

White Feathers Group
OF EDUCATIONAL INSTITUTES



PROSPECTUS

D.Pharm



White Feathers Group Of Educational Institutes

Kotwadham Road Tikaitnagar Barabanki

Near Bhuihare Baba Mandir

Email Id- whitefeathersedu@gmail.com

☎ 05241-272173 📞 7525802222, 6387101114

Recognised By A.I.C.T.E

Approved By PCI

Affiliated To BTE UP- Lucknow



Vision, Mission and Values

Vision

- The faculty and students of the White Feathers Group of Educational Institutes (College of Pharmacy) will be innovators and leaders in transforming health care to create positive patient outcomes through the discovery and translation of research and scholarship.
- Become a pioneer in providing quality and affordable educational facilities and services to all sections of society and to develop and provide professionally qualified Pharmacists for augmenting the nation's human resources through Pharmaceutical Scientific research.

Mission

- We believe in creating high quality professionals by nurturing their talent. This is our educational ethic to prepare them to fight in every sphere of life.
- To advance societal health through leadership in pharmacy education, research, community engagement, and improved patient care for building India a world leader in Pharmacy Education and Health Care.
- To strive incessantly to achieve Goals of Institution and to impart excellence in Pharmacy Education.
- To include high moral, ethical and professional standards among students and to improve the overall personality as well as to include compassionate behavior.
- To provide the community with qualified graduates to practice in various pharmaceutical disciplines in accordance with international standards, conduct innovative research and offer professional services for health care promotion.
- To establish and develop self-reliant world class institute for imparting Pharmacy and other Health, Science education at Diploma, Under Graduate, Levels of the global competence.

Values

- The quality and completeness of our students' education is our top priority.
- We pursue excellence in education and scholarship.
- Integrity, Fairness, Excellence and Innovativeness.
- There is community within the faculty and staff that is premised on collegiality, mutual trust, respect, honesty, and integrity.
- We value diversity within our faculty, staff, students, teaching, and scholarship in helping us to be better members of our community and society.



Managing Directors Profile

The Managing Director, Er. Ravi Prakash Singh is a renowned IT professional. He is a Bachelor of Information Technology, 2008 from Uttar Pradesh Technical University. He worked in Tata Consultancy Services till 2015 and provided consultancy to different clients across the Globe.

Since 2016, he is an Advisor in an International Railway Company.

A highly experienced and knowledgeable professional who is dedicatedly working on improving Indian Education to produce world class professionals.

Dear Students

It gives me immense pleasure to introduce White Feathers Group of Educational Institutes (College of Pharmacy). This Pharmacy Institute is proud to host premier educational institute of MSR Square Pvt. Ltd. White Feathers Group of Educational Institutes offers 2 Years course D. Pharm (Diploma in Pharmacy). The institute is provided with the latest infrastructure, equipment's and we have put highly qualified, dedicated teachers to offer world class education to our students.

A professional today has to be much more familiar with the changing economic and business scene and should be in a position to use skills to be advantage.

We at White Feathers Group of Educational Institutes train the upcoming professionals not just in the traditional subjects, but also as per market demand. Our aim is to help our students to develop an intelligent mind with analytical ability so that they always become the leaders in the forefront in whatever pursuit they undertake.

We have worked out a curriculum that would dynamically address the issues of the future which will bring confidence and leadership in students. Come and join us for a bright future.

Founder's Message

Thank you for choosing White Feathers Group of educational institutes and welcome to our institute!

White Feathers Group of educational institutes' foundation is laid on the principles of "Yes We can". Our model recognizes the benefits of entrepreneurial education among any field, for those who would like to join the workforce, as well as for those who would become self-employed.

As the human psychology points out that we need to be creative, communicative and possess critical mentality with divergent thought and flexibility to find novel solutions. A leader balanced mentality, focused to the personal and organizational success, with a vision of the future. A mind capable of working with all the brain that feels and respect the intuitive, that knows how to establish and conserve relationships, that works on teams or individually in moments of intensive flow. At WFGOEI you will find entrepreneur formation, warmth environment, emotional intelligence, multicultural focus, personalized education, quality, well-being and innovation.

Our state of the art education involves professors who are deeply involved within their field, so students are exposed to current day to day practices. We are committed to provide the support you need throughout your professional journey.

The world has changed and it is never too late to study. Young students will build a more successful career due their educational development. In addition, adults and seniors always benefit from school as the global world demands for professionals to stay up to date with current developments As the saying goes, "**Early bird catches the worm**", wake up and take this learning initiative to make this world a more beautiful place to live in.

Er. Ravi Prakash Er. Sreejith Gopalan Er. Mohsin Khan Er. Rakesh Kumar Er. Swapnil Deshmukh



The campus is spread over an area of 326 acres. It is situated in a calm, peaceful and pollution-free environment **Bangawan Tikaitnagar Barabanki** located next to India Expo Mart, Greater Noida. The Innovative Welfare and Educational Society has constructed a 3-storeyed building

The campus is equipped with modern labs, class rooms, seminar hall, library, student centre for co-curricular activities, computer lab, academic and administrative blocks and other amenities for exclusive and widespread provision for indoor and outdoor games.

Classrooms :- 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, e-books, etc.
- National and International Journals & Magazines.
- Database and Audiovisual material.

Computer Facilities :- Keeping in view the increased emphasis on technology, the Innovative College 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.





Sports facilities :-

all indoor games, such as table tennis, badminton, carom and chess. The campus has also been facilitated with a widespread outdoor area for cricket, volleyball and football.

Canteen :- The College also possesses a neat and clean canteen in which all types of food is being served.

Museum :- The College possesses a museum exhibiting more than 100 crude drugs, herbarium sheets, botanical specimens & charts of drugs & plants, colored slides of medicinal plants, patent medicines & containers of common usage in medicines.

COURSES OFFERED

DIPLOMA IN PHARMACY (No. of Seats :- 60 per year)

Recognised by :- AICTE, Ministry of HRD, and Govt. of India & U.P. Govt., Approved by PCI, New Delhi

Affiliating Board :- Board of Technical Education U.P.

Course Structure :- This Course is a 2 year programme based on yearly examination system, which includes theory & practicals besides individual training.

Eligibility Criteria:- 10+2 with 50% in PCB/PCM



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 :-

Anatomy 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 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 (Central Instrumentation Facility).

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



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.

Training and Placement Cell

The Placement Cell constantly keeps in touch with the Industry to ascertain the technology advancement and plans well in advance for bridging any gap in addition to what students learn in their curriculum.

The students are provided the platform for developing interpersonal, technical, and business skills, so that they can face the global challenges of today and the future.

Career in Pharmacy

- Production & Manufacturing
- Research & Development
- Quality Control/Quality Assurance
- Marketing
- Hospital Pharmacy
- Forensic Pharmacy
- Clinical trials
- Community Pharmacy
- Academic & Research
- Regulatory affairs/IPR
- Opportunity to go Abroad
- Pharmacovigilance
- Medical writing

BOARD OF TECHICAL EDUCATON (D. Pharm)

D. Pharm (1st year)

Theory

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

Practical

1. Pharmaceutics-I
2. Pharmaceutical Chemistry-I
3. Pharmacognosy
4. Biochemistry & Clinical Pathology
5. Human Anatomy & Physiology

D.Pharm (2nd year)

Theory

1. Pharmaceutics-II
2. Pharmaceutical Chemistry-II
3. Pharmacology & Toxicology
4. Pharmaceutical Jurisprudence
5. Drug Store & Bussiness Management
6. Hospital & Clinical Pharmacy

Practical

1. Pharmaceutics-II
2. Pharmaceutical Chemistry-II
3. Pharmacology & Toxicology
4. Hospital & Clinical Pharmacy



ADMISSION PROCESS

ADMISSION PROCEDURE

The eligibility criteria for direct admission on seats remaining vacant in first year after entrance examination counseling shall be such as may be notified from time to time

Ragging is Banned in the College and Hostel Premises

According to the ruling of the Hon'ble Supreme Court of India, "In case the applicant for the admission is found to have indulged in ragging in the past or if it is noticed later that he has indulged in ragging, Admission may be refused or he/she shall be expelled from the education institute."

Any student of Innovative College of Pharmacy found involved in ragging inside or outside the college/hostel shall be punished heavily with a fine up to Rs.50,000/- and may also be expelled from the college with immediate effect without any notice.





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