



D.PHARMACY



Bulandshahr College

Bulandshahr School of Pharmacy

Approved by



AICTE



BTE
Lucknow



PCI
New Delhi

Prospectus



Welcome To Bulandshahr College Bulandshahr School of Pharmancy

Bulandshahr College Bulandshahr School of Pharmancy was established in the year 2016, and duly approved by the AICTE & PHARMACY COUNCIL OF INDIA (PCI) & B.T.E. Lucknow, Gov. of India and is affiliated to Board of Technical Education U.P., Lucknow with 60 students strength.

Bulandshahr College Bulandshahr School of Pharmacy is only Pharmacy Council of India approved D.Pharm college in Bulandshahr.

Pharmacy is a very noble profession. This profession endeavors to improve the quality of life as a pharmacist. Our goal is to eradicate diseases from the whole world.

Bulandshahr College Bulandshahr School of Pharmacy will provide best pharmacist to the Nation for the health of Indian peoples. Pharmacists are the pillar of healthy Nation.

COURSES OFFERED:

Diploma in Pharmacy (D. Pharma)

Admission Procedure :

No. of Seats:
60 Nos.

Program Duration:
2 years

Admissions to D. Pharma diploma course are governed by U.P. Govt. norms and guidelines. Board of Technical Education Lucknow Entrance Test through Joint Entrance Examination council Uttar Pradesh, Lucknow (www.jeeup.org). For admission on management seats is done by the College directly on the basis of merit in the entrance tests / merit of 10+2. The seats shall be allotted strictly in the order of merit of the Entrance Test. The applicant may also contact the college (by phone, email or in personally) to confirm the schedule and the details of Counseling.

The candidates will be offered the seat, in the order of their merit during counseling. It is the option of the candidate to accept the admission. Once a student accepts the admission, he/she may not withdraw. If some seats in D. Pharma. remain vacant after the counseling, the Management, according to the instructions received from the authorities will fill these vacant seats. Application for direct admission by the management is to be submitted by the candidate on prescribed registration form. The prospects and registration forms are available at the Institute.





PHARMACY

Eligibility :

The minimum academic qualification for admission to D. Pharma. is 10+2 (Class XII) or its equivalent referred to as the qualifying examination with min. 50% marks, SC/ST-45%. Subject combinations required in the qualifying examination for admission to D. Pharma course are: - Physics & Chemistry as compulsory subjects and - Any one of the following optional subjects: Mathematics, Bio-Technology and Biology Students appearing in the qualifying examination are also eligible for admission subject to the fulfillment of the requirements of education, age and physical fitness certificates etc. as prescribed by the examining body during counseling /admission.

Registration for Direct Admission:

Admission in Management quota Seats are Open Registration forms and information brochure for admission are available in head office - Bulandshahr College Bulandshahr School of Pharmacy, Pali Bhavsi, Aurangabad Road, Bulandshahr (U.P.)

Fee Structure

Fees payable as per the State Govt. & board norms. For admission you may contact to The PRINCIPAL, Bulandshahr College Bulandshahr School of Pharmacy, Bulandshahr, either in person or by Phone: 8923479189, 8126580400, 9457940004





PHARMACY

Laboratories



Infrastructure of Pharmacy College

Pharmacy College Campus and class rooms Bulandshahr College Bulandshahr School of Pharmacy Bulandshahr campus spread over an area of 2.5 Acres and situated in a calm, peaceful and pollution free environment All basic amenities like drinking water, electricity, power back-up, and internet facilities have been provided by BCBSOP, Bulandshahr. Pharmacy college infrastructure. The academic block of Pharmacy College has the fully developed Infrastructure representing spacious lecture halls, tutorial rooms, administrative office, seminar hall, library, computer lab and other pharmaceutical laboratories. Basic Laboratories

- Pharmaceutics Laboratory
- Pharmaceutical Chemistry Laboratory
- Pharmaceutical Analysis Laboratory
- Pharmacognosy Laboratory
- Anatomy, Physiology and Pathophysiology Laboratory
- Computer Laboratory
- Language Lab

All laboratories are well equipped with all the equipments and apparatus required for conduct of experiments as per norms. Museum Museum at is facilitated with all kinds of educative Anatomical Models, Specimens, Photographs etc. It also provides information about herbal drugs by housing Herbarium, Specimens, Photographs, Samples etc.





PHARMACY

Class Room

All the classrooms are spaciouly designed and are well furnished with necessary technical teaching aids like OHP, Slide projectors, LCD Projector, Laptop and power supply.

Seminar Hall :- The Institute possesses a Seminar Hall with seating capacity of 500 people. The Hall plays host to guest lectures, seminars and various presentations.

Library:- The College library has a rich collection of printed as well as electronic resources which include:-

- 🌀 Books including for particular topics or subjects as well as Reference books like dictionaries, encyclopedias, yearbooks, etc.
- 🌀 National and International Journals & Magazines.
- 🌀 Database and Audiovisual material.

Computer Facilities :- Keeping in view the increased emphasis on technology, the BCBOP has developed computer lab with broad - band connection. The lab is equipped with sufficient number of computers with the latest configuration and softwares. In addition, we also have our own Internet facility through local ISP.

Wi-Fi facility is also available.

Pharmacy Departments

Department of Pharmacology

The pharmacology department lays strong emphasis on research while imparting education in pharmacology, toxicology & other related subjects. A primary objective of Pharmacology is to investigate the fundamental aspects of molecular bio-regulatory mechanism of the cell and understand how drugs act in order to develop new drugs for treatment of diseases. Toxicology examines toxicity and adverse effects of developed drugs, mechanisms of chemical agents and how they produce mutagenicity, carcinogenicity, teratogenicity and neurological disorders.

The department has two separate laboratories :-

Pharmacology lab I :- It is established to understand the Human Anatomy, Physiology and Pathology of diseased state with the help of charts, models including human skeleton and various types of apparatus.

Pharmacology lab II :- It consists of equipment to investigate the activity of various drug samples, such as Digital Balance, Rota Rod, Electro-convulsimeter, Plethysmograph, Analgesiometer, Histamine chamber and Actophotometer.

Department of Pharmacognosy

“Pharmacognosy is the science that deals with medicine derived from natural sources”

Pharmacognosy is a specific discipline that deals with the rapid developments in the knowledge and utilization of medicinal





PHARMACY

substances of biological origin (plant, microorganism and animal products) used for human and veterinary purposes. This subject provides information about the principles and procedures used in the identification, authentication, extraction and isolation of active constituents by chromatography techniques, purification, and development of herbal formulations and assay methods for the isolated constituents. Focus is also put on pharmacopoeial regulations, ICH, EU guidelines and principles of good manufacturing practices.

The Pharmacognosy lab is equipped with Projection microscope, Soxhelt apparatus, Clevenger's apparatus, Stage micro-meter and oculometers, Hot air oven, together with many crude drugs, charts, and models.

Herbal garden

The College has established a Herbal Garden to teach students about the evaluation and extraction of drugs obtained from plant source. This includes a variety of plants like Datura, Calotropis, Azadirachta indica, Cannabis sativa and Withania somnifera.

Department of Pharmaceutical chemistry

The department of pharmaceutical chemistry is one of the central important branches of the institute. It is equipped with state of the art facilities to undertake academics in Bachelor of Pharmacy course. In the frontier area of phytochemical research, the focus will be laid on isolation, characterization and evaluation of biological activities both by in-vitro and in-vivo models.

Analysis of drugs and pharmaceutical chemicals forms the backbone of research and development in pharmaceutical industry. The department focuses on training the graduate students on how to use the modern and newer instrumental analytical techniques such as HPLC, UV-Visible Spectroscopy, Fluorimetry and Flame photometry.

Special emphasis is laid on the implementation of good laboratory practices and analytical skills. The department is actively involved in developing new analytical methods and their validation, characterization and quantitative estimation of possible impurities in various dosage forms.

The department has a Pharmaceutical Chemistry Lab I (Inorganic / Organic Chemistry Lab), Pharmaceutical Chemistry Lab II (Pharmaceutical Analysis Lab), Pharmaceutical Chemistry Lab III (Medicinal Chemistry Lab) and Pharmaceutical Chemistry Lab IV (Instrumentation Facility).
Pharma

Department of Pharmaceutics

Pharmaceutics is concerned with the strategies by which biologically active compounds are presented to the body so as to elicit an optimal response. It includes the design, preparation and testing of drug delivery systems





PHARMACY

The department has a Machine Room, Pharmaceutics Laboratory I (GP/ DP Labs), Pharmaceutics Laboratory II (Unit Operation Lab), Pharmaceutics Laboratory III (Micro biology Lab).

Machine Room

The machine room is well equipped with latest machines generally encountered in Pharmaceutical Industry like Coating Pan, Hand Operated Single Punch Machine, Dissolution Rate Test Apparatus , Disintegration Test Apparatus , Refrigerated Centrifuge, Deep Freezer, Mechanical and Sieve Shaker, Filter Press, Venturimeter and Orifice Meter, Friability Test Apparatus, Granules Drier, Capsule Filling Machine and Mechanical Stirrer.

Pharmaceutical Microbiology Laboratory

This Aseptic Room of Microbiology Lab has facilities Like BOD Incubators, Laminar Air Flow, UV Cabinet, Deep Freezer, Digital Oven, Incubators, Incubator Cum Shakers, Bacterial Colony Counter and Autoclaves.





PHARMACY

D. Pharmacy Syllabus

Diploma in Pharmacy (Part-I)

1. Pharmaceutics I
2. Pharmaceutical Chemistry I
3. Pharmacognosy
4. Biochemistry & Clinical Pathology
5. Human Anatomy & Physiology
6. Health Education & Community Pharmacy

Diploma in Pharmacy (Part - II)

1. Pharmaceutics II
2. Pharmaceutical Chemistry II
3. Pharmacology & Toxicology
4. Pharmaceutical Jurisprudence
5. Drug Store and Business Management
6. Hospital and Clinical Pharmacy
7. Environmental

