

PCI -3630

WEBCOM COLLEGE OF PHARMACY

Approved by Pharmacy Council of India, New Delhi
& Affiliated by Diploma in Pharmacy Examination Committee, Ranchi

PCI-3630

D.Pharm

Diploma in Pharmacy



Prospectus



"Aims at Multi-dimensional Objectives to take the Individuals at glorious heights"

VISION

Like our former president Dr. A.P.J. Abdul Kalam, it is our wishful thinking to visualize 100% literacy in the nation by 2020 by fulfilling our sacred duty of providing a platform which is very essential and aims at multi- dimensional objectives to take youngsters to glorious heights in different fields and transforming them into tomorrow's entrepreneurs who will be proficient in their respective fields.

At **WCP**, we have the zeal to groom leaders who are not only thorough professionals but also good human beings with good values & excellent interpersonal skills. We aim to be a world class center for professional learning driven by professionalism, dynamism, innovation and a good value system.

WEBCOM COLLEGE OF PHARMACY

Where pioneering spirit meets 21st century technology & which is known for:

- Renowned faculty
- Unlimited learning opportunities
- Vibrant student life
- New Ideas to generate and give new shape to the world



From the desk of
DIRECTOR

A. Kumar

The fast changing business environment is changing the mindset of the professionals. Today, nobody thinks only of winning the country's markets, the view is on global markets and to get access to unexplored international business potential. The risks are high but the lure of returns is attracting corporates to new pastures. The future promises are to be even more challenging. 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 best advantage. Innovative Institute has a crucial role to play in the changing environment. We at Innovative train the upcoming professionals not just in the traditional subjects, but also go much beyond the contemporary issues that affect today's businesses.

The global economy is poised for high growth and only professionals who can cope with this challenging environment can become successful. Our curriculum addresses a higher degree of awareness to change and train the new generation professionals in skills that make them effective and efficient professionals. We need to train them not only to become professionals but also to be effective leaders. Professionals should function with a vision that transcends boundaries and a quality of learning and implementation as well. The Institute has enormous responsibility in building the confidence and leadership qualities in the upcoming professionals and to mould their whole personality.

We at Innovative Institutes have a vision that symbolizes dynamism and human values. We have worked out a curriculum that would dynamically address the issues of the future which will bring confidence and leadership in students.Come, join and share our vision for a bright future.



The campus is spread over an area of 1.85 acres. It is situated in a calm, peaceful and pollution-free environment best suited to academic pursuits located next to Deoghar Road, Giridih, Jharkhand

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 spaciously designed and are well furnished with necessary technical teaching aids.

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.







Hostel :–

Our Plan to make hostel rooms for students have provision of 24 hour power back up with wireless internet connectivity and provide a professional ambience for work. There is centrally located dining hall; the food prepared is a mixture of Indian and continental. The hostel is managed by student's body, with the help of an advisory body of the College. Besides these facilities, there is a T.V. lounge, a gymnasium and facilities for Indoor games.

Sports facilities :-

We will Provide A centrally located indoor stadium is being developed to provide facilities for 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.



COURSES OFFERED

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

Recognised by :- Approved by PCI, New Delhi & Affiliated by Diploma in Pharmacy Examination Committee, Ranchi

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 theactivity of various drug samples, such as Digital Balance, Rota Rod, Electro-convulsiometer, 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, Flourimetry 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 drugdelivery systems The department has a Machine Room, Pharmaceutics Laboratory I (GP/ DP Labs), Pharmaceutics Laboratory II (Unit Operation Lab), Pharmaceutics Laboratory III (Micro biology Lab).





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.

Result At a Glance

- Passed with Distinction 20%
- Passed with first division 75.2%
- Passed with second division 4.8%

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 success of the Placement Cell is evident from our alumni occupying positions at the best opted for companies in the country.

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



WEBCOM COLLEGE OF PHARMACY

D.Pharm (Ist year)

Theory

1. Pharmaceutics-I
2. Pharmaceutical Chemistry-I
3. Pharmacognosy
4. Social Pharmacy
5. Human Anatomy & Physiology

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 PROCEDURE

1. Eligibility for Admissions:

1.1. Admission through Entrance Examination:

(I) Candidates who have passed 10+2 Intermediate from any recognized Boards with Physics Chemistry and Math or Bio as compulsory subject

1.2. Direct admission on vacant seats at Institution/College level:

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 Webcom College Of Pharmacy, Giridihfound 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.



PCI -3630

WCP

WEBCOM COLLEGE OF PHARMACY

(Approved by Pharmacy Council of India, New Delhi & Diploma in Pharmacy Examination Committee, Ranchi - Jharkhand)

PCI - 3630

Paste Recent Passport Size Photo

APPLICATION FORM

FOR DIPLOMA IN PHARMACY COURSE (D.PHARM)

Form No.___

Session : ..... Date of Admission .....

(Fill in the block letters only)

NAME

FATHER'S NAME

MOTHER'S NAME

OCCUPATION

ADDRESS

PIN-

CORREPONDENCE ADDRESS

PIN-

DATE OF BIRTH

SEX -Male ☐ Female ☐

AADHAR NO.

MOBILE NO.1 MOBILE NO.2

EMAIL ID

State Nationality

Caste Category: SC ☐ ST ☐ OBC ☐ GEN ☐

Educational Qualification :

Name of Examination	Board / Council/ University	Session	Year of Passing	Marks Obtained	Percentage of Marks	Division
Matriculation						
Intermediate						
Others						

Note :

(i) Submission of CLC/Migration (Original)

(ii) Applicant should attach self attested Original and 1 set Xerox copies of the certificate in support of his/her qualification.

(iii) Student should fix their recent passport size photograph in Box.

(iv) Students from SC, ST or OBC category must attach their Caste certificate.

(v) Receipt from third party cannot be entertained by College.

Total course Fee : _____ If any Discount/Scholarship given then total tuition Fees _____

At the time of Admission Fees received (Cash / Cheque / Online):

Amount _____ Date _____ If Online UTR No._____R.No_____

Reference Detail _____

Payment Schedule

Date	Amount	Mode of Payment	College Receipt No	Date	Remarks

Other Fees (Essential) :

Tution Fees :

Annual Practical Examination Fees : 1000.00 / Paper

Annual Theoretical Examination Fees : 2000.00 / Paper

***Fee once deposited will not be refunded under any circumstance.**

Declaration

I, _____do hereby declare that the submissions made above are true to the best of my knowledge, Information and belief. If false information being found, my candidature may be terminated without giving any notice to me and also obey the rules and regulation of the College and attend the Classes Conducted by the College .

I will also pay the Tuition & other fees as per the given payment schedule by College on time, If I will fail then College/Institution can take appropriate action against my admission and I will not Challenge or claim the action taken by College authority.

_____ Father/Guardian Signature

_____ Applicant Signature

Accountant Office Superintendent Principal Director

PHARMACY COUNCIL OF INDIA

A Statutory body under Ministry of Health and Family Welfare
Government of India

E - MAIL : registrar@pci.nic.in
WEBSITE : www.pci.nic.in
Telephone : 011-61299900
011 - 61299901, 011 - 61299902
011-61299903

NBCC Centre, 3rd Floor
Plot No.2, Community Centre
Maa Anandamai Marg
Okhla Phase I
NEW DELHI 110020

DECISION LETTER

Institute Name / Inst ID Webcom College Of Pharmacy / PCI-3630
State JHARKHAND
District GIRIDIH
Sub-District Giridih
Village/Town/City GIRIDIH
Pin Code 815301

Sir / Madam

With reference to the subject cited above i am directed to convey the approval of PCI as per Following Details

Course	Name of Affiliation body/University	Decision	Approval Status	Approval Upto
D.Pharm	Diploma in Pharmacy Examining Committee Deptt of Health Medical Education and Family Welfare Govt of Jharkhand Ranchi	Approval for 2020- 2021 for conduct of 1st year for 60 admissions	Approved	2020-2021

Date 10th April 2020

For Archana Mudgal
Registrar-cum-Secretary
PCI

Copy to

i) Registrar of the University

ii) Principal of the college

iii) Secretary/Chairman of the Trust/Society

iv) Guard File (PCI)

Note: Validity of the course details may be verified at www.pci.nic.in

Diploma-in-Pharmacy Examination Committee

Department of Health, Medical Education & Family Welfare
Government of Jharkhand
Office : Jharkhand State Pharmacy Council, Bariatu, Ranchi – 834 009 (Jharkhand)
Mob. No. 9431371283 **E-mail Id. : d.pharmexamcommittee@gmail.com**

Ref. No. : D. Pharm/41/2022 **Date** 14/4/2022

From,

Kaushlendra Kumar
Member Secretary
Diploma-in-Pharmacy Examinaiton Committee, Jharkhand
Bariatu, Ranchi- 834 009 (Jharkhand).

To,

The Chairman
Webcom College of Pharmacy
Patel Nagar, Giridih Industrial Area
Giridih - 815301 (Jharkhand).

Subject :- Regarding consent of affiliation.
Reference :-WCP/ 09/22 Dated- 12-04-2022.

Respected Sir / Madam,

With reference to the subject cited above, this is to inform you that only after grant of approval to your college / institute to conduct Diploma-in-Pharmacy course from the Pharmacy Council of India, New Delhi; Diploma-in-Pharmacy Examintion Commitee, Jharkhand will conduct examination of your college / institute for the session concerned.

This is for your kind information.

Yours faithfully,

Kaushlendra Kumar 14/4/2022

(Kaushlendra Kumar)
Member Secretary

Member Secretary
D. Pharm. Exam. Committee
Deptt. of Health M.E & F.W.,
Govt. of jharkhand, Ranchi