

Lesson plan

Name of the Faculty: Promil Chauhan

Discipline: D. Pharmacy

Year: 1st Year

Subject: Pharmaceutics-I

Lesson Plan Duration: May 2022

Week	Theory		Practical	
	Lecture Day	Topic headline	Practical Day	Topic
1st	1.	Introduction to NDDS and classification of NDDS	1	To prepare and submit 20 tablets of Paracetamol by wet granulation method.
	2.	Implants and films and strips		
2 nd Year:	3.	Liposomes, Microspheres and Nanoparticles and their applications	2	To prepare and submit 10 capsules of Acetylsalicylic acid, Paracetamol and caffeine.
	4.	Noisome and Hydrogels and their applications and challenges		
	5.	Introduction to Pharmacopoeias (revision)		
3rd	6.	Indian Pharmacopoeia and their Salient features (Revision)	3	Demonstration of quality control and evaluation of Paracetamol Tablets.
	7.	Scope of pharmacy (Revision)		
4th Day	8.	Introduction to BP, USP, NF and Extra Pharmacopoeia (Revision)	4	To Prepare and Submit 50 ml of Aqueous Iodine Solution.(Revision)
	9.	History of Pharmacy Profession in relation to Pharmacy education and industry (revision)		
	10.	Test (Chapter-1)		
5th	11.	Packaging Material: Desirable features of container and Types of containers (revision) and Hygroscopic and their		10 capsules of Acetylsalicylic acid, Paracetamol and

Promil Chauhan

[Signature]

Lesson plan

Name of the Faculty : Inderjeet Kaur
 Discipline : D. Pharmacy
 Year : 1st Year
 Subject : Pharmaceutical Chemistry -I
 Lesson Plan Duration : May 2022

Week	Theory		Practical	
	Lecture Day	Topic headline	Practical Day	Topic
1 st	1.	Drugs Acting on Central Nervous System •Anaesthetics: (Revision)	1	To perform systemic qualitative analysis of organic compound detection of element i.e Salicylic acid
	2.	Thiopental Sodium, Ketamine Hydrochloride, Propofol(Revision)		
	3.	Sedatives and Hypnotics: Diazepam, Alprazolam, Nitrazepam, Phenobarbital(Revision)		
2 nd	4.	Antipsychotics: Chlorpromazine Hydrochloride(Revision)		
	5.	Haloperidol, Risperidone(Revision)		
	6.	Sulpiride, Olanzapine, Quetiapine, Lurasidone(Revision)	2	To perform systemic qualitative analysis of organic compound detection of element i.e Benzoic acid
	7.	Anticonvulsants: Phenytoin, Carbamazepine, Clonazepam, Valproic Acid, Gabapentin(Revision)		
3 rd	8.	Topiramate, Vigabatrin, Lamotrigine(Revision)		
	9.	Anti-Depressants: Amitriptyline Hydrochloride(Revision)	3	To perform the preliminary test for unknown organic compound i.e Salicylic acid
	10.	Imipramine Hydrochloride, Fluoxetine, Venlafaxine, Duloxetine(Revision)		
4 th	11.	Sertraline, Citalopram, Escitalopram, Fluvoxamine, Paroxetine(Revision)	4	To perform the preliminary test for unknown organic compound i.e Benzoic acid
	12.	Introduction to Pharmaceutical chemistry: Scope and objectives Sources and types of error(Revision)		
	13.	Accuracy, precision, significant figures Impurities in Pharmaceuticals: (Revision)		
	14.	Source and effect of impurities in Pharmacopoeial substances, importance of limit test(Revision)		
5 th	15.	Principle and procedures of Limit tests for chlorides, sulphates, iron, heavy metals and arsenic(Revision)		
	12	arsenic(Revision)		

Name of the Faculty: Mrs. Vijeta Barskar

Discipline : D. Pharmacy

Year : 1st YEAR

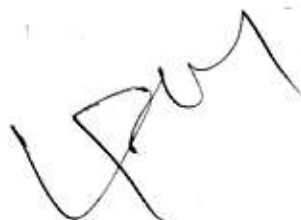
Subject : Pharmacognosy

Lesson Plan Duration: May-2022

LESSON PLAN

Week	Theory		Practical	
	Lecture day	Topic headline	Practical day	Practical name
1 st	1.	Role of medicinal and aromatic plants in national economy and their export potential.	1.	Physical and chemical test for evaluation of the following drug.(Agar)
	2.	Export potential of medicinal and aromatic plants.		
2 nd	1.	Introduction of Herbs as health food		
	2.	Brief introduction and therapeutic applications of Nutraceuticals, Antioxidants.		
3 rd	1.	Omega-3-fatty acids, Pre-biotic, Dietary fibers.	2.	Physical and chemical test for evaluation of the following drug.(Benzoin)
	2.	Spirulina, Carotenoids, Soya and Garlic.		
4 th	1.	Preparations of herbal drug	3.	Physical and chemical test for evaluation of the following drug.(Guar gum)
	2.	Characterization of herbal formulations.		
	3.	Herbal cosmetics.		
5 th	1.	Aloevera gel		


31/05/2022



Name of the Faculty: Ms. Neha

Discipline : D. Pharmacy

Year : 1st YEAR

Subject : Human Anatomy and Physiology (HAP)

Lesson Plan Duration: May 2022

Lesson plan

Week	Theory		Practical	
	Lecture Day	Topic headline	Practical day	
1st	1.	REVISION LECTURES Endocrine system	1.	To study urinary system from charts and models
	2.	Pituitary glands		
	3.	Pituitary glands		
2nd	4.	Adrenal glands	2.	To study cardiovascular system from charts and models
	5.	Thyroid glands		
	6.	Parathyroid glands		
	7.	pancreas		
3rd	8.	gonads		
1st	9.	Reproductive system introduction	3.	To study respiratory system from charts and models
	10.	Anatomy of female reproductive system		
4th	11.	Anatomy of male reproductive system	4.	To study digestive system from chart and models

Lesson plan ✨

Name of the Faculty : Inderjeet Kaur
 Discipline : D. Pharmacy
 Year : 1st Year
 Subject : Social Pharmacy
 Lesson Plan Duration : May 2022

Week	Theory		Practical	
	Lecture Day	Topic headline	Practical Day	Topic
1 st	1.	Introduction to Social Pharmacy(Revision)	1	Family planning devices(Revision)
	2.	Definition and Scope. Social Pharmacy as a discipline and its scope in improving the public health. (Revision)		
2 nd	3.	Role of Pharmacists in Public Health(Revision)		
	4.	Concept of Health -WHO Definition, various dimensions, determinants, and health indicators. (Revision)		
	5.	Basics of nutrition – Macronutrients and Micronutrients(Revision)	2	Oral Health and Hygiene(Revision)
3 rd	6.	Importance of water and fibres in diet(Revision)		
	7.	Balanced diet, Malnutrition, nutrition deficiency diseases(Revision)	3	Personal hygiene and etiquettes – hand washing techniques, Cough and sneeze etiquettes. (Revision)
4 th	8.	Ill effects of junk foods, calorific and nutritive values of various foods, fortification of food(Revision)	4	Various types of masks, PPE gear, wearing/using them, and disposal. (Revision)
	9.	Introduction to food safety, adulteration of foods(Revision)		
	10.	Effects of artificial ripening, use of pesticides, genetically modified foods(Revision)		
5 th	11.	Dietary supplements, nutraceuticals, food supplements indications, benefits, Drug-Food		
	12	Interactions(Revision)		