



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 PHARMACOGNOSY



The **Department of Pharmacognosy** is dedicated to the study of medicinal plants, natural products, and phytochemical drug development. It integrates traditional knowledge with modern scientific approaches to explore the therapeutic potential of natural sources. The department equips students with skills in plant identification, extraction, isolation, standardization, herbal formulation, and quality control of crude drugs.

The department supports D. Pharm, B. Pharm, Pharm D programmes and plays an important role in strengthening the understanding of natural product chemistry, herbal drug technology, and pharmacogenetic evaluation.

.POLICY

Pharmacognosy is an important branch of Pharmacy that deals with drugs obtained from natural sources such as plants, animals, minerals, marine organisms, and microorganisms. The Department of Pharmacognosy at Mar

Dioscorus College of Pharmacy is well equipped with modern instruments and supported by dedicated faculty.

The department focuses on teaching and research in natural products, including extraction, isolation, screening, and evaluation of phytoconstituents, along with studies in ethnomedicine. The department has a well-maintained medicinal garden with over 250 medicinal plants, a herbal drug museum, and a herbarium with more than 100 specimens. Academic and research activities aim to develop student expertise in identification, analysis, and therapeutic use of natural products.

VISION

To become a centre of excellence in natural product research and education, contributing to sustainable and quality herbal medicines.

MISSION

- To provide quality education in pharmacognosy and natural product sciences.
- To promote ethical research in phytochemical and herbal drug development.
- To support industry and society through standardization and consultancy services.

DEPARTMENTAL OBJECTIVES

- To impart knowledge of crude drug identification and evaluation.
- To train students in extraction, isolation, and analysis of phytochemicals.
- To encourage research in herbal drug development and quality control.
- To develop skills in microscopy and analytical techniques.
- To prepare students for careers in herbal industry, research, regulatory bodies, and academia.

- To inculcate interest in ethnobotany, traditional medicine, and natural product research.
- To prepare students for employment in herbal industries, research labs, regulatory bodies, and academia.

LIST OF FACULTIES



Prof. Dr. Sindhu Jose
M.Pharm, Ph.D
Head of Department



Mr. DibinLal D
M.Pharm
Associate Professor



Mrs. Anitha.P.A
M.Pharm
Assitant Professor



Mr. Sreenath.R
M.Pharm
Assitant Professor



Mrs. Saranya S.P
M.Pharm
Assistant Professor

Laboratory Facilities

Pharmacognosy Laboratory

- Plant specimen & herbarium preparation area
- Powder microscopy & crude drug identification setup
- Soxhlet extraction unit
- Clevenger apparatus
- Hot air oven, water bath, muffle furnace
- TLC chamber & UV cabinet
- Microscopes (simple, compound, projection)
- Analytical balances
- Maceration and percolation equipment

Herbal Garden

- Collection of medicinal plants for hands-on training