

DEPARTMENT OF PHARMACOLOGY

About the Department

Department of Pharmacology in Annamacharya college of Pharmacy was established in 2011 and has been catering to the needs of undergraduate and postgraduate students. It is offering the master's program (M. Pharm) in Pharmacology since 2011. Pharmacology is the scientific discipline that studies about drug and their mechanisms by which they alter biological systems.

The main objective of the department is to prepare skilled graduates to meet the health care needs of the community and serve the pharmaceutical sectors by providing well-qualified professionals. Also, to conduct cutting-edge research to thrive in the academic and industrial sector in Pharmacological sciences to students of Bachelor of Pharmacy (B. Pharmacy) and Doctor of Pharmacy (Pharm.D.) programs and Master of Pharmacy (Pharmacology) programme.

Vision: To become an internationally recognised centre of excellence for pharmacological research and training.

Mission: Producing competent professionals and scientists who are able to apply their knowledge to drug discovery and development.

Key Features

- Well qualified and experienced faculties
- Finest infrastructure with sophisticated and well-equipped Laboratories
- Technical skill in instruments handling.
- Handling of animals like rat, mice, rabbits, route of drug administration to animals
- Designing of study protocol for animal study
- Student friendly environment in research
- Spacious, well-furnished and multi compartment animal house registered by CPCSEA Government of India

Thrust Area

Preclinical study of obesity, diabetes and other metabolic disorders.

Preclinical study of cardiovascular diseases & Neurological Disorders

Preclinical Toxicity studies includes systemic toxicity, mutagenicity, reproductive toxicity, carcinogenicity studies.

Pharmacological Screening of Drugs of Natural Origin.

Departmental facilities

Microplate Plate Reader (ELISA)

Gel electrophoresis

Digital Actophotometer

Digital Plethysmograph

Electro convulsimeter

Swimming test apparatus

Rotarod Apparatus

CPCSEA approved animal house

The department having a spacious, well-furnished and multi compartment animal house registered by CPCSEA Government of India. Animal house built as per CPCSEA guideline for housing small animal such as mice, rats, rabbit and guinea pig etc. for regular teaching to undergraduate, postgraduate studies and perform preclinical research. Institute have Institutional Animal Ethics Committee (IAEC) approved by CPCSEA (Reg No: 1220/PO/Re/S/08/CPCSEA&05/06/2008) for conducting animal-based research activities.

Job opportunities:

- Preclinical in-vitro/in-vivo Research
- Clinical Case Manager
- Clinical Case & Data Analyst
- Clinical Research Associate
- Scientific Communications
- Medical Writing
- Regulatory Prototyping
- Regulatory Specialist in Clinical Research/Healthcare/Consumer Products/Patient Services/Quality & Compliance
- Drug Safety Associate
- Pharmacovigilance
- Business Analyst
- Business Development Officer
- Academia

Further opportunities

- M.Pharm students can pursue PhD, both in India and abroad
- Junior research fellow [JRF] in Government of India funded and industrial projects



Microplate Reader



Gel Electrophoresis



Actiphotometer



Digital Plethesometer



Electro Convulsio meter



Swimming Test Apparatus



Pharmacology PG Lab



Centrifuge



Animal House



Animal House



Digital Rotating Drum