

# LESSON PLAN

Name of the Faculty: Narendrasingh  
Discipline: D. Pharmacy  
Year: 1<sup>st</sup> year  
Subject: Pharmaceutics-I  
Lesson Plan Duration: July 2021

Week	Theory		Practical	
	Lecture Day	Topic headline	Practical Day	Topic
1 <sup>st</sup>	1	Sterilization, Methods of sterilization	1	To prepare and submit chloroform spirit.
2 <sup>nd</sup>	2	Moist heat and dry heat sterilization	2	
	3	Aseptic techniques.		
	4			
3 <sup>rd</sup>	5	Processing of tablets making, Process involved in production of tablets.	3	To prepare and submit peppermint spirit.
	6			
4 <sup>th</sup>	7	Tablet coating and sugar coating	4	To prepare and submit aromatic spirit of ammonia.
	8	Processing of capsules		
	9	Hard and soft gelatin capsules.		
5 <sup>th</sup>	10		5	
	11			
	12			

Name & Signature of teacher

MR. NARENDRA SINGH

# LESSON PLAN

Name of the Faculty:

Discipline:

D.Pharmacy

Year:

1<sup>st</sup> year

Subject:

Biochemistry and Clinical Pathology

Lesson Plan Duration: July 2021

Week	Theory		Practical	
	Lecture Day	Topic headline	Practical Day	Topic
1 <sup>st</sup>	1	Chemical reactions of monosaccharides	1	
2 <sup>nd</sup>	2	Disaccharides	2	
	3	Polysaccharides		
3 <sup>rd</sup>	4	Diseases related to carbohydrate metabolism	3	
	5	Introduction of lipids, fats and waxes		
	6	Phospholipids		
4 <sup>th</sup>	7	Introduction of Enzymes	4	
	8	Factors affecting enzymes action		
5 <sup>th</sup>	9	Introduction to pathology of blood	5	

*Alex*  
Dr. Alok Semwal  
Name & Signature of teacher

*UPM*

### Lesson plan

Name of the Faculty : Gurpreet kaur

Discipline : D. Pharmacy

Year : 1 st year

Subject : Pharmaceutical Chemistry-I

Lesson Plan Duration : July 2021

Week	Theory		Practical	
	Lecture day	Topic headline	Practical day	Topic headline
1 <sup>st</sup>	1	Acids, (Hydrochloric acid)	1	Assignment
	2	Anti-oxidant agents		
2 <sup>nd</sup>	3	Antidote	2	Class test
	4	Synopsis question for practical viva-voice		
	5	Limit test for arsenic		
3 <sup>rd</sup>	6	Inhalents	3	Class test-electrolyte used for replacement therapy.
	7	Quality control od drugs and pharmaceuticals		
	8	Impurities of substances		
4 <sup>th</sup>	9	Class test	4	Presentations
	10	Question papers test		
	11	Protectives		
5 <sup>th</sup>	12	Saline cathartics		
	13	Expectorants		
	14	Emetics		


*Gurpreet kaur*

*LP*

## LESSON PLAN

Name of the Faculty: Surabhi Yadav  
Discipline: D. Pharmacy  
Year: 1<sup>st</sup> Year  
Subject: Health Education and Community Pharmacy  
Lesson Plan Duration: July

Week	Theory	
	Lecture Day	Topic headline
1 <sup>st</sup>	1	Non-communicable diseases
2 <sup>nd</sup>	2	Immunity and immunization
	3	Principles of disease control and prevention
3 <sup>rd</sup>	4	Arthropod borne infections
	5	Disinfection
4 <sup>th</sup>	6	Respiratory infections: chicken pox, measles
5 <sup>th</sup>	7	Intestinal infection-poliomyelitis, Hepatitis

Signature:   
Date: 03/08/21



## LESSON PLAN

**Name of the Faculty:** Raveena Chauhan  
**Discipline:** D.Pharmacy  
**Year:** 1st  
**Subject:** Human Anatomy and Physiology  
**Lesson Plan Duration:** July

Week	Theory		Practical	
	Lecture Day	Topic headline	Practical Day	Topic
1 <sup>st</sup>	1	Blood pressure and its recording	1	To record the ECG
	2	Brief information about cardiovascular disorders		
2 <sup>nd</sup>	3	Physiology of respiration	2	Identification of axial bones
	4	Structure and functions of kidney		
	5	Physiology of urine formation		
3 <sup>rd</sup>	6	Physiology of muscle contraction		
4 <sup>th</sup>	7	Physiology of neuromuscular junction	3	To study the Respiratory system using charts/models
	8	Various parts of central nervous system		
5 <sup>th</sup>	9	Anatomy and physiology of autonomic nervous system		
	10	Structure and Functions of ear		

*LP-14*

Name & Signature of teacher

### Lesson plan

Name of the Faculty : Esha Vatsa  
 Discipline : D. Pharmacy  
 Year : 1st year  
 Subject : Pharmacognosy  
 Lesson Plan Duration: July

Week	Theory		Practical	
	Lecture Day	Topic headline	Practical Day	Topic
1 <sup>st</sup>	1	Gross anatomical studies of Senna, Datura	-	-
	2	Gross anatomical studies of Cinnamon, fennel		
2 <sup>nd</sup>	3	Gross anatomical studies of cinchona, ginger	24.	To determine the swelling index of given sample of crude drug
	4	Gross anatomical studies of Clove, nux-vomica, ipecac		
	5	Study of Source, preparation, and identification of Fibres used in Sutures and surgical dressings		
3 <sup>rd</sup>	6	Study of Source, preparation, and identification of Fibres used in Sutures and surgical dressings: Cotton	25.	To study the different leaf constants (vein islet no, vein islet termination no. palisade ratio) and stomatal no. and stomatal index of the given sample of crude drug.
	7	Study of Source, preparation, and identification of Fibres used in Sutures and surgical dressings: Silk, Wool, Regenerated Fibre.		
	8	Collection and preparation of crude drug for the market as exemplified by Ergot and opium.		
4 <sup>th</sup>	9	Collection and preparation of crude drug for the market as exemplified by Rauwolfia	-	-
	10	Collection and preparation of crude drug for the market as exemplified by digitalis		
5 <sup>th</sup>	11	Collection and preparation of crude drug for the market as exemplified by Senna	-	-

EVA

Esha Vatsa   
 Name & Signature of teacher