



MAR DIOSCORUS COLLEGE OF PHARMACY

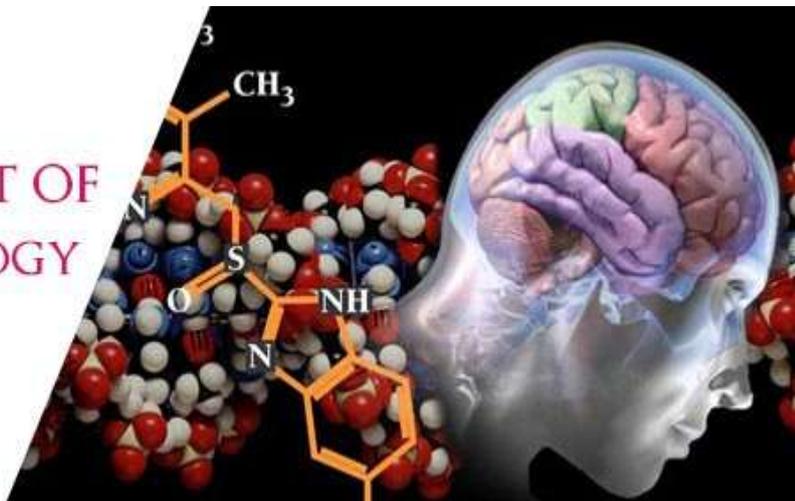
(Owned & Managed by the Charitable & Educational Society of the Thiruvananthapuram Orthodox Diocese Reg. No. 977/91)

Hermongiri Vidyapeetam, Alathara, Sreekariyam

Thiruvananthapuram - 695 017, Kerala, India.

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DEPARTMENT OF PHARMACOLOGY



The Department of Pharmacology is one of the core departments of the Pharmacy programme, focusing on the study of drugs, their mechanisms of action, therapeutic uses, adverse effects, and toxicological profiles. The department aims to develop competent pharmacy graduates with strong knowledge in drug actions, rational drug use, patient safety, and regulatory guidelines.

The department supports D. Pharm, B. Pharm, Pharm D programmes by providing high-quality teaching, hands-on laboratory training, demonstrations, animal simulation experiments, and research exposure.

Pharmacology is the study of how chemical agents, both natural and synthetic (i.e., drugs) affect biological systems. Pharmacological studies can determine the effects of chemical agents upon subcellular, systemic, physiological or behavioural processes; focus on the treatment and prevention of diseases; or deal with the potential hazards of pesticides and herbicides.

Pharmacology is exciting because, it needs application of knowledge of many other subjects such as anatomy, physiology and biochemistry and make

student truly understand what happens when a drug enters the body and what exactly the drug does to all the different systems within the body.

POLICY

The Department of Pharmacology is committed to providing quality, outcome-based education in line with regulatory requirements. The department promotes ethical teaching, research, and professional conduct while encouraging faculty development and continuous improvement. A student-friendly learning environment is maintained to support all learners, with fair and transparent assessment practices. The department actively engages in community service, pharmacovigilance, and programs promoting rational use of medicines.

VISION

To become a centre of excellence in pharmacology education and research, producing ethical and socially responsible pharmacy professionals.

MISSION

- To deliver quality education using effective teaching–learning methods.
- To promote research addressing healthcare needs.
- To develop critical thinking, ethical values, and lifelong learning.
- To support community health through pharmacovigilance and rational drug use activities.

DEPARTMENTAL OBJECTIVES

1. To provide clear understanding of drug actions and their effects in the body.
2. To develop skills in solving drug therapy–related problems and managing adverse drug reactions.
3. To train students in experimental and ethical pharmacology practices.
4. To impart knowledge of clinical pharmacology and evidence-based treatment.
5. To build competency in pharmacovigilance, drug safety, and regulations.
6. To encourage student participation in seminars, projects, and research.
7. To prepare students for careers in pharmacy practice, research, and regulatory fields.

LIST OF FACULTIES



Dr. Preeja G Pillai, M Pharm, Ph.D

Principal & Professor



Prof. Dr. Joyamma Varkey

M.Pharm, Ph.D

Head of Department



Mrs. Simi. S.M

M.Pharm

Associate Professor



Mrs. Elizabeth M Abraham
M.Pharm
Associate Professor



Mrs. Revathy Sivan
M.Pharm
Assistant Professor



Mrs. Vyshna S Ajith
M.Pharm
Assistant Professor



Ms. Vishnu Priya. B
M.Pharm
Assistant Professor



Dr. Karthika Lal. B
B Pharm, *Pharm.D(PB)*
Assistant Professor



Mrs. Shamna A.N
B.Pharm
Lecturer

Laboratory Facilities

- Pharmacology Lab – UG
- Simulation software (Ex-Pharm / X-Pharm / Virtual animal experiments)
- Instruments: Rotarod, Analgesiometer, Actophotometer, Plethysmometer, Spirometer, Organ Bath (simulation), etc.
- Charts, models, microscopes, histology slides

Computer systems for learning pharmacovigilance, ADR