



Accreditation & Ranking



Pharmacy Category

M.PHARM



PHARMACOLOGY

- Affiliated with **CHARUSAT** University
- Approved by **PCI**
- **NIRF - 98th Rank** Institute
- **GSIRF - 5 Star** Category Institute
- **Scholarship** Available
- **Full Fees Waiver** for **Top 5 GPAT** **Qualified** Students admitted at institute

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www.charusat.ac.in/rpcp

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Key Features of Program:

- Faculty members with research experience in speciality areas of pharmacology and toxicology
- Comprehensive M. Pharm. (Pharmacology) program designed with a blend of academic excellence, research focus, and industry orientation.
- Curriculum aligned with current industry standards, regulatory expectations, and emerging drug development and safety trends.
- Focus on *in vivo* and *in vitro* pharmacology experiments along with research on zebrafish, systemic biology, molecular & *in silico* pharmacology, clinical studies, and pharmacovigilance.
- Active research collaborations.
- Highly qualified faculty with rich academic and industry experience.



Research Areas:

Research on molecular signaling pathways of various diseases like cancers (breast cancer, colorectal cancer, ovarian cancer, prostate cancer, etc.), testicular dysfunctions, cardiovascular, metabolic, and endocrinal diseases, respiratory diseases, neuroinflammatory states like Alzheimer's and Parkinson's diseases, inflammatory bowel diseases, evaluation of environmental toxicants as per OECD guidelines, various toxicity studies on rats and zebrafish model and many more.



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Facilities

- Dedicated Pharmacology Research Laboratory equipped for postgraduate and doctoral research.
- Animal House Facility approved by the CCSEA, Government of India
- Well-maintained cell culture laboratories, instrumentation laboratories, and clinical pharmacology setups.
- AC classrooms, high-speed internet, and access to scientific databases and journals and other e-resources.
- On-campus central instrumentation facility for interdisciplinary research support

Student Supports at RPCP – CHARUSAT



- Access to national and international conferences, workshops, and seminars.
- Well-stocked central library with books, journals, e-resources, and thesis/dissertations archive.
- Financial assistance through fellowships and research grants.
- Opportunities to publish research in peer-reviewed journals and participate in interdisciplinary projects.
- Safe and vibrant hostel facilities, a sports complex, a gymnasium, and a cafeteria on campus.
- Active student associations, professional clubs, and mentoring support.



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Instruments/Laboratory Available:

Cell Culture Laboratory

ELISA Plate Reader

Dissection Microscope

Biochemical Analyser

Veterinary Haematology Analyser

Cooling Centrifuge

Elevated Plus Maze

Muscle Grip Strength Apparatus

Electroconvulsimeter

Rotarod Apparatus

Zebrafish Facility

Fluorescent Microscope

Software-based Simulation Tools

BIOPAC advance, Ex-Pharma, Virtual Labs

Organ-bath Assembly

Egg Incubator

Morris Water Maze Apparatus

Plethysmometer

Actophotometer

Analgesiometer



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Our Recruiters

