

LIFE@SOPS



CT UNIVERSITY

NH-5, Ferozpur Road, Ludhiana Punjab, India



+91 99145-11016
1800-137-7777

Visit Us:
www.ctuniversity.in

Email at :
admission@ctuniversity.in

CTU
CAREER TRANSFORMATION

CT UNIVERSITY
PUNJAB, INDIA
Career Begins Here...



SCHOOL OF
**PHARMACEUTICAL
SCIENCES**



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CTU
CAREER TRANSFORMATION

WHY JOIN SCHOOL OF PHARMACEUTICAL SCIENCES AT CT UNIVERSITY?

- The School of Pharmaceutical Sciences at CT University is a premier institution committed to developing skilled and future-ready pharmacy and healthcare professionals.
- It offers a wide range of programs including D.Pharm, B.Pharm, Pharm.D, M.Pharm, and Ph.D., aligned with industry standards and global healthcare needs.
- The school follows a balanced teaching approach by combining strong theoretical knowledge with extensive practical training.
- Well-equipped modern laboratories support hands-on learning and skill development.
- The curriculum is regularly updated to match advancements in pharmaceutical sciences and emerging industry trends.
- Experienced and dedicated faculty members guide students in academics, research, and professional growth.
- A strong research culture promotes participation in projects, seminars, workshops, and scientific publications.
- Industry internships, industrial visits, and collaborations enhance real-world exposure and employability.
- Emphasis is placed on developing critical thinking, innovation, leadership skills, and ethical values.

ABOUT SCHOOL

The School of Pharmaceutical Sciences, CT University, Ludhiana was established in the year 2018 in Punjab, with a vision to produce promising and credible Pharmacy Graduates and Post Graduates with potential knowledge and skills. SOPS is committed to imparting excellence in pharmaceutical education.

With state-of-the-art facilities, a robust curriculum, and a team of highly experienced faculty, we offer a comprehensive educational experience that blends theoretical knowledge with practical application. Our programs are designed to meet the demands of the industry, ensuring that graduates are well-equipped to face challenges and drive innovation in the field.

To establish a hallmark of excellence in drug discovery & develop augmenting proficiency for communal health and to gratify industry-oriented education with global healthcare impact.

MISSION

1. Accomplishment of the best higher education system with a transformative impact in research, innovation, creativity, and entrepreneurship.
2. Transformative impact on students by focusing on deep inter-disciplinary knowledge, solving complex pharmaceutical problems, leaders Communication and interpersonal skills, personal health and well-being.
3. Transformative educational experience by engaging with partners out the traditional borders of university.



ACADEMIC PROGRAMS OFFERED

COURSES	DURATION
Diploma in Pharmacy (D.Pharm)	2 years
Bachelor of Pharmacy (B.Pharm)	4 years
Bachelor of Pharmacy (B.Pharm) LEET	3 years
Master of Pharmacy (M.Pharm) – Pharmaceutics	2 years
Master of Pharmacy (M.Pharm) – Pharmacology	2 years
Master of Pharmacy (M.Pharm) – Pharmaceutical Chemistry	2 years
Doctor of Pharmacy (Pharm.D)	6 years
Doctor of Pharmacy (Pharm.D – PB)	3 years

INDUSTRY COLLABORATIONS & MOU'S / INTERNATIONAL COLLABORATIONS



OUR ACHIEVERS



WORLD-CLASS RESEARCH LABS

At the core of CT University's School of Pharmaceutical Sciences lies a collection of innovative research laboratories that offer students unparalleled opportunities to engage in advanced, hands-on research in pharmaceutical sciences, drug discovery, and therapeutic solutions. Our laboratories are equipped with the latest tools and technology to facilitate your journey from a student to an expert in your field.



Zebrafish Toxicology Lab

Study drug toxicity and genetic influences using an advanced animal model.



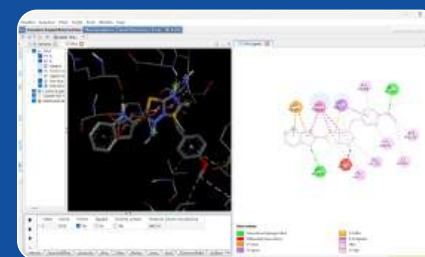
Drosophila Research Lab

Study genetics and drug responses using Drosophila as a human-relevant model.



HPLC Lab

Gain expertise in quantitative analysis and purity testing using advanced HPLC systems.



In-Silico Research Lab

Discover drug behavior using molecular modeling and simulations.



Cardiology Lab

Study cardiovascular diseases and learn how cardiovascular protective medicines helps to improve patient care.



Pharmaceutics Research Lab

Explore drug formulation, delivery systems, and biopharmaceuticals for real-world applications.



Pharmaceutical Chemistry Research Lab

Learn drug synthesis & structure-activity relationships.



Pharmacognosy Lab

Study natural medicines, herbal drugs & bioactive compounds through hands-on research.



Janusadhi Center for Dispensing Practice

Hands-on community pharmacy training in dispensing and public health

EVENTS AT SOPS

Indo-Sri Lanka Symposium 2025

CT University successfully organized the Indo-Sri Lanka Symposium 2025 to strengthen international academic collaboration, promote ethical research, and foster cultural harmony between India and Sri Lanka. The event brought together eminent scholars, researchers, and students for meaningful knowledge exchange. Keynote lectures highlighted ethical research practices and Traditional Indian Medicines, while poster and oral presentations showcased young researchers' work. The symposium reaffirmed CT University's commitment to global engagement, innovation, and academic excellence.



International Workshop on Zebrafish Models in Pharmaceutical Research

CT University's School of Pharmaceutical Sciences conducted a two-day international workshop on zebrafish models, focusing on hands-on training, ethical research, and modern pharmaceutical applications, with participation from international researchers and Indian students.



World Pharmacist Day

World Pharmacist Day was celebrated on 25th September to honor the significant role of pharmacists in healthcare. The event highlighted their contributions to safe and effective medication use, patient safety, and public health. Through expert talks, interactive sessions, and student presentations, awareness was created about the expanding responsibilities of pharmacists as healthcare professionals, educators, researchers, and vital contributors to community well-being.



Academic Excellence Awards

The School of Pharmaceutical Sciences at CT University consistently demonstrates academic vibrancy through a rich calendar of national and international scholarly events, fostering multidisciplinary research exposure and global engagement. The school regularly hosts International Webinar Series, featuring distinguished speakers from the USA, Japan, Indonesia, Switzerland, Malaysia, and Zambia, providing students with global perspectives in pharmacology, pharmaceuticals, biotechnology, and regulatory sciences. The students participate actively in the events and achieved excellence awards. These diverse academic and extracurricular initiatives cultivate global competence, research aptitude, social responsibility, and professional readiness among students.



PUBLICATIONS / PATENTS / COPYRIGHTS

The School of Pharmaceutical Sciences has demonstrated exceptional research productivity with 200+ publications with cumulative impact factor of 323, and 50+ patents published and granted, reflecting its strong research orientation and innovation-driven culture. In the first quarter of 2025 alone, the university reported 100 patent publications, positioning the department among the leading contributors to India's pharmaceutical innovation landscape. Faculty excellence is highlighted by prestigious achievements such as Dr. Dilpreet Singh being ranked among the World's Top 2% Scientists by Stanford-Elsevier (2025) and receiving multiple excellence awards. The school also contributes actively to scholarly books, book chapters, industrial consultancy projects, and government-funded research proposals through agencies such as ICMR, BIRAC, and SRB, further validating its strong academic reputation.



Faculty of SOPS
DR. DILPREET SINGH

AMONG
WORLD'S
TOP 2% SCIENTISTS
2025

BY STANFORD UNIVERSITY AND ELSEVIER

EXTRACURRICULAR ACTIVITIES AT SOPS

