



**KALINGA  
UNIVERSITY**



# FACULTY OF PHARMACY

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# ABOUT KALINGA UNIVERSITY

Kalinga University, Raipur has emerged as a centre of excellence of higher education in Central India. Strategically located in the Smart City of New Raipur, this University has started carving a niche for itself in the education domain and is rising as a shining star on the horizon of quality education.

**About Raipur** - Raipur is the Capital of Chhattisgarh and New Raipur is the New Capital of Chhattisgarh in the making. New Raipur is the fourth planned city of India with wide roads and miles of greenery and is pollution free. It is the first integrated and smart city of the country. A cosmopolitan city which is also the hub of higher education hosts IIM, IIT, IIIT, National Law University, CIPET, NIT and AIIMS. In addition it also hosts most National and International Brands of Food and Retail Outlets.

**Establishment** - Established in 2013, this University has been able to win the confidence of over 12000 students. Meritorious students from all over the country and various foreign countries like Afghanistan, Angola, Bangladesh, Burundi, Cameroon, Congo, Gambia, Ghana, Ivory Coast, Kenya, Lesotho, Liberia, Malawi, Mosambique, Namibia, Nepal, Nigeria, Papua New Guinea, Rwanda, Somalia, South Korea, South Sudan, Sudan, Swaziland, Syria, Tanzania, Uganda, Zambia and Zimbabwe etc. have chosen this University for their education and career.

**Schools of Excellence** - Currently the University is serving the student community through various schools offering UG and PG programs namely Arts & Humanities, Biotechnology, Commerce & Management, UX Design, Engineering, Fashion Design, Information Technology, Interior Design, Journalism & Mass Communication, Law, Library Science, Pharmacy, Science, Education and Yoga. It also has a centre for Doctoral Research Programmes in various fields.

**Academics and Faculty** - All schools are headed by senior professors having excellent academic credentials and experience of teaching, publications and research. They are ably supported by the well qualified faculty members who come from top educational institutions and the Industry. Students also get an opportunity to learn from a distinguished panel of experts drawn from various industries, who regularly come for guest lectures.

**Infrastructure** - Kalinga boasts of World Class Infrastructure and student facilities with student centric approach. Highest attention is paid to hands on learning approach and students are encouraged to come up with innovative ideas for projects and practicals. The University has more than 75 laboratories and workshops, all well equipped with the latest, state of the art apparatus and tools. Special emphasis is given to the development of communication skills through the language lab. More than 1200 computers are available for the use of the students.

The Library has a collection of over 90,000 books and also offers digital content through membership of DELNET, National Digital Library and NPTEL. Various magazines and journals are available for the use of the faculty and students. Infrastructure consists of Student Hostel facilities, Green Acres, Canteen, Food Mess, Gymnasium, Fully Wi-fi Campus, ATM, Mini Market, Student hangout Areas, Sports Complex, Recreation Halls with Indoor Games and Music and recreation activities.

**Industry Orientation and Leadership** - Industry interaction is an integral part of the curriculum and industrial visits, internships on live projects and mentoring by the Industry leaders are regular features. The University has developed excellent connections with the top Industries of the region by taking memberships of leading industrial associations like Confederation of Indian Industries, PHD Chamber of Commerce and Industry, Federation of Indian Chamber of Commerce and Industry, Indian Importers Chamber of Commerce and Industry, etc. The University has an active chapter of Young Indians in which students get an opportunity to interact extensively with the Industry leaders and attend various corporate seminars and events.

**Life Changing Experience** - Kalinga is a Life Changing Experience where the focus is on over all development of students. NCC, NSS and various other clubs and societies offer opportunities to students to showcase their talent and learn under the guidance of experts. Music, Dance and Martial Arts trainers are available for the students. Coaches of different games and sports like Cricket, Football, Basketball, Volleyball and Athletics are also available for sharpening the skills of the students.

## FACULTY OF PHARMACY

The Faculty of Pharmacy has been established with a vision to nurture talented students with an interest in pharmacy and graduate professionals who would contribute to the field and society at large with their knowledge, discipline and upright morals. To achieve this vision, the Faculty has a team of experienced professors, an up-to-date syllabus and state-of-the-art laboratories with cutting-edge technology.

At the Faculty, the students are taught to develop and adopt strategies to apply foundational sciences like pharmaceutical, administrative, social, and clinical to identify therapeutic problems. Both students and faculty members are given Industrial visits to update their existing knowledge. Guest lectures by professionals from the healthcare industry are held as well as seminars are organized to give the students an awareness of the industry demands.

The Pharmacy faculty has laboratories specified for various subjects. It also has machine labs with sophisticated machines. The faculty offers bachelor's programs, master's programs and diploma program.

# PHARMACY STREAM

Pharmacy is the clinical health science that links medical science with chemistry and it is charged with the discovery, production, disposal, safe and effective use, and control of medications and drugs. Pharmacists are the experts on drug therapy and are the primary health professionals who optimize the use of medication for the benefit of the patients. Therefore, their scope of pharmacy practice includes both traditional roles such as compounding and dispensing medications, and modern services related to health care such as clinical services, reviewing medications for safety and efficacy, and providing drug information.

Studying Pharmacy enables students to develop skills specific to the role including:

- Knowledge of facts and theories relating to the design and manufacture of medicines.
- The ability to communicate effectively with patients and other healthcare professionals
- Production of pharmacy-specific scientific documentation
- Operation of pharmaceutical instrumentation
- Knowledge of the law and ethical concerns relating to the supply of medicines.
- Analysis of Medicines.

The Indian pharmaceutical industry is one of the largest pharma industries in the world. This increases the scope of pharma studies in India. With the growing pharma industry in India, pharma students have a number of career options. From hospital pharmacists to community pharmacists and the likes of drug inspectors, there are plenty of options to choose from.

Teaching is also becoming a favourable option for students after they gain experience in a particular field. Pharmaceutical marketing and sales are among the highest-paid jobs in India. Students can find employment in hospitals, industries and research labs. In hospitals both private and government their job entails procurement and stocking, preparation and dispensing of drugs and health accessories.

## PROGRAMS & ELIGIBILITY

S. No.	Program	Duration	Mode	Eligibility
01.	M.Pharmacy* (Pharmacology, Pharmaceutics, Pharmaceutical Chemistry)	2 Years	Semester	B. Pharmacy
02.	B.Pharmacy	4 Years	Semester	Passed 10+2 examination with Physics and Chemistry as compulsory subjects along with any one subject out of Mathematics / Biotechnology / Biology. Obtained at least 45% marks (40% in case of candidate belonging to reserved category) in the above subjects taken together.
03.	B.Pharmacy (Lateral Entry)	3 Years	Semester	Candidate should have passed Diploma in Pharmacy (D. Pharmacy) course from an institute approved by the Pharmacy Council of India under section 12 of the Pharmacy Act, with at least 45% marks (aggregate) for General candidate & 40% marks (aggregate) for candidates belonging to ST/SC or OBC category.
04.	D.Pharmacy	2 Years	Annual	Passed 10+2 examination with Physics and Chemistry as compulsory subjects along with any one subject out of Mathematics / Biotechnology / Biology. Obtained at least 45% marks (40% in case of candidate belonging to reserved category) in the above subjects taken together.
05.	Pharm D	6 Years	Semester	Candidate must have Passed 10+2 with PCB/PCM or candidate must have Passed Two Year Diploma in Pharmacy.
06.	B. Pharmacy Practice	2 Years	Annual	Candidate must have Passed Two Year Diploma in Pharmacy, must have registered in Local Pharmacy Council and must have four years of experience in the field of Pharmacy and an Experience Certificate of the same.

# SECTORS EMPLOYING PHARMACY GRADUATES

## Pharmaceutical Companies

- Ranbaxy Laboratories Ltd. • Eli Lilly and Company • Sun Pharmaceutical Industries Ltd. • Pfizer Ltd.
- Torrent Pharmaceuticals Ltd. • Lupin Ltd. • Glenmark Pharmaceuticals Ltd. • Cipla Ltd.

## Clinical Research Companies

- Chiron Panacea Vaccines • LG Life Sciences India Pvt Ltd. • APCER Pharma • Quantum Genetics
- Jubilant Lifescience Pvt. Ltd. • Venus Remedies Ltd. • Fermish Clinical Technologies Pvt. Ltd.
- Auriga Research Ltd.

## Cosmetics Companies

- L'Oréal India Pvt Ltd. • The Shahnaz Husain Group of Companies • Lakme India • Viviana Colors India Pvt. Ltd. • The Himalaya Drug Company • Elle 18 • Lotus Herbals Ltd. • Forest Essentials • Maybelline
- Biotique

## Hospitals

- Sir Ganga Ram Hospital • Apollo Hospital • Fortis Hospital • Moolchand Hospital • Tata Memorial Hospital • Narayana Hrudayalaya • Kokilaben Hospital • Nova Hospital • Max Super Speciality Hospital
- Medanta The Medicity

## Diagnostic Companies (Pathology Labs)

- Abbott • SRL Diagnostics • Suburban Diagnostic Ltd. • Dr. Lal Pathlabs • Beckman Coulter • Vijaya Diagnostic Centre • Roche Diagnostics • Oncquest Laboratories Ltd.

## CAREER OPTIONS

### Some Employment Options in Pharmacy are :

- Community Pharmacist • Hospital Pharmacist • Research Scientist (Medical) • Clinical Research Associate
- Higher Education Lecturer • Medical Sales Representative (Sales) • Pharmacologist • Product/Process Development Scientist
- Regulatory Affairs Officer • Research Scientist (Life Sciences) • Science Writer • Toxicologist
- Food and Cosmetic Industry • Own Pharmacy or Chemist Shop • Research & Development • Formulation Development (F&D)
- Diagnostic Technologist • Quality Control/Quality Assurance • Nuclear Pharmacy • Nutrition Support Pharmacy

## APPROVALS & ASSOCIATIONS



**Call :** +91-9907252100 (For Indian Students)

+91-7470783000 (For International Students)

**Campus :** Kalinga University, Kotni, Near Mantralaya Naya Raipur – 492101, Chhattisgarh, India.

**City Office :** 1st Floor, SLT Water Front, Opp. Telibandha Talab, Raipur - 492001.

**Bhilai Office :** 111, Khichariya Complex, Near Hotel Grand Dhillon, Nehru Nagar, Bhilai, 490020.

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