

# CENTRE FOR ADVANCEMENT IN HEALTH SCIENCES

## M.S. in Pharmacology

Pharmacology is the study of the effects of drugs and chemicals on living organisms. Modern pharmacology is inherently interdisciplinary. It builds on the strengths of biochemistry, physiology, cell biology, and molecular biology to explore and understand these effects.

Our innovative program provides a comprehensive introduction to a broad range of concepts that comprise pharmacology and toxicology. Our program focuses mainly on the industry needs. There are a wide range of career opportunities in the pharmaceutical industry, particularly the areas of research and development, labs, CRO's and university research laboratories. The program prepares students for careers in industry, government, or for further education.

### PROGRAM CURRICULUM

The 38-credit program includes 28 credits in required courses, and 10 thesis credits. The thesis requires a working on a research project, and from this work the student is required to submit a final written scientific report to the faculty committee. In a final oral examination, the thesis project is presented and defended. The thesis committee consists of at least three graduate faculty members.

- PHAR 001 Perspectives in Pharmacology / Toxicology (1 credits)
- PHAR 002 Contemporary Research in Pharmacology / Toxicology (1 credit)
- PHAR 003 Principles and Methods of Toxicology (3 credits)
- PHAR 004 Principles of Pharmacology (3 credits)
- PHAR 005 Principles of Therapeutics (3 credits)
- PHAR 006 Biostatistics (3 credits)
- PHAR 007 Design & Analysis of Biomedical Experiments (4 credits)
- PHAR 008 General Biochemistry (3 credit)
- PHAR 009 Principles of Molecular Biology (3 credits)
- PHAR 010 Seminar each semester (4 Credits)
- PHAR 011 Thesis research (10 credit)

### COMMENCEMENT OF PROGRAM

January

### APPLICATION DEADLINE

November

### CONTACT NUMBER

Dr. Vaidehi: +919820345616, Ms. Rajashree: +919860697268

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## M.S. in Pharmacology

Please fill in all the details.  
All entries should be made in CAPITALS.

**For Office Use Only :**

Application Number: \_\_\_\_\_  
Application received on: \_\_\_\_\_  
Enrolment number: \_\_\_\_\_

Paste your self  
Attested  
Photograph here

- Full name of the Candidate: \_\_\_\_\_
- Date of Birth: \_\_\_\_\_ Email: \_\_\_\_\_
- Address: \_\_\_\_\_  
\_\_\_\_\_
- Telephone Residence: \_\_\_\_\_ Mobile \_\_\_\_\_
- Academic Qualifications ( After 10 + 2 )

Examination Passed	University / College	Year	Class / Percentage

**Payment Details : Demand Draft No.:** \_\_\_\_\_ **Date:** \_\_\_\_\_

Drawn on (Bank) \_\_\_\_\_ for  
Rs. \_\_\_\_\_ (Bank draft must be drawn in favour of “Centre  
For Advancement In Health Sciences” payable at Mumbai. Candidate should write his/her name  
and address on the back of the demand draft)

Signature of the candidate: \_\_\_\_\_ Date: \_\_\_\_\_

**Enclosures: Demand Draft, 2 Photographs, Photocopy of last examination passed / degrees  
obtained.**

**Photocopy of this form can be used.**