

Monthly Lesson Plan

| Name of the faculty | | Mrs. Manisha Sharma | |
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| Semester/year | | Diploma 2 nd Year | |
| Subject | | Biochemistry and clinical Pathology | |
| Lesson plan Duration | | SEPTEMBER-2023 | |
| WorkLoad/week(hrs) | | Lecture-03; Tutorial -1, Practical-01/batch | |
| MONTH/Week | THEORY | | Practical |
| | Lecture | TOPIC | Practical Topic |
| SEP/1st | Tutorial | Polysaccharides - chemical nature of starch and glycogen | |
| 2nd | 1st | Qualitative tests and biological role of carbohydrates | To perform qualitative analysis of carbohydrates . lactose) |
| | 2nd | Qualitative tests and biological role of carbohydrates | |
| | 3rd | Proteins Definition, classification of proteins based on composition and solubility with examples | |
| | Tutorial | Revision | |
| 3rd | 1st | classification of amino acids based on chemical nature and nutritional requirements with examples | To perform qualitative analysis of carbohydrates . (maltose) |
| | 2nd | Structure of proteins (four levels of organization of protein structure) | |
| | 3rd | Qualitative tests and biological role of proteins and amino acids | |
| | Tutorial | Revision | |
| 4th | 1st | Diseases related to malnutrition of proteins | PHARMACOVIGILENCE SEMINAR |
| | 2nd | Lipids Definition, classification with examples | |
| | 3rd | Structure and properties of triglycerides (oils and fats) | |
| | Tutorial | Revision | |
| 5th | 1st | PHARMACIST DAY CELEBRATION | To perform qualitative analysis of carbohydrates . (sucrose) |
| | 2nd | Fatty acid classification - Based on chemical requirements | |
| | 3rd | Fatty acid classification - Based on nutritional requirements | |
| | Tutorial | Lipoproteins - types, composition | |

| Himachal Institute of Pharmacy | | | |
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| Monthly Lesson Plan | | | |
| Name of the faculty | Mrs. Manisha Sharma | | |
| Discipline | Pharmacy | | |
| Semester/year | Diploma 2 nd Year | | |
| Subject | Community Pharmacy and Management | | |
| Lesson plan Duration | SEP - 2023 | | |
| Work Load/week (hrs) | Lecture- 03; Tutorial -1, Practical -1 / week | | |
| MONTH/W eek | THEORY | | Practical Practical Topic |
| | Lecture | TOPIC | |
| SEP/1st | Tutorial | Prescription handling | To identify drug-drug interactions in the prescription and follow-up actions to prevent it |
| | 3rd | Labelling of dispensed medications- introduction | |
| 2nd | 1 st | Main label, ancillary label, pictograms),- | To prepare dispensing labels and auxiliary labels for the prescribed medications |
| | 2 nd | Brief instructions on medication usage | |
| | Tutorial | Revision | |
| | 3rd | Good Dispensing Practices | |
| 3rd | 1 st | Dispensing process | To provide health screening services for monitoring patients / detecting new patients- blood pressure monitoring |
| | 2 nd | Calculation Of Dosage | |
| | Tutorial | Class test | |
| | 3rd | Dispensing errors | |
| 4 th | 1 st | strategies to minimize them | To provide health screening services for monitoring patients / detecting new patients- lung function assessment |
| | 2 nd | Communication skills • Definition, types of communication skills | |
| | Tutorial | ASSIGNMENT | |
| | 3 rd | Interactions with professionals | |
| 5th | 1 st | PHARMACIST DAY CELEBRATION | To provide health screening services for monitoring patients / detecting new patients BMI measurement |
| | 2 nd | Interactions with patients | |
| | Tutorial | Written communication skill | |
| | 3 rd | Body language –non verbal communication | |

Manisha
Singh
04/09/23

LESSON PLAN

Name of Faculty : Mrs. Sherry
 Discipline : D. PHARMACY
 Semester/year : 2nd year
 Subject : Pharmacy law and ethics
 Lesson Plan Duration: September 2023
 Work Load per Week: (03 lectures per week + 01 Tutorial)

| Week | Theory | |
|-----------------------------------|-------------|---|
| | Lecture day | Topic (Including Assignment/Test) |
| 1 st week of September | 1 | Quick revision of D&C act. |
| 2 nd week of September | Tutorial | New amendments: objectives, and other definitions |
| | 1 | Contd. Definitions of the schedules to the act |
| | 2 | JANAMASTHMI (Thursday 7th September 2023) |
| | 3 | Import of drugs: Introduction |
| 3 rd week of September | Tutorial | Import of drugs: classes of drugs and cosmetics prohibited from import |
| | 1 | Import of drugs(contd.) import under license or permit |
| | 2 | Manufacture of drugs; standards of quality, prohibition of manufacture and sale of certain drugs. |
| | 3 | Condition of grant of license: Introduction |
| 4 th week of September | Tutorial | Conditions of license for manufacture of drugs, manufacture of drug for test, examination and analysis. |
| | 1 | Manufacture of new drug, loan license and repacking license |
| | 2 | Study of schedule C and C1 |
| | 3 | Study of schedule G, H and H1 |
| 5 th week of September | Tutorial | Study of schedule K, P, N and X |
| | 1 | Sales of drug: wholesale, retail sale and restricted license |
| | 2 | Records to be kept in pharmacy and Assignment given on topic of list of schedule as per D and C Act. |
| | 3 | Drugs prohibited for manufacture and sale in India |

LESSON PLAN

Name of the Faculty : Inderjeet Kaur
Discipline : D. Pharmacy
Year : 2nd YEAR
Subject : Hospital Pharmacy and Clinical Pharmacy
Lesson Plan Duration : September 2023

| WEEK | THEORY | | PRACTICAL | |
|-----------------|-------------|---|---------------|--|
| | LECTURE DAY | TOPIC HEADLINE | PRACTICAL DAY | TOPIC |
| 1 st | 1 | Different Committees in the Hospital Pharmacy | | |
| | 2 | Therapeutics Committee - Objectives | | |
| 2 nd | 1 | Composition and Functions | 1 | Interpretation of laboratory reports to optimize the drug therapy in a given clinical case |
| | 2 | Hospital Formulary - Definition | | |
| | | TUTORIAL | REVISION | |
| 3 rd | 1 | Procedure for development and use of hospital formulary | 2 | Interpretation of laboratory reports to optimize the drug therapy in a given clinical case (Case-I) |
| | 2 | Infection Control Committee | | |
| | 3 | Role of Pharmacist in preventing Antimicrobial Resistance | | |
| | | TUTORIAL | CLASS TEST | |
| 4 th | 1 | Preparation of Drug lists - High Risk drugs and Emergency drugs | 3 | Interpretation of laboratory reports to optimize the drug therapy in a given clinical case (Case-II) |
| | 2 | Schedule H1 drugs | | |
| | 3 | NDPS drugs, Automated drug dispensing systems and devices | | |
| | | TUTORIAL | REVISION | |
| 5 th | 1 | Reserved Antibiotics | 4 | Filling up IPC's ADR Reporting Form and perform causality assessments using various scales |
| | 2 | Procedures of Drug Purchases | | |
| | 3 | Drug selection and short Term and long term tender/e-tender process | | |
| | | TUTORIAL | REVISION | |

AKaur

| Himachal institute of Pharmacy | | | | |
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| Lesson Plan | | | | |
| Name of the faculty | | Ms. Neha | | |
| Discipline | | D.Pharmacy | | |
| Semester/year | | Diploma 2 nd year | | |
| Subject | | Pharmacotherapeutics | | |
| Lesson plan Duration | | SEPTEMBER (2023-2024) | | |
| Work Load/week (hrs) | | Lecture- 03; Tutorial -1,Practical- 01/batch | | |
| Week | Theory | | Practical | |
| | Lecture | Topic | Practical | Topic |
| /1 ST | 1 ST | CVS- HYPERTENSION- disgnosis, treatment | | |
| / 2 ND | 1 st | Angina- def, types, causes | 1 st | To preapare and discuss SOAP notes for MAYOCARDIAL INFARCTION |
| | 2 ND | Angina- etiology, symptoms | | |
| | 3 RD | Angina - pathophysiology | | |
| 3 RD | 1 st | Angina – treatment | 2 ND | To preapare and discuss SOAP notes for MI |
| | TUTORIAL | Notes checking | | |
| | 2 ND | Myocardial infarction- def, types, causes | | |
| | 3 RD | Myocardial infarction- etiology, causes | | |
| 4 TH | 1 st | Myocardial infarction-pathophysiology | 3 RD | To preapare and discuss SOAP notes for HYPERLIPIDEMIA |
| | TUTORIAL | Revisoin | | |
| | 2 nd | Myocardial infarction- diagnosis, treatment | | |
| | 3 RD | Hyperlipidemia-def, types, causes | | |
| 5 th | 1 st | Myocardial infarction- symptoms, etiology | 4 TH | To preapare and discuss SOAP notes for HYPERLIPIDEMIA |
| | TUTORIAL | Myocardial infarction- pathophysiology, treatment | | |
| | 2 ND | CHF- Def, Types, ETIOLOGY | | |
| | 3 RD | CHF- Pathophysiology, Treatment | | |

Neha
Singh

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| Himachal institute of Pharmacy | | | | |
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| Lesson Plan | | | | |
| Name of the faculty | | Ms. Neha | | |
| Discipline | | D.Pharmacy | | |
| Semester/year | | Diploma 2 nd year | | |
| Subject | | Pharmacology | | |
| Lesson plan Duration | | SEPTEMBER (2023-2024) | | |
| Work Load/week (hrs) | | Lecture- 03; Tutorial -1,Practical- 01/batch | | |
| Week | Theory* | | Practical | |
| | Lecture | Topic | Practical | Topic |
| /1 ST | 1 ST | U-4- CNS-GENERAL ANESTHETICS | | |
| | TUTORIAL | U-4- GA | | |
| / 2 ND | 1 st | U-4 GA- TYPES | 1 st | To study introduction of experimental pharmacology |
| | 2 nd | U-4 GA- CLASSIFICATION | | |
| | 3 rd | U-4- ANALGESICS | | |
| | TUTORIAL | Revision Of U-4/Notes Checking | | |
| 3 RD | 1 st | U-4- TREATMENT | 2 ND | To Study Routes Of Drug Administration |
| | 2 nd | U-4 NON-ANALGESICS-INTRO | | |
| | 3 rd | U-4 TREATMENT | | |
| | TUTORIAL | NOTES CHECKING | | |
| 4 TH | 1 st | U-4- SEDATIVES AND HYPNOTICS-INTO | 3 RD | To study types of pre-clinical experiments: in-vivo, in-vitro, ex-vivo |
| | 2 nd | U-4- SEDATIVES- CLASSIFICATION | | |
| | 3 rd | CLASSIFICATION | | |
| | TUTORIAL | Revision Of U-4/Notes Checking | | |
| 5 th | 1 ST | U-4- HYPNOTICS-CLASSIFICATION | 4 TH | To study blood collection from animals. |
| | 2 ND | PHARMACOLOGY OF SEDATIVES AND HYPNOTICS, TREATMENT | | |
| | 3 RD | U-4- ANTI-PSYCHOTICS-INTRO, TYPES | | |
| | TUTORIAL | U-4- ANTI- PSYCHOTICS-DIAGNOSIS, TREATMENT | | |

Neha
Singh
04/10/23