



# 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.

Email : gabrielmargregorios@gmail.com



# Pharmaceutics

## **POLICY**

Pharmaceutics is a core area of Pharmacy that deals with the design, development, manufacturing, and evaluation of medicines. The Department of Pharmaceutics at Mar Dioscorus College of Pharmacy has well-equipped laboratories, modern instruments, and experienced faculty to support effective teaching and research.

The department provides undergraduate, postgraduate, and research training in formulation science, drug delivery systems, and industrial pharmacy, with a focus on innovation, quality, and patient-friendly dosage forms in line with academic and industry needs.

## **VISION**

To emerge as a centre of excellence in pharmaceutical formulation, drug delivery research, and industrial pharmacy education.

## **MISSION**

- To deliver quality education in formulation development and drug delivery systems.
- To promote research, innovation, and industry-oriented skills.
- To provide hands-on training in modern instrumentation and GMP.
- To instill ethical values, professionalism, and lifelong learning.
- To strengthen academia–industry interaction through training and collaboration.

## **DEPARTMENTAL OBJECTIVES**

- To impart comprehensive knowledge of formulation science and drug delivery technologies.
- To develop practical skills in manufacturing, evaluation, and regulatory practices.
- To encourage research in novel drug delivery systems including nanotechnology and advanced therapeutics.
- 
- **Dr**To prepare students for careers in pharmaceutical industry, research, and academia.
- To enhance critical thinking, problem-solving, and innovation in pharmaceutical technology.



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## DEPARTMENT OF PHARMACEUTICS

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## LIST OF FACULTIES





**Mrs. Lekshmi M.S Panicker**  
*M.Pharm*  
*Associate Professor*



**Mrs. Praveena M.V**  
*M.Pharm*  
*Assistant professor*



**Mrs. Subhi S.S**  
*M.Pharm*  
*Assistant professor*



**Mrs. Anju.V.S**  
*M.Pharm*  
*Assistant professor*



**Mrs. Anjitha S.S**  
*M.Pharm*  
*Assistant professor*



**Mrs. Gouri Jayachandran. M**  
*M.Pharm*  
*Assistant professor*



**Mrs. Shabana Sulthana J.L**  
*M.Pharm*  
*Assistant professor*



**Mrs. Remya Chandran R.R**  
*M.Pharm*  
*Assistant Professor*



**Mrs. Jerin Annie Thomas**  
*M.Pharm*  
Assistant Professor



**Sist. Stelly Joy**  
*B.Pharm*  
Lecturer

## **Laboratory Facilities**

- Pharmaceutics Laboratory I (Pharmaceutics I & Physical Pharmaceutics I& II)
- Pharmaceutics Laboratory II (Pharmaceutical Engineering & Formulative Pharmacy )
- Pharmaceutical Microbiology & Biotechnology Lab
- Pharmaceutics Lab- D.Pharm
- Pharmaceutics Lab- M.Pharm
- Research Lab

## **Major Instruments Include:**

- Tablet punching machine
- Dissolution apparatus
- Friability tester
- Hardness tester
- UV-Visible spectrophotometer
- Hot air oven
- Brookfield viscometer
- Laminar air flow
- Capsule filling machine
- Sonicator,
- Colony counter
- High-speed homogenizer
- Mechanical stirrers & agitators
- Orbital shaker incubator
- Autoclave

- Ampoule washing machine & Ampoule filling machine
- Distillation apparatus
- Ball mill
- Bulk density apparatus
- Andreasen apparatus
- Stability chamber

**Software Available :** Design-Expert Software for design of experiments

Pharmaceutics department conducts Academic & Learning activities like Seminars, Journal clubs, Hands on training sessions and Research & Innovation activities.

## LIST OF FACULTIES



**Dr. Sheri. P.S**  
*M.Pharm, Ph.D*  
Professor & Head of Department



**Dr. Ganesh Sanker S**  
*M.Pharm, Ph.D*  
Professor



**Mrs. Anupama Jayaraj**  
M.Pharm  
Associate Professor



**Mrs. Lekshmi M.S Panicker**  
*M.Pharm*  
*Associate Professor*



**Mrs. Praveena M.V**  
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*Assistant professor*



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