chain	
2nd	1st	Oxidative phosphorylation	To detect normal constituents of



	2 <sup>nd</sup>	Minerals: Types,	urine	
	Tutorial	Revision		
	3 <sup>rd</sup>	Functions		
3 <sup>rd</sup>	1 <sup>st</sup>	Deficiency diseases,	To detect abnormal constituents of urine	
	Tutorial			Revision
	3 <sup>rd</sup>			Minerals:
4 <sup>th</sup>	1 <sup>st</sup>	Minerals:	To estimate quantity of glucose in given sample of urine	
	2 <sup>nd</sup>	Water and Electrolytes • Distribution, functions of water in the body		
	Tutorial	ASSIGNMENT-3		
	3 <sup>rd</sup>	Water turnover and balance		
5 <sup>th</sup>	1 <sup>st</sup>	Electrolyte composition of the body fluids,	Estimation of chloride in aurea sample	
	Tutorial	Revision		

MAR/ 1 <sup>st</sup>	3 <sup>rd</sup>	Revision	
2 <sup>nd</sup> 2		2 <sup>ND</sup> SESSIONALS EXAMS	2 <sup>ND</sup> SESSIONALS EXAMS
3 <sup>rd</sup>	1 <sup>st</sup>	Dehydration, causes of dehydration and oral rehydration therapy	To study the enzymatic hydrolysis of starch
	2 <sup>nd</sup>	Dehydration, causes of dehydration and oral rehydration therapy	
	Tutorial	Introduction to Biotechnology	
	3 <sup>rd</sup>	Introduction to Biotechnology	
4 <sup>th</sup>	1 <sup>st</sup>	Organ function tests-Kidney	Revision
	2 <sup>nd</sup>	Organ function tests-Kidney	
	Tutorial	Revision	
	3 <sup>rd</sup>	Organ function tests-Liver	
4 <sup>5</sup> <sup>th</sup>	1 <sup>st</sup>	Organ function tests-Liver	
	2 <sup>nd</sup>	Lipid profile tests and its clinical significances	
	Tutorial	Lipid profile tests and its clinical significances	
	3 <sup>rd</sup>	Lymphocytes and Platelets, their role in health and disease	
APR/ 1 <sup>st</sup>	1 <sup>st</sup>	• Erythrocytes - Abnormal cells and their significance	Revision
	2 <sup>nd</sup>	• Erythrocytes - Abnormal cells and their significance	
	Tutorial	Revision	
	3 <sup>rd</sup>	Normal and Abnormal constituents of Urine and their significance	
2 <sup>nd</sup>	1 <sup>st</sup>	Normal and Abnormal constituents of Urine and their significance	Revision
	2 <sup>nd</sup>	Revision	
	Tutorial	Revision	
	3 <sup>rd</sup>	Revision	
3 <sup>rd</sup>	2 <sup>nd</sup>	Revision	

	<b>Tutorial</b>	Revsion	Revsion
	<b>3rd</b>	Revsion	
<b>5th</b>	<b>1st</b>	Revsion	Revsion
	<b>2nd</b>	Revsion	
<b>MAR/ 1st</b>	<b>Tutorial</b>	Revsion	Revsion
	<b>3rd</b>	Revsion	Revsion
		Revsion	Revsion
<b>2<sup>nd</sup></b>	<b>1st</b>	Revsion	Revsion
	<b>2nd</b>	Revsion	Revsion
	<b>Tutorial</b>	Revsion	Revsion
	<b>3rd</b>	Revsion	Revsion
<b>3rd</b>	<b>1st</b>	Revsion	Revsion
	<b>2nd</b>	Revsion	Revsion
	<b>Tutorial</b>	Revsion	Revsion
	<b>3rd</b>	Revsion	Revsion

  
  
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Himachal Institute of Pharmacy				
Lesson Plan				
Name of the Faculty	Miss. Harshita Pant			
Discipline	Pharmacy			
Semester / Year	Diploma II <sup>nd</sup> Year			
Subject	Hospital and Clinical Pharmacy			
Lesson Plan Duration	September – June (2024-2025)			
Work Load /Week(hrs)	Lecture -03: Tutorial-1, Practical -01 batch/Week			
Week	Theory		Practical	
	Lectur e	Topic	No. of Practical's	Topic
1 <sup>st</sup> week September	1st	Hospital Pharmacy Definition And Scope	1	Systematic Approach to Drug Information Queries using Primary Secondary / Tertiary Resources of Information
	2nd	National and International Scenario		
	3rd	Organisational Structure of Hospital Pharmacy		
	Tutorial	Revision		
2 <sup>nd</sup> Week September	1st	Professional Responsibilities	2	Systematic approach in handling Drug Information Queries (Case-I)
	2nd	Requirement and Job Specification		
	3rd	Qualification and Experience Work Load Requirements		
	Tutorial	Revision		
3 <sup>rd</sup> week September	1st	Inter Professional Relationship	3	Systematic Approach in Handling drug information Queries (CaseII)
	2nd	Good Pharmacy Practice in Hospital		
	3rd	Hospital Pharmacy Standards (FIP) Basal Statements (AHSP)		
	Tutorial	Class Test		
4 <sup>th</sup> Week September	1st	Introduction to NAQS guidelines and NABH Accreditation	4	Interpretation of laboratory Reports to optimise the drug therapy in a given clinical case
	2nd	Role of Pharmacists		
	3rd	Different committees in the Hospital Pharmacy		
	Tutorial	Revision		

5 <sup>th</sup> Week September	1st	Therapeutics Committee- Objectives		
1 <sup>st</sup> Week October	1st	Composition and Functions	5	Interpretation of laboratory Reports to optimise the drug therapy in a given clinical case (Case - I)
	2nd	Hospital Formulary – Definition		
	Tutorial	Revision		
2 <sup>nd</sup> Week October	1st	Procedure for development and use of Hospital Formulary	6	Interpretation of laboratory Reports to optimise the drug therapy in a given clinical case (Case - II)
	2nd	Infection Control Committee		
	3rd	Role of Pharmacist in preventing Antimicrobial Resistance		
	Tutorial	Class Test		
3 <sup>rd</sup> Week October	1st	Preparation of Drugs Lists – High Risk drugs and Emergency drugs	7	Filling up IPC'S ADR Reporting Form and Perform Casualty Assessments Using Various Scales
	2nd	Schedule H1 drugs		
	3rd	NDPS drugs , Automated drugs dispensing systems and devices		
	Tutorial	Revision		
4 <sup>th</sup> Week October	1st	Reserved Antibiotics	8	Filling up IPC'S ADR Reporting Form and Perform Casualty Assessments Using Various Scales (Case- I)
	2nd	Procedure of Drug Purchases		
	3rd	Drug Selection and Short Term and long Term Tender /e-tender process		
	Tutorial	Revision		
5 <sup>th</sup> Week October	1st	Their Quotations		
1 Week November	1st	Inventory Control Techniques : Economic Order Quantity	9	Filling up IPC'S ADR Reporting Form and Perform Casualty Assessments Using Various Scales (Case- II)
	2nd	Recorder Quantity Level and		



		Inventory Turnover		
	Tutorial	Class Test		
2nd Week November	1st	Inventory Management Of Central Drug Store	10	Demonstration/ simulated/hands -on experience on the identification , types,use/Application / Administration of Orthopaedic and surgical Aids such as Knee cap,LS belts, Abdominal belt, Walker,Walking Sticks , etc.
	2nd	Storage Conditions and Methods of Storage		
	3rd	Distribution and Maintaining Cold Chain		
	Tutorial	Revision		
3rd Week November	1st	Devices used for Cold Storage ( Refrigerator ; ILR ,Walk -in-Cold rooms)		
	2nd	FEFO and FIFO methods		
4th Week November	1st	Expiry Drug Removal , Handling and Disposal	11	Demonstration/ simulated/hands -on experience on the identification , types,use/Application / Administration of Needles, syringes, catheters, IV set , urine bag, RYLE's tube, Urine pots , colostomy bags , oxygen masks, etc.
	2nd	Disposal of Narcotics drugs		
	3rd	Disposal Cytotoxic Drugs		
	Tutorial	Class Test		
5th Week November	1st	Documentation – Purchase and Inventory	12	Case studies on Drug- drug Interactions (Case-I)
	2nd	Definition of Drug Distribution (in patients and out – Patients )		
	3rd	Advantages and disadvantages of Individual Prescription order Method		
	Tutorial	Revision		
1 st Week December		Ist Sessional Exam		
2 nd Week December	1st	Advantages and Disadvantages of Floor Stock Method	13	Case studies on Drug- drug Interactions (Case-I)
	2nd	Unit Dose Drug Distribution		

		Method		
	3rd	Drug Basket Method		
	Tutorial	Revision		
3rd Week December	1st	Distribution of Drug to ICCU/ICU/NICU/Emergency Wards	14	Case studies on Drug- drug Interactions (Case-II)
	2nd	Bulk Compounding		
	3rd	IV admixture Services		
	Tutorial	Class Test		
4th Week December	1st	Incompatibilities	15	(Wound Dressing simulated cases and Role Play – (Case-I)
	2nd	Distribution of Narcotics		
	3rd	Total Parenteral Nutrition		
	Tutorial	Revision		
5th Week December	1st	Radio Pharmaceuticals		
1st Week January	1st	Storage of Radiopharmaceuticals	16	(Wound Dressing simulated cases and Role Play – (Case-II)
	2nd	Dispensing of Radiopharmaceuticals		
	Tutorial	Revision		
2nd Week January	1st	Disposal of Radiopharmaceuticals	17	Vaccination and Intravenous Injection Technique (IV) using mannequin
	2nd	Revision		
	3rd	Application of Computers in Hospital Pharmacy Practice		
	Tutorial	Revision		
3rd Week January	1st	Electronic Health Records and Software used in hospital pharmacy	18	To Study About Sodium Chloride Iv infusion
	2nd	Revision		
	3rd	Clinical Pharmacy : Definition , Scope, and development – in India and other countries		
	Tutorial	Class Test		
4th Week January	1st	Technical Definitions and Common Terminologies used in Clinical Settings	19	Intramuscular Injection technique using mannequin
	2nd	Paediatrics , Geriatric, Anti- natal care and Post -natal Care		
	Tutorial	Revision		
5th Week January	1st	Daily Activities of Clinical Pharmacist	20	To Study About Intramuscular Injection and giving IM in Thigh and its Discharge Instructions
	2nd	Definition, Goal, and		



		Procedure of Ward Round participation		
	Tutorial	Revision		
1st Week February	1st	Treatment Chart Review and Adverse Drug Reaction monitoring		
2nd Week February	1st	Drug Information and Poisons Information	21	Subcutaneous Injection (Sc)Technique using mannequin
	2nd	Medication History and Patient Counselling		
	3rd	Interprofessional Collaboration		
	Tutorial	Class Test		
3rd Week February	1st	Pharmaceutical Care : Definition and Classification of Drug Related Problems	22	Use of Hospital Pharmacy Software and Various digital health tools
	2nd	Revision		
	3rd	Principles to provide Pharmaceutical Care		
	Tutorial	Revision		
4th Week February	1st	Procedure to Provide Pharmaceutical Crae	23	Sterilization of Surgical Instruments by dry heat method (Hot air Oven)
	2nd	Medication Therapy Management		
	3rd	Home Medication Review		
	Tutorial	Revision		
5th Week February	1st	Clinical Laboratory Tests used in the evaluation of Disease states	24	Preparation of Patient Profile for Single Patient in MS Word
	2nd	Significance of Test Results		
	Tutorial	Class Test		
1st Week March	1st	Interpretation of test Results		
2nd Week March		II Sessional Exam		
3rd Week March	1st	Liver Function test Renal Function Test Thyroid Function test		
	2nd	Haematological Functions Tests , Test associated with Cardiac Disorders Fluid and Electrolyte Balance		
4th Week March	1st	Pulmonary Function Tests Thyroid Function Test	25	Preparation of record for registration of Patients in Hospital Using Microsoft Excel Worksheet
	2nd	Poisoning: Types of Poisoning Drugs and Poison Information Centre and Their		

		Services		
	3rd	Manifestations and Antidotes		
	Tutorial	Revision		
5th Week March	1st	Definition and Requirements of Drugs and Poison Information Resources with examples , Advantages and Disadvantages of Drugs and Poison		Revision
	2nd	Pharmacovigilance : Definition , Aim and Scope of Pharmacovigilance		
	3rd	Aim and Scope of Pharmacovigilance		
	Tutorial	Revision		
6th Week March	1st	Overview of Pharmacovigilance		
1st Week April	1st	Medication errors: Definition , types, and Consequences		Revision
	2nd	Strategies to minimize medication errors		
	Tutorial	Revision		
2nd Week April	1st	LASA Drugs		
	2nd	Tallman lettering as per ISMP		Revision
	3rd	Drug interactions: Definition and types of drug interactions		
	Tutorial	Class Test		
3rd Week April	1st	Clinical Significance of Drug Interactions		
4th Week April	1st	Unit -1 REVISION		
	2nd	Unit -2 REVISION		Revision
	3rd	Unit -3 REVISION		
	Tutorial	Unit -1 REVISION		
5th Week April	1st	Unit -4 REVISION		
1st Week May	1st	Unit -5 REVISION		Revision
	2nd	Unit -6 REVISION		
	3rd	Unit -7 REVISION		
	Tutorial	Class Test		
2nd Week May	1st	Unit -8 REVISION		Revision
	2nd	Unit -9 REVISION		
	3rd	Unit -10 REVISION		
	Tutorial	Unit -11 REVISION		
3 <sup>rd</sup> Week May	1st	Unit -12 REVISION		Revision
	2nd	Unit- 12 REVISION		
	Tutorial	Unit -9 REVISION		
4th Week May	1st	Unit -1 REVISION		Revision
	2nd	Unit -2 REVISION		
	3rd	Unit -3 REVISION		
	Tutorial	Unit -2 REVISION		
5th Week May	1st	Unit -4 REVISION		Revision
	2nd	Unit -5 REVISION		



	3rd	Unit -6 REVISION		
	Tutorial	Unit -7 REVISION		
1st Week June	1st	Unit -8 REVISION		Revision
	2nd	Unit -9 REVISION		
	3rd	Unit -10 REVISION		
	Tutorial	Unit -11 REVISION		
2nd Week June	1st	Unit -12 REVISION		Revision
	2nd	Unit -1 REVISION		
	3rd	Unit -2 REVISION		
	Tutorial	Unit -3 REVISION		

Prepared by - Harshita Pant

