

GPAT Preparation Syllabus (PH04)

Scope: GPAT stands for Graduate Pharmacy Aptitude Test and that means only the B. Pharm students/graduates are eligible for the test. Graduate Pharmacy Aptitude Test is computer based online examination conducted. This is beneficial for those students who want to take admission in M.Pharm in government colleges.

Course Outcome: The course has four major learning objectives. Upon completion of this course a student should be able to:

1. Learn the basic concepts of pharmaceutical sciences.
2. Prepare him for the competitive entrance exam GPAT in pharmacy field.
3. Enhances the intellectual knowledge of students.
4. Understand the correlation between Pharmacy and healthcare.

Unit I

10 Hours

PHARMACEUTICAL CHEMISTRY

General Principles of organic chemistry
Different classes of compounds
Different aromatic compounds
Medicinal chemistry (Structure, SAR, Synthesis, MOA of important compounds)
Biochemistry
Inorganic Pharmaceutical Chemistry

Unit II

10 Hours

PHARMACOLOGY

General Pharmacology
Detailed pharmacology including classification, mechanism of action and therapeutic uses
Pharmacology of peripheral nervous system
Pharmacology of central nervous System
Pharmacology of cardiovascular system
Drugs acting on urinary system
Pharmacology of Endocrine system


DEAN
INVERTIS INSTITUTE OF PHARMACY
INVERTIS UNIVERSITY, BAREILLY


Head of Department
Invertis Institute of Pharmacy
Invertis University Bareilly


Registrar
Invertis University
Bareilly

Unit III

10 Hours

PHARMACEUTICS

Pharmacy Profession & Introduction to Pharmaceuticals
Introduction to dosage form
Sources of drug information
Allopathic dosage form
Crude extract
Dosage Form Necessities and Additives
Capsules, Tablets
Parenterals - product requiring sterile packaging
Novel Drug delivery system

Unit IV

10 Hours

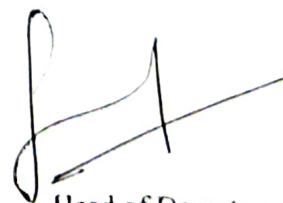
PHARMACOGNOSY

Introductory Pharmacognosy
Introduction to phytoconstituents
Principles of plant classification
Pharmaceutical aids
Animal products
5. Biogenetic pathways
Tannins
Volatile oils
Resinous drugs
Glycosides
Alkaloids
Extraction and Isolation Techniques



DEAN

**INVERTIS INSTITUTE OF PHARMACY
INVERTIS UNIVERSITY, BAREILLY**



**Head of Department
Invertis Institute of Pharmacy
Invertis University Bareilly**



**Registrar
Invertis University
Bareilly**

Department of Pharmacy

1 Jan 2021

CIRCULAR

VALUE ADDED COURSE (GPAT Preparation)-B.Pharm

Student of B.Pharm IVth Year are hereby informed you that "GPAT Preparation" classes are scheduled from 4 Jan 2021 in your respective classroom, Academic Block-III.

Schedule:

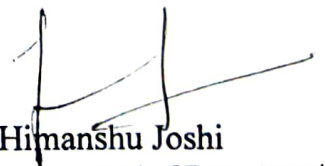
- Time Slot: 03:00 PM to 05:00 PM
- Key Speaker: Mr. Amit Gupta
- Duration: 2 hrs

Program Overview:

GRADUATE PHARMACY APTITUDE TEST (GPAT) is a national level entrance examination for entry into M.Pharm programmes. This test facilitates institutions to select suitable Pharmacy graduates for admission into the Master's (M.Pharm) program. The GPAT is a three-hour computer based online test which is conducted in a single session. Overall enhancement of a student carves him into a confident person



DEAN
INVERTIS INSTITUTE OF PHARMACY
INVERTIS UNIVERSITY, BAREILLY



Mr. Himanshu Joshi
Head of Department
(HOD)
Invertis Institute of Pharmacy
Invertis University Bareilly



Registrar
Invertis University
Bareilly



INVERTIS UNIVERSITY BAREILLY

Established by Govt. of U.P. in 21 of USC Act, 1956 vide U.P. Act 23 of 2010.

GPAT Preparation
Organised by:-
Department of
Pharmacy

Program:- B Pharm IV

02:00 PM TO 3:00 PM

Jan 4- May 7 2021

HOD Head of Department
Invertis Institute of Pharmacy
Invertis University Bareilly


Mr. Himanshu Joshi

Key speaker

Mr. Amit Gupta

DEAN

INVERTIS INSTITUTE OF PHARMACY
INVERTIS UNIVERSITY, BAREILLY


Registrar
Invertis University
Bareilly



INVERTIS UNIVERSITY BAREILLY

Established by Govt. of U.P. on 27.08.1986 Act. 1986 under U.P. Act 22 of 1980

GPAT Preparation

Course Overview

GRADUATE PHARMACY APTITUDE TEST (GPAT) is a national level entrance examination for entry into M.Pharm programmes. This test facilitates institutions to select suitable Pharmacy graduates for admission into the Master's (M.Pharm) program. The GPAT is a three hour computer based online test which is conducted in a single session. Overall enhancement of a student carves him into a confident person.

SK
Registrar
Invertis University
Bareilly

R
DEAN
INVERTIS INSTITUTE OF PHARMACY
INVERTIS UNIVERSITY, BAREILLY

[Signature]
Head of Department
Invertis Institute of Pharmacy
Invertis University Bareilly