



PROMOTING EXCELLENCE

# WORLD COLLEGE OF PHARMACEUTICAL SCIENCES

WORLD COLLEGE OF PHARMACEUTICAL SCIENCES, JHAJJAR



WORLD COLLEGE OF PHARMACEUTICAL SCIENCES

SHACHIN BHASKAR  
PARKHADA  
1st FLOOR, 100 Feet, 2018

**Dr. NARENDRA SINGH**  
Chairman & Director General  
M.tech (IIT Delhi), Ph.D (IIT Delhi), Post Doc. (U.K)



## From Chairman's Desk

It is my privilege to greet you on behalf of World College of Pharmaceutical Sciences. We believe that excellence in education is achieved when it is student oriented and delivered with scientific and creative teaching approaches by skilled professors who love their subjects and their students. Students cannot become gems until they are polished by good teachers. Dedicated and effective teachers are harbingers of good education. Keeping this in mind, we always look for excellent faculty and infrastructure. Academic Excellence, Holistic Education, Global Relevance and Values continue to be the corner stones of World College of Pharmaceutical Sciences. We are deeply entrenched in the process of building an academic culture that is based on the norms of merit based advancement and putting structures in place that would help build and sustain top-quality programs. We continue to pump in additional resources (like more high-tech labs, advancement in library & workshop equipment etc.) that are needed to create an outstanding institution. We are aware that building a world-class institute is a gradual and painstaking process but, the journey to excellence is well and truly on its way.

**Dr. Narendra Singh** completed his M.S, M.Tech and Ph.D from Indian Institute of Technology, Delhi and carried out his post doctoral studies from University of Leeds, England. He has vast experience of Technical Education in Universities of America, Austria & Australia. Dr. Singh has been associated with promotion.

# *Principal's Message*



**DR. CHANCHAL GARG**

M.Pharm, Ph.D, Post Doc.

I hope this message finds you all in good health and high spirits. As the Principal of World College of Pharmaceutical Sciences, an esteemed Pharmacy College, I am writing to share some important updates and information that require your attention.

The focus of World College of Pharmaceutical Sciences is to provide comprehensive education and training to students pursuing a career in pharmacy. The primary objective is to equip students with the knowledge, skills, and ethical foundation necessary to excel in the pharmaceutical profession. The key areas of focus of World College of Pharmaceutical Sciences are:

- **Academic Excellence:** We prioritize academic excellence by offering a rigorous and up-to-date curriculum that covers essential subjects in pharmaceutical sciences. The focus is on providing a strong foundation in areas

such as pharmacology, pharmaceuticals, medicinal chemistry, pharmacokinetics, pharmacotherapy, pharmaceutical analysis, and pharmacy practice.

- **Practical Training and Skill Development:** We emphasize practical training and skill development to ensure that students acquire hands-on experience and become proficient in various pharmaceutical procedures and techniques. This includes training in compounding, formulation development, drug analysis, pharmacological screening, patient counseling, and medication therapy management. Practical training is often conducted in well-equipped laboratories and simulated pharmacy settings.
- **Professional Ethics and Social Responsibility:** We emphasize the importance of professional ethics and social responsibility in the pharmaceutical profession. Students are educated on ethical practices, patient confidentiality, professional conduct, and legal regulations governing pharmacy practice. The focus is on instilling a sense of responsibility towards patient care, community health, and the promotion of safe and effective medication use.
- **Interdisciplinary Education:** We acknowledge the interdisciplinary nature of healthcare. They encourage collaboration with other healthcare disciplines, such as medicine, nursing, and public health. This interdisciplinary approach fosters an understanding of the roles and responsibilities of different healthcare professionals and promotes collaborative patient-centered care.
- **Community Engagement:** We emphasize community engagement and encourage students to actively participate in community outreach programs, health campaigns, and public health initiatives. The focus is on promoting health awareness, medication safety, and providing pharmaceutical services to underserved populations. Students are encouraged to contribute to the well-being of the community through volunteering and community service activities.

Overall, the focus of World College of Pharmaceutical Sciences is to provide a comprehensive education that prepares students to become competent and compassionate pharmacists. The goal is to develop professionals who can meet the healthcare needs of individuals and communities, contribute to pharmaceutical research and innovation, and uphold the highest standards of ethical pharmacy practice.

I am proud to lead a college that is committed to excellence, innovation, and the overall growth of our students. Together, let us continue to create an environment that nurtures bright minds, fosters personal and professional development, and contributes to the advancement of pharmaceutical sciences.

Wishing you all success in your endeavors.

Warm regards,

Dr. Chanchal Garg

### **Dr. Chanchal Garg (M. Pharm., PhD, Post Doc)**

*All Her Qualifications in Pharmaceutical Chemistry is having more than 15 years of experience in academics, research and administration. She has obtained her Doctorate from Faculty of Pharmacy, Jamia Hamdard, New Delhi under a DST funded project. Later, she was awarded prestigious Post Doctorate Fellowship from University Grants Commission, New Delhi under UGC-PDFW scheme. Her research area is phytochemistry, quality control and standardization of medicinal plants and formulations in which she has published quality research work in high impact factor journals. Also she has 1 patent in process, 3 books and several book chapters to her credit. She has delivered a number of lectures at different professional platforms in India and abroad.*





## Vision

At World College of Pharmaceutical Sciences, we envision a future where our institution stands as a beacon of excellence and innovation in pharmaceutical education. Our vision is to be recognized globally as a premier center of learning, research, and professional development in the field of pharmacy. We strive to cultivate a dynamic and inclusive learning environment that nurtures aspiring pharmacists, pharmaceutical scientists, and healthcare professionals.



# Mission

The mission of World College of Pharmaceutical Sciences is to provide a transformative educational experience that prepares students to excel as competent and compassionate healthcare professionals in the field of pharmacy. We are dedicated to fostering a culture of excellence, innovation, and ethical practice through our commitment to the Education and Skill Development, Professional Ethics and Social Responsibility and Lifelong Learning and Professional Development.



## SCOPE OF

# PHARMACY GRADUATES

Pharmacy graduates in India have a wide range of opportunities and a promising scope in various sectors. Here are some key areas where pharmacy graduates can pursue rewarding careers:

- **Pharmaceutical Industry:** The pharmaceutical industry is a major employer of pharmacy graduates. Graduates can work in areas such as research and development, quality control, production, regulatory affairs, sales and marketing, pharmacovigilance, and clinical research. With India being a major player in the global pharmaceutical market, there are ample opportunities for growth and innovation in this sector.
- **Community Pharmacy:** Graduates can establish their own community pharmacies or work in retail pharmacy chains. They play a crucial role in dispensing medications, counseling patients on proper medication use, managing inventory, and providing healthcare advice. Community pharmacies also offer opportunities to engage in health promotion activities and collaborate with healthcare professionals.
- **Hospital Pharmacy:** Hospital pharmacies provide opportunities for pharmacy graduates to work as part of the healthcare team in hospital settings. They are involved in dispensing medications, compounding sterile and non-sterile preparations, conducting medication reconciliation, participating in clinical rounds, and providing drug information to healthcare professionals and patients.



- **Clinical Research:** With the growth of the clinical research industry in India, there is a demand for pharmacy graduates to work in clinical research organizations (CROs) and contract research organizations (CROs). They can contribute to clinical trial management, data analysis, pharmacovigilance, and regulatory compliance.
- **Academic and Research Institutions:** Pharmacy graduates can pursue careers in teaching and research by joining academic institutions or research organizations. They can contribute to the development of future pharmacists, engage in research projects, and contribute to the advancement of pharmaceutical sciences.
- **Government Sector:** Pharmacy graduates can find opportunities in government healthcare departments and regulatory bodies such as the Food and Drug Administration (FDA). They can work in drug testing laboratories, drug regulation and control, pharmacovigilance, and public health initiatives.
- **Pharmaceutical Marketing and Sales:** Graduates can work in pharmaceutical marketing and sales departments, promoting pharmaceutical products to healthcare professionals and managing sales territories. They play a crucial role in product promotion, conducting educational programs, and building relationships with healthcare providers.
- **Entrepreneurship:** Pharmacy graduates with an entrepreneurial mindset can explore opportunities to establish their own pharmaceutical manufacturing units, start-ups in the healthcare sector, or specialized services such as compounding pharmacies or personalized medicine.

It is important to note that the scope and opportunities for pharmacy graduates may vary depending on factors such as specialization, experience, location, and market demand. Continuous learning, skill development, and staying updated with industry trends and regulations can further enhance career prospects for pharmacy graduates in India. Also, the pharmacy graduates find ample opportunities abroad.

## **Facilities**

World College of Pharmaceutical Sciences offers a range of facilities to support the education, research, and professional development of its students and faculty. Here are some common facilities to mention:

- **Classrooms and Lecture Halls:** Well-equipped classrooms and lecture halls provide a conducive environment for students to attend lectures, discussions, and interactive sessions with faculty members.
- **Laboratories:** Various types of laboratories are essential for pharmacy education, allowing students to gain hands-on experience and practical skills.
  - **Pharmaceutical Chemistry Lab:** Equipped with instruments and equipment for chemical analysis, drug synthesis, and formulation development.
  - **Pharmaceutics Lab:** Provides facilities for compounding, formulation development, dosage form preparation, and drug delivery system studies.
  - **Pharmacology and Pharmacotherapeutics Lab:** Equipped with animal models, tissue culture facilities, and equipment for conducting experiments related to drug action, pharmacological screening, and therapeutic interventions.
  - **Pharmaceutical Analysis Lab:** Includes advanced instruments and equipment for qualitative and quantitative analysis of drugs, quality control, and testing procedures.

- **Library and Information Resources:** A well-stocked library with a comprehensive collection of textbooks, reference materials, scientific journals, and online databases crucial for academic and research pursuits is available. Access to e-books, online journals, and databases which provides students and faculty with the latest information and research articles in the field of pharmacy.
- **Computer and IT Facilities:** Computer lab equipped with software for data analysis, modeling, simulation, and pharmaceutical software applications support pharmacy education and research. Access to online learning platforms, and e-learning resources that enhance digital learning and research capabilities.
- **Pharmacy Museum:** It serves as an educational resource, showcasing the evolution of pharmacy practice over time.
- **Cafeteria and Recreational Area:** A cafeteria or food court within the college campus provides students and faculty with a place to relax, socialize, and grab meals. Recreational facilities promote physical well-being and extracurricular activities.
- **Administrative Office:** Administrative office handles various functions related to admissions, student affairs, faculty administration, examinations, and general administration. It serves as a point of contact for students and staff to address administrative queries and concerns.

## **Why you should take admission in Pharmacy**

There are several compelling reasons why you should consider taking admission in Pharmacy course. Here are some key benefits and opportunities that pharmacy education can offer:

- **Expanding Career Opportunities:** The field of pharmacy offers a wide range of career opportunities in diverse sectors such as pharmaceutical industry, community and hospital pharmacy, research and development, academia, regulatory bodies, and clinical research. By pursuing a pharmacy education, you open doors to a variety of career paths, allowing you to explore and specialize in areas that align with your interests and aspirations.
- **Fulfilling and Rewarding Profession:** Pharmacy is a profession that focuses on patient care and improving public health. As a pharmacist, you have the opportunity to make a positive impact on people's lives by ensuring safe and effective medication use, providing medication counseling, and contributing to disease management. The ability to directly contribute to the well-being of individuals and communities can bring a deep sense of fulfillment and satisfaction.
- **Stability and Job Security:** The demand for pharmacists continues to grow, ensuring a stable and secure career path. With an aging population, increasing healthcare needs, and advancements in pharmaceutical research, the demand for pharmaceutical services and expertise is expected to remain strong. This offers job security and long-term career prospects for pharmacy graduates.
- **Continuous Learning and Professional Development:** Pharmacy is a dynamic field that constantly evolves with new discoveries, technologies, and regulations. Pursuing a pharmacy education provides you with a platform for continuous learning and professional development. You have the opportunity to stay updated with the latest advancements in pharmaceutical sciences, engage in research activities, attend conferences and seminars, and participate in continuing education programs to enhance your knowledge and skills throughout your career.

- **Interdisciplinary Collaboration:** Pharmacy education often involves collaboration with other healthcare disciplines, such as medicine, nursing, and public health. This interdisciplinary approach provides opportunities for learning from and collaborating with professionals from various fields. It promotes teamwork, a holistic approach to patient care, and a better understanding of healthcare systems.
- **Research and Innovation:** Pharmacy education equips you with the skills and knowledge to engage in research and innovation. Whether it's contributing to drug discovery, developing new drug delivery systems, conducting clinical trials, or advancing pharmaceutical sciences, pharmacy education lays the foundation for research and innovation that can lead to breakthroughs in healthcare.



- **Personal and Professional Growth:** Pharmacy education not only focuses on developing your scientific and technical skills but also emphasizes the development of soft skills such as communication, critical thinking, problem-solving, and ethical decision-making. These skills are invaluable in personal and professional growth, enabling you to effectively interact with patients, healthcare professionals, and colleagues.
- **Strong Support Network:** Pharmacy colleges provide a supportive learning environment with faculty members, mentors, and fellow students who share a common interest in pharmacy. This support network can provide guidance, encouragement, and collaboration opportunities that enhance your learning experience and help you build valuable professional connections.

Taking admission in World College of Pharmaceutical Sciences offers you the opportunity to pursue a fulfilling and impactful career in Pharmacy, contribute to healthcare advancements, and make a positive difference in the lives of others. It provides a solid foundation for personal and professional growth, stability, and continuous learning.

### **Courses in pharmacy**

- D.pharma (2year)
- B.pharma (4 year)
- M.Pharma(2 year after B.Pharma)

### **Eligibilities for D. Pharm / B. Pharm**

- Students must have completed intermediate with physics, chemistry, mathematics/biology subjects.
- Documents required such as 10<sup>th</sup> certificates, 12<sup>th</sup> certificates, cast certificate, domicile certificate, migration certificate, family ID /PPP ID, and Aadhar Card, Email ID and Phone No.
- Minimum 50% marks for general, or OBC category and minimum 45% marks for SC or ST category

### **About WCPS (World College of Pharmaceutical Sciences)**

- Approved by PCI and HSBTE
- Approved by Pt. Bd. Sharma University of Health Sciences , Rohtak
- Eco friendly campus
- Highly qualified staff
- Transport facility
- Campus is natural and free from pollution
- Free from ragging
- Provide training, industrial visit and placement.
- Well equipped laboratory.
- Well furnished classroom
- Peaceful environment
- Clinical facilities available with a 750 bedded hospital
- Students will have the advantage of having the practical training in our World College of Medical Sciences situated in the vicinity of WCPS.

