Performa : Hindu College of Pharmacy				
Lesson Plan				
Name of the faculty	**Vineet Vashishth**			
Discipline	**Pharmacy**			
Semester	**2nd Year**			
Subject	**PHARMACEUTICS-II**			
Lesson plan Duration	**30 weeks (SEPT. 01, 2021 to April 15, 2022)**			
Work Load/week(In hour)	**Lecture- 03, Practical- 08**			
Week	**Theory**		**Practical**	
	Lecture Day	**Topic**	**Practical Day**	**Topic**
1st (SEP.1st week)	**1st**	Prescriptions-Reading and understanding of prescription	**1st (Batch A)**	Pharmacist OATH General Instructions Prescription Latin Terms.
	2nd	Parts of Prescriptions	**2nd (Batch B)**	----do----
	3rd	Latin terms	**3rd (Batch C)**	----do----
2nd (SEP2ndweek)	**1st**	Modern methods of prescribing	**1st (Batch A)**	Preparation of Simple Syrup, Ginger Syrup Chloral hydrate elixir.
	2nd	Metric System.	**2nd (Batch B)**	----do----
	3rd	Calculations involved in dispensing.	**3rd (Batch C)**	----do----
3rd((OCT1stweek)	**1st**	Incompatibilities	**1st (Batch A)**	Preparation of Gargle& Mouthwash
	2nd	Types of incompatibilities	**2nd (Batch B)**	----do----
	3rd	Physical Incompatibility	**3rd (Batch C)**	----do----
4th (OCT2ndweek)	**1st**	Physical Incompatibility	**1st (Batch A)**	Preparation of Enema & Mucilage
	2nd	Chemical incompatibilities	**2nd (Batch B)**	----do----
	3rd	Chemical incompatibilities		
5th (OCT 3rdweek)	**1st**	Chemical incompatibilities	**1st (Batch A)**	*Viva –voca & File check*
	2nd	Chemical incompatibilities	**2nd (Batch B)**	----do----
	3rd	Therapeuticincompatibilities	**3rd (Batch C)**	----do----
6th (OCT4th week)	**1st**	Therapeuticincompatibilities	**1st (Batch A)**	Preparation of Inhalations
	2nd	Test of Incompatibilities	**2nd (Batch B)**	----do----
	3rd	Posolgy Calculations of doses	**3rd (Batch C)**	----do----
7th (NOV1stweek)	**1st**	Factors influencing dose	**1st (Batch A)**	Preparation of dusting powder
	2nd	Types of powders	**2nd (Batch B)**	----do----
	3rd	Types of powders	**3rd (Batch C)**	----do----
8th (NOV2ndweek)	**1st**	Preparation of different types of powders	**1st (Batch A)**	Preparation of Powders
	2nd	Weighing methods, possible errors in weighing	**2nd (Batch B)**	----do----
	3rd	minimum weighable amounts	**3rd (Batch C)**	----do----
9th (NOV3rdweek)	**1st**	care of dispensing balance.	**1st (Batch A)**	Preparation of Eye drops
	2nd	Monophasic liquid dosage forms(Mixtures and concentrates	**2nd (Batch B)**	----do----
	3rd	Gargles, Syrups.	**3rd (Batch C)**	----do----
10th (NOV4thweek)	**1st**	Mouth washes Throat-paints	**1st (Batch A)**	Preparation of Ear drops.
	2nd	Douches Elixirs Ear Drops	**2nd (Batch B)**	----do----
	3rd	Nasal drops & Sprays,	**3rd (Batch C)**	----do----

		LinimentsLotions.		
11th (NOV 5th /DEC 1stweek)	**1st**	Suspensions./ Flocculated & deflocculated suspensions	**1st (Batch A)**	Viva-voca & file check.
	2nd	Preparation of Suspensions containing diffusible solids/Indiffusible solids	**2nd (Batch B)**	----do----
	3rd	Suspensions of precipitate forming liquids/ by chemical reaction	**3rd (Batch C)**	----do----
12th (DEC2ndweek)	**1st**	Test of Suspensions	**1st (Batch A)**	Preparation of Liniments
	2nd	formulation of emulsions	**2nd (Batch B)**	----do----
	3rd	identification of emulsion system	**3rd (Batch C)**	----do----
13th (DEC3rdweek)	**1st**	Instabilities in emulsions	**1st (Batch A)**	Preparation of lotions
	2nd	Preservation of emulsions.	**2nd (Batch B)**	----do----
	3rd	Emulsifying Agents		
14th(DEC 4thweek)	**1st**	Test of Emulsions.	**1st (Batch A)**	Preparation of Emulsions
	2nd	Types of ointments	**2nd (Batch B)**	----do----
	3rd	selection of dermatological vehicles	**3rd (Batch C)**	----do----
15th (DEC 5thweek)	**1st**	selection of dermatological vehicles	**1st (Batch A)**	Preparation of Suspensions
	2nd	Preparation of ointments	**2nd (Batch B)**	----do----
	3rd	stability of ointments	**3rd (Batch C)**	----do----
16th (JAN 1stweek)	1ST Sessional Examinations.			
17th (JAN 2ndweek)	**1st**	Bases of paste	**1st (Batch A)**	Preparation of Suspensions
	2nd	Preparation of pastes and their preservation.	**2nd (Batch B)**	----do----
	3rd	different types of jellies and their preparation.	**3rd (Batch C)**	----do----
18TH (JAN3rdweek)	**1st**	Test of Ointments.	**1st (Batch A)**	Viva-voca & file check
	2nd	types of suppositories, suppository bases	**2nd (Batch B)**	----do----
	3rd	Preparation and packing of suppositories,	**3rd (Batch C)**	----do----
19th (JAN 4thweek)	**1st**	Use of suppositories for drug absorption.	**1st (Batch A)**	Preparation of ointments
	2nd	Test of suppositories	**2nd (Batch B)**	----do----
	3rd	Classification of Cosmetics	**3rd (Batch C)**	----do----
20th (FEB1stweek)	**1st**	Dentrifices	**1st (Batch A)**	Preparation of Antiseptic cream
	2nd	Face Powders	**2nd (Batch B)**	----do----
	3rd	Cold Creams	**3rd (Batch C)**	----do----
21th (FEB2ndweek)	2nd Sessional Examinations.			
22st (FEB3rd week)	**1st**	Cleansing creams	**1st (Batch A)**	Preparation of Cold cream
	2nd	Tutorial/Test	**2nd (Batch B)**	----do----
	3rd	Vanishing Creams &foundation creams	**3rd (Batch C)**	----do----
23RD (FEB4thweek)	**1st**	Moisturising creams & lipsticks	**1st (Batch A)**	Viva-voca &File Check
	2nd	Shaving creams.	**2nd (Batch B)**	----do----
	3rd	Deodorants, Antiperspirants	**3rd (Batch C)**	----do----
24TH (MAR1stweek)	**1st**	Hair dressings & hair removers	**1st (Batch A)**	Preparation of Paste

	2nd	Antidandruff preparation	**2nd (Batch B)**	----do----
	3rd	Tutorial/Test	**3rd (Batch C)**	----do----
25TH (MAR2ndweek)	**1st**	Types of parenteral formulations.	**1st (Batch A)**	Preparation of Jelly
	2nd	Formulation of Parenteral preparation	**2nd (Batch B)**	----do----
	3rd	Quality control of parenterals	**3rd (Batch C)**	----do----
26th (MAR3rdweek)	**1st**	Preparation of Intravenous fluids and admixtures	**1st (Batch A)**	Viva-voca &File Check
	2nd	Dialysis fluids	**2nd (Batch B)**	----do----
	3rd	Sterility testing	**3rd (Batch C)**	----do----
27th (MAR 4thweek)	**1st**	Particulate matter monitoring Faulty seal packaging.	**1st (Batch A)**	Preparation of Powders
	2nd	Tutorial/Test	**2nd (Batch B)**	----do----
	3rd	Test of Sterile dosage forms	**3rd (Batch C)**	----do----
28th (MAR5TH week)	3RD SESSIONAL EXAMINATION.			
29th(APR.2nd week)	**1st**	Types of Opthalmic Preparation	**1st (Batch A)**	Incompatibility
	2nd	Eye suspensions & Eye ointments	**2nd (Batch B)**	----do----
	3rd	Formulation additives in Opthalmic preparation.	**3rd (Batch C)**	----do----
30th (APR.3rd week)	**1st**	Opthalmic Inserts	**1st (Batch A)**	Viva-voca &File Check
	2nd	special precautions in handling and storage of ophthalmic products.	**2nd (Batch B)**	----do----
	3rd	Tutorial/Test	**3rd (Batch C)**	----do----