



MAHATMA GANDHI VIDYAMANDIR'S
**SAMAJSHRI PRASHANTDADA HIRAY
COLLEGE OF PHARMACY**

Approved by : Pharmacy Council of India, New Delhi. Recognized by : DTE, Mumbai.
Affiliated to : Savitribai Phule Pune University, Pune (CPHN018220). MSBTE (2142) DTE Code : 5205 AISHE Code : C-41859 Exam Code : 1032

2.6 Student Performance and Learning Outcomes

2.6.1.1 Course Outcome



Mahatma Gandhi Vidyamandir's
SamajshriPrashantdadaHiray College of Pharmacy,

To be a premier center of Pharmacy Education

LokneteVyankatraoHiray Marg, Malegaon camp, (Nashik)

Affiliated to Savitribai Phule Pune University (CPHN018220)

Approved by A.I.C.T.E., P.C.I. (New Delhi), D.T.E. (Mumbai) &

State Govt. of Maharashtra

Tele Fax: (02554) 252563 Email: sphmgv@yahoo.co.in Website: www.mgv.org.in



Class :- First Y. B. Pharm (2019 Pattern)

Sem:- I

Subject :- HAP-I Theory (BP101T)

Upon Completion of the course student shall.....

CO:BP101T.1	CO.1. Explicate the gross morphology , structure and functions of various organs of the human body
CO:BP101T.2	CO.2. Define the various homeostatic mechanisms and their imbalances.
CO;BP101T.3	CO.3. Recognize the various tissues and organs of different systems of human body
CO:BP101T.4	CO.4 Identify the different types of bones and joints
CO:BP101T.5	CO.5. Appreciate coordinated working pattern of different organs of each system

Class :- First Y. B. Pharm (2019 Pattern)

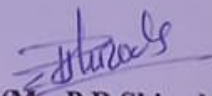
Sem:- I

Subject :- HAP-I Practical (BP107P)

Upon Completion of the course student shall.....

CO:BP107P	CO.1. Identify different tissues and Bones of the body
CO:BP107P	CO.2. Determine bleeding time and clotting time
CO:BP107P	CO.3. Estimate hemoglobin content, heart rate and pulse rate
CO:BP107P	CO.4. Enumerate WBC Count , RBC Count




(Mr. P.R. Shirode)
Subject Incharge



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Class :- First Y. B. Pharm (2019 Pattern)

Sem:- II

Subject :- HAP-II Theory (BP201T)

CO:BP201T.1	CO.1. Explicate the gross morphology , structure and functions of various organs of the human body
CO:BP201T .2	CO.2. Define the various homeostatic mechanisms and their imbalances.
CO:BP201T .3	CO.3. Recognize the various tissues and organs of different systems of human body
CO:BP201T .4	CO.4. accomplish various experiments related to special senses and nervous system
CO:BP201T .5	CO.5. Appreciate coordinated working pattern of different organs of each system

Upon Completion of the course student shall.....

Class :- First Y. B. Pharm (2019 Pattern)


Sem:- II

Subject :- HAP-II Practical (BP207P)

CO:BP207 P.1	CO.1. Identify different organs of the body
CO:BP207 P .2	CO.2. Define various systems of the body
CO:BP207 P .3	CO.3. Perform the hematological test like blood cell counts, hemoglobin estimation, bleeding /clotting time
CO:BP207 P .4	CO.4. Perform recording blood pressure, heart rate, pulse and respiratory volume

Upon Completion of the course student shall.....




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Class :- First Y. B. Pharm (2019 Pattern)

Sem:- II

Subject :- Pathophysiology (BP204T)

CO:BP 204 T	CO.1. Describe the etiology and pathogenesis of the selected disease states
CO:BP 204 T	CO.2. Identify the signs and symptoms of the diseases
CO:BP 204 T	CO.3. Recognize the various diseases and understanding of its prevention and treatment
CO:BP 204 T	CO.4 Understand the consequence of diseased organ

Upon Completion of the course student shall.....

Class :- Second Y. B. Pharm (2019 Pattern)

Sem:- IV

Subject :- Pharmacology-I (BP408P)

Upon Completion of the course student shall.....

CO	Students shall be able to
CO:BP408P.1	CO.1. Observe the effects of drugs on animal by Simulated experiments
CO:BP408P.2	CO.2. Appreciate correlation of pharmacology with other biomedical sciences
CO:BP408P.3	CO.3. Understand the pharmacological actions of different Categories of drug
CO:BP408P.4	CO.4. Develop awareness about endemic, non-endemic and epidemic disorders



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Course Outcome

Class: First Year B. Pharm

Academic Year: 2021 - 2022

Sem: I

Subject: Pharmaceutics I (BP103T), 2019 Pattern

Upon Completion of the course students shall..

CO 103T.01	Know the history of profession of Pharmacy
CO 103T.02	Understand the basics of different dosage forms, Pharmaceutical incompatibilities and Pharmaceutical calculations
CO 103T.03	Explain the professional way of handling the Prescription
CO 103T.04	Use basics to for preparation of various conventional dosage forms

Class: First Year B. Pharm

Academic Year: 2021 - 2022

Sem: I

Subject: Pharmaceutics I - Practical (BP109P), 2019 Pattern

Upon Completion of the course students shall..

CO 109P.01	Recall the principles used in the preparation of solid, liquid and semi-solid dosage forms.
CO 109P.02	Prepare monophasic and biphasic liquid dosage forms.
CO 109P.03	Design powders and granules.
CO 109P.04	Formulate semi solid dosage forms

Subject Incharge
(Prof. K. Erande)

Dr. S. R. Tambe
PRINCIPAL
Mahatma Gandhi Vidyamandir's
Samajshri Prashantdada Hiray
College of Pharmacy
LVH Marg, Malegaon Camp
Dist. Nashik-423105





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Course Outcome

Class: S.Y.B. Pharm Subject: Pharmaceutical Organic Chemistry III (BP 401T) Sem: IV

Upon Completion of the course students shall ...

CO BP 401T1	Interpret knowledge on stereo chemical aspects of organic compounds and organic reactions
CO BP 401T 2	Enlighten methods of racemic modification and resolution of racemic mixture
CO BP 401T 3	Understand method of preparation and properties of organic compound
CO BP 401T 4	Explain chemistry of heterocyclic compounds with medicinal importance





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Class: Third Year B. Pharm


Academic Year: 2021 - 2022

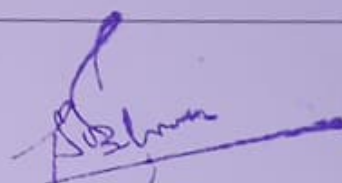
Sem: VI

Subject: Biopharmaceutics and Pharmacokinetics (BP604T), 2019 Pattern

Upon Completion of the course students shall...

CO 604T.01	Understand the basic concepts in Biopharmaceutics and Pharmacokinetics with their significance with special emphasis on ADME.
CO 604T.02	Explain the Pharmacokinetic parameters to describe the kinetics of drug absorption, distribution, metabolism, excretion, elimination using plasma drug concentration-time data.
CO 604T.03	State the concepts of bioavailability and bioequivalence of drug products and their significance.
CO 604T.04	Describe the concept of dissolution and <i>in vitro in vivo</i> correlation in drug product development.


Subject Incharge
(Prof. K. Erande)


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Course Outcomes

Class: Final Year B. Pharm.(Semester VIII) Subject: Medicinal Chemistry-IV

Subject Code: 4.8.4T

Subject Incharge: Ms. Pawar Snehal D.

➤ Upon completion of this course the student should be able to ...

CO1	Explain the Definition, classification, mechanism of action and chemistry of drugs.
CO2	Understand structure influences and pharmacological activity of different classes of drugs.
CO 3	Illustrate relevant metabolic pathway along with adverse effect and therapeutic value of drug.
CO 4	Outline the chemical synthesis of some drugs.





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Class :- Final Y. B. Pharm (2019 Pattern)

Sem:- VII

Subject :- Pharmacy Practice (BP703T)

Upon Completion of the course student shall.....

CO	Students shall be able to
CO- BP703T. 1	know various drug distribution methods in a hospital
CO- BP703T. 2	Monitor drug therapy of patient through medication chart review and clinicalreview
CO- BP703T. 3	Identify drug related problems
CO- BP703T. 4	know pharmaceutical care services

Class :- Final Y. B. Pharm (2019 Pattern)

Sem:- VII

Subject :- Social And Preventive Pharmacy (BP703T)

Upon Completion of the course student shall.....

CO	Students shall be able to
CO- BP802T. 1	CO.1 Evaluate alternative ways of solving problems related to health and pharmaceutical issues
CO- BP802T . 2	CO.2 know critical way of thinking based healthcare development current
CO- BP802T . 3	CO.3. identify Social and health Related issues
CO- BP802T , 4	CO.4 know pharmaceutical Pharmaceutical health policies



(Mr. P.R. Shirode)
Subject Incharge