



# MAR DIOSCORUS COLLEGE OF PHARMACY

**Affiliated to Kerala University of Health Sciences  
Approved by Government of Kerala, Pharmacy Council of India  
& Directorate of Medical Education**

Hermongirividyaapeetam, Alathara, Sreekariyam P.O., Thiruvananthapuram - 695 017

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Owned & Managed by

The Charitable and Educational Society of the Thiruvananthapuram  
Orthodox Diocese (Reg.No.977/91)

Orthodox Church Centre, Ulloor, Medical Collge P.O.

Thiruvananthapuram 695 011

Phone : +91 471 2552509



# MANAGEMENT

The Malankara Orthodox Syrian Church was established in AD 52 by St. Thomas, the Apostle of Jesus Christ. The Church has always been in the forefront of education. The first school in Kerala for English education was established in the Old Seminary of the Church at Kottayam. The Church now manages many educational institutions of academic excellence all over India which include Medical Colleges, Civil Service Academy, Engineering Colleges, Arts & Science Colleges, Technical Training Institutions, Paramedical Educational Institutions, Higher Secondary Schools, High Schools, Primary Schools, Special Schools for Handicapped and Disabled etc.

The Charitable and Educational Society of the Thiruvananthapuram Orthodox Diocese was established in 1991 for the purpose of starting and managing institutions for higher education. The Society is sponsored by Thiruvananthapuram Diocese of Malankara Orthodox Syrian Church.

H. H. Moran Mar Baselios Marthoma Mathews III, the present Primate of the Church, is the Patron of the Society. The Metropolitan of the Diocese of Thiruvananthapuram is the ex-officio President and Treasurer. The College is named in the memory of H.G. Geevarghese Mar Dioscorus, the founder President of the Society.

H.G. Dr. Gabriel Mar Gregorios, Metropolitan of the Diocese of Thiruvananthapuram, is the present President and Treasurer of the Society and Manager of the College. The Society has nearly 200 members comprising of Malankara Orthodox Syrian Church members and institutions. The Society is managed by the Executive Committee comprising of able spiritual leaders, administrators, academicians, professionals, entrepreneurs etc..

## VISION

- To establish a centre of excellence in education and research in Pharmaceutical Sciences.
- To encourage high quality research in emerging areas of Pharmaceutical Sciences.
- To create linkage with internationally renowned institutions in India and abroad.

## MISSION

- To empower students with quality education in Pharmaceutical Sciences.
- To produce competent and socially committed pharmacy professionals who can make a positive impact in pharmacy practice, pharmaceutical industry and healthcare needs of the society.

# PROGRAMMES OFFERED

## I. D Pharm (Diploma in Pharmacy)

**Number of Seats :** 60 (Sixty per year)

**Course Duration :** 2 academic years

**Eligibility for Admission :** Pass in Higher Secondary/VHSE or equivalent examination with an aggregate of 45% marks in Physics, Chemistry and Mathematics/Biology.

**Course Progression :**

As per syllabus Education Regulation 2020 prescribed by Pharmacy Council of India and the examining authority D. Pharm Board of Examinations, Directorate of Medical Education, Govt. of Kerala, with not less than 180 working days in each academic year and not less than 3 hours for theory and 3 hours for practical classes on each working day.

## COURSE CONTENTS **D. Pharm (Diploma in Pharmacy)**

### Diploma in Pharmacy (Part - I) Subjects

- 1 Pharmaceutics
- 2 Pharmaceutical Chemistry
- 3 Pharmacognosy,
- 4 Human Anatomy & Physiology
- 5 Social Pharmacy

### Diploma in Pharmacy (Part - II) Subjects

- 1 Pharmacology
- 2 Community Pharmacy & Management
- 3 Biochemistry & Clinical Pathology
- 4 Pharmacotherapeutics
- 5 Hospital & Clinical Pharmacy
- 6 Pharmacy Law & Ethics

## **II. B Pharm (Bachelor of Pharmacy)**

**Number of Seats :** 100(hundred per year).

**Course Duration :** Four academic years divided into eight semesters .

**Eligibility for Admission :** Pass in Higher Secondary/ VHSE or equivalent examination with an aggregate of 50% marks in Physics, Chemistry and Mathematics /Biology.

**Course Progression :** As per syllabus prescribed by Pharmacy Council of India and with examining authority, Kerala University of Health Sciences, Thrissur, with not less than 200 working days in each academic semester and not less than 3 hours for theory and 4 hours for practical classes on each working day and a minimum of 80% attendance in theory and practical classes separately.

**Lateral Entry to B. Pharm in the Second Year (Admission directly into Third Semester B. Pharm)**

**Course Duration:** Three academic years divided into six semesters.

**Eligibility for Admission :** Pass in D. Pharm (under Education Regulations 1991 of Pharmacy Council of India) from an institution approved by Pharmacy Council of India and examination conducted by the Kerala State Board of D Pharm Examinations or equivalent with a minimum of 50% marks in the final year examinations.

Candidates should have obtained registration with State

Pharmacy Council and the registration certificate is to be produced at the time of counseling or candidates should have applied for registration with State Pharmacy Council and the proof thereof is to be produced at the time of counseling.

**Course Progression :** As per syllabus prescribed by Pharmacy Council of India and with examining authority, Kerala University of Health Sciences, Thrissur, with not less than 200 working days in each academic semester and not less than 3 hours for theory and 4 hours for practical classes on each working day and a minimum of 80% attendance in theory and practical classes separately.

## COURSE CONTENTS **B Pharm (Bachelor of Pharmacy)**

### First Semester

#### Subjects

- 1 Human Anatomy and Physiology I
- 2 Pharmaceutical Analysis I
- 3 Pharmaceutics-I
- 4 Pharmaceutical Inorganic Chemistry
- 5 Communication Skills
- 6 Remedial Biology
- 7 Remedial Mathematics

### Second Semester

#### Subjects

- 1 Human Anatomy Physiology II
- 2 Pharmaceutical Organic Chemistry I
- 3 Biochemistry
- 4 Pathophysiology
- 5 Computer Applications in Pharmacy
- 6 Environmental Sciences

### Third Semester

#### Subjects

- 1 Pharmaceutical Organic Chemistry -II
- 2 Physical Pharmaceutics I
- 3 Pharmaceutical Microbiology
- 4 Pharmaceutical Engineering

### Fourth Semester

#### Subjects

- 1 Pharmaceutical Organic Chemistry III
- 2 Medicinal Chemistry I
- 3 Physical Pharmaceutics II
- 4 Pharmacology-I
- 5 Pharmacognosy and Phytochemistry I

### Fifth Semester Subjects

- 1 Medicinal Chemistry II
- 2 Formulative Pharmacy
- 3 Pharmacology II
- 4 Pharmacognosy and Phytochemistry II
- 5 Pharmaceutical Jurisprudence

### Sixth Semester Subjects

- 1 Medicinal Chemistry III
- 2 Pharmacology III
- 3 Herbal Drug Technology
- 4 Biopharmaceutics & Pharmacokinetics
- 5 Pharmaceutical Biotechnology
- 6 Quality Assurance

### Seventh Semester Subjects

- 1 Instrumental Method of Analysis
- 2 Industrial Pharmacy
- 3 Pharmacy Practice
- 4 Novel Drug Delivery System
- 5 Practice School

### Eighth Semester Subjects

- 1 Social and Preventive Pharmacy
- 2 Biostatistics & Research Methodology
- 3 Project work

**Elective - Theory**

- 1 Pharmaceutical Marketing
- 2 Pharmaceutical Regulatory Science
- 3 Pharmacovigilance
- 4 Quality Control and Standardization of Herbs
- 5 Computer Aided Drug Designing
- 6 Cell and Molecular Biology
- 7 Cosmetic Science
- 8 Experimental Pharmacology
- 9 Advanced Instrumentation Techniques

## III. Pharm D (Doctor of Pharmacy)

**Number of Seats:** 30(Thirty per year)

**Course Duration:** 6 academic years, five years of study and one year of internship or residency) full time.

**Eligibility for Admission:** 1) 10+2 examination with Physics and Chemistry as compulsory subjects along with one of the following subjects: Mathematics or Biology (2) A pass in D.Pharm course from an institution approved by the Pharmacy Council of India under section 12 of the Pharmacy Act (3) Any other qualification approved by the Pharmacy Council of India as equivalent to any of the

above examinations, provided that a student should complete the age of 17 years on or before 31st December of the year of admission to the course.

**Course Progression :** As per syllabus prescribed by Pharmacy Council of India and with examining authority, Kerala University of Health Sciences, Thrissur, with each academic year spread over a period of not less than 200 working days. The period of six years duration is divided into two phases: Phase I—consisting of first, second, third, fourth and the fifth academic year and Phase II—consisting of internship or residency training during the sixth year involving posting in speciality units with a minimum 80% attendance in theory and practical classes separately.

## COURSE CONTENTS

### Pharm D (Doctor of Pharmacy)

#### First Year

##### Subjects

- 1 Human Anatomy and Physiology
- 2 Pharmaceutics
- 3 Medicinal Biochemistry
- 4 Pharmaceutical Organic Chemistry
- 5 Pharmaceutical Inorganic Chemistry
- 6 Remedial Mathematics/Biology.

#### Second Year

##### Subjects

- 1 Pathophysiology
- 2 Pharmaceutical Microbiology
- 3 Pharmacognosy and Phytopharmaceuticals
- 4 Pharmacology-I
- 5 Community Pharmacy
- 6 Pharmacotherapeutics- I

#### Third Year

##### Subjects

- 1 Pharmacology –II
- 2 Pharmaceutical Analysis
- 3 Pharmacotherapeutics –II
- 4 Pharmaceutical Jurisprudence
- 5 Medicinal Chemistry
- 6 Pharmaceutical Formulations

#### Fourth Year

##### Subjects

- 1 Pharmaco therapeutics-III
- 2 Hospital Pharmacy
- 3 Clinical Pharmacy
- 4 Biostatistics & Research Methodology
- 5 Biopharmaceutics & Pharmacokinetics
- 6 Clinical Toxicology

### **Fifth Year Subjects**

- 1 Clinical Research
- 2 Pharmacoepidemiology and Pharmacoeconomics
- 3 Clinical Pharmacokinetics & Pharmacotherapeutic Drug Monitoring
- 4 Clerkship
- 5 Project work

### **Sixth Year Internship**

Internship or residency training including postings in speciality units. Student should independently provide the clinical pharmacy services to the hospital wards concerned.

- (i) Six months in General Medicine department, and
- (ii) Two months each in three other speciality departments

## **IV. M Pharm (Master of Pharmacy In Pharmaceutics)**

**Number of Seats :** 15 (Fifteen per year)

**Course Duration:** Two academic years.

**Eligibility for Admission :** B Pharm degree from an Indian Institution approved by PCI and KUHS with a CGPA of not less than 5.50 (aggregate of 3rd semester to 8th semester) or not less than 55% of maximum marks (aggregate of 2nd, 3rd and 4th year B Pharm).

**Course Progression :** As per syllabus prescribed by Pharmacy Council of India and with examining authority, Kerala University of Health Sciences, Thrissur.

### **COURSE CONTENTS M Pharm (Pharmaceutics)**

#### **Semester I Subjects**

- 1 Modern Pharmaceutical Analytical Techniques
- 2 Drug Delivery Systems
- 3 Modern Pharmaceutics
- 4 Regulatory Affairs
- 5 Pharmaceutics Practical I

#### **Semester II Subjects**

- 1 Molecular Pharmaceutics (Nano Tech and Targeted DDS)
- 2 Advanced Biopharmaceutics & Pharmacokinetics
- 3 Computer Aided Drug Development
- 4 Cosmetics and Cosmeceuticals
- 5 Pharmaceutics Practical II

### **Semester III Subjects**

- 1 Research Methodology and Biostatistics
- 2 Journal Club
- 3 Discussion / Presentation (Proposal presentation)
- 4 Research Work

### **Semester IV Subjects**

- 1 Journal Club
- 2 Presubmission Discussion/Presentation
- 3 Research Work

## **Infrastructure**

### **STAFF**

The College has an excellent team of academic, technical and administrative staff. The Principal and the teaching faculty are well experienced in teaching and guiding the students in various pharmacy subjects.

### **CLASS ROOMS**

The college provides spacious, well-ventilated, and modern classrooms designed to create a conducive learning environment. Each classroom is equipped with comfortable seating, adequate lighting, and audio-visual teaching aids to enhance the teaching-learning process.



### **LABORATORIES**

The college houses 18 fully equipped laboratories dedicated to Pharmaceutical Chemistry, Human Anatomy and Physiology, Pharmaceutical Analysis, Pharmacology,



Pharmacognosy, Pharmaceutics, and Computer Science. These laboratories are well-equipped with advanced instruments and devices to support both academic and research activities.



### LIBRARY

The college features a well-equipped library with a collection of over 10,000 volumes and a wide range of national and international journals covering all disciplines of pharmacy. The library is fully automated and provides advanced computational and reprographic services to support efficient documentation and seamless data retrieval.



### HOSTEL

Separate furnished hostel facilities for boys and girls.

### PLACEMENT

Placement cell of the college strives to secure proper placement of the students in close liaison with reputed pharmaceutical companies, hospitals and research laboratories.

### TRANSPORTATION

Transportation facilities are provided by the College for the convenience of the students on nominal payment.



### LOCATION

Mar Dioscorus College of Pharmacy is located at Hermongiri Vidyapeetam, Alathara, Sreekariyam, Thiruvanantha puram - just 1.5 km from Govt. College of Engineering, Sreekariyam, 6 kms from Govt. Medical College and 7 kms from Kesevada sapuram Junction, the meeting point of NH 47 and MC Road. The five-acre campus is of remarkable scenic beauty and serene environment. Moreover, the College has a unique distinction of being the only Pharmacy College in private sector offering Pharmacy programs within the Corporation of Thiruvananthapuram.

## **FEE FOR B. PHARM COURSE**

Particulars	Fee for 1st year	2nd year	3rd Year	4th Year
Tuition fees	1,08,827/-	1,08,827/-	1,08,827/-	1,08,827/-
Special fees	41,760/-	29,160/-	29,160/-	41,760/-
<b>Total</b>	<b>Rs.1,50,587/-</b>	<b>Rs.1,37,987/-</b>	<b>Rs.1,37,987/-</b>	<b>Rs.1,50,587/-</b>

**Note :-** Yearly Hostel, Transportation, Examination fees and Uniform, Books, University Registration (1st year only) fees extra. Fee for first year includes a refundable Caution Deposit of Rs.10,000/- (after completion of the course)

## **FEE FOR D. PHARM COURSE**

Particulars	Fee for 1st Year	2nd year
Tuition fees	44,419 /-	44,419/-
Special fee	8,332/-	2,221/-
<b>Total</b>	<b>Rs.52,751/-</b>	<b>Rs.46,640/-</b>

Note :- Yearly Hostel, Transportation, Examination fees and Uniform, Books, DME Registration (1st year only) fees extra. Fee for first year includes a refundable Caution Deposit of Rs.5,000/- (after completion of the course

## **FEE FOR M. PHARM COURSE**

Particulars	Fee for 1st Year	2nd year
Tuition fees	1,98,776/-	1,98,776 /-
Special fee	57,745/-	45,145 /-
Total	Rs.2,56,521/-	Rs.2,43,921/-

\*Excluding yearly Hostel, Transportation, Uniform, Books, University Registration (1st year only) & Examination fees extra. Fee for first year includes a refundable Caution Deposit of Rs.20,000/- (after completion of the course)

## **FEE FOR PHARM.D COURSE**

# DEPARTMENT OF PHARMACEUTICS



**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**

*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. Jirin Annie Thomas**

*M.Pharm  
Assistant Professor*



**Sist. Stelly Joy**

*B.Pharm  
Lecturer*

# DEPARTMENT OF PHARMACOLOGY



**Prof. Dr. Preeja G Pillai**  
*M.Pharm, Ph.D*  
Principal



**Prof. Dr. Joyamma Varkey**  
*M.Pharm, Ph.D*  
Head of Department



**Dr. Sinchu Yesudanam**  
*M.Pharm, Ph.D*  
Professor



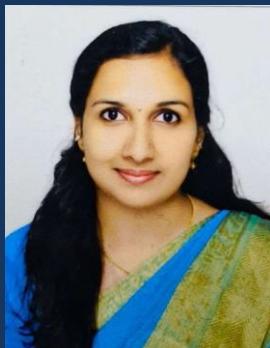
**Mrs. Simi. S.M**  
*M.Pharm*  
Associate Professor



**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



**Mrs. Shamna A.N**  
*B.Pharm*  
Lecturer

# DEPARTMENT OF PHARMACEUTICAL CHEMISTRY



**Prof. Rachel Mathew**  
*M.Pharm*  
Vice Principal & Head of Department



**Dr. Sreeja.S M.**  
*Pharm, Ph.D*  
Professor



**Mrs. Annama Baby**  
*M.Pharm*  
Associate professor



**Mrs. Vani.V**  
*M.Pharm* Associate professor



**Mrs. Lakshmi Gopal.R**  
*M. Pharm*  
Associate Professor



**Mrs. Rose Mary Joseph**  
*M.Pharm*  
Associate Professor



**Mrs. Anjana V.S**  
*M.Pharm*  
Assistant Professor



**Ms. Seetal**  
*M.Pharm*  
Assistant Professor



**Mrs. Arya**  
*M.Pharm*  
Assistant Professor



**Mrs.Riswana R**  
*M Pharm*  
Assistant Professor



**Ms. Lekshmi Priya**  
*B.Pharm*  
Lecturer

## DEPARTMENT OF PHARMACOGNOSY



**Prof. Dr. Sindhu Jose**

*M.Pharm, Ph.D*

Head of Department



**Mr. Dibin Lal B**

*M.Pharm*

Associate Professor



**Mrs. Saranya S.P**

*M.Pharm*

Assistant Professor



**Mr. Sreenath.R**

*M.Pharm*

Assistant Professor



**Mrs. Anitha.P.A**

*M.Pharm*

Assistant Professor

## DEPARTMENT OF PHARMACY PRACTICE



**Mrs. Rekha M.V**

*M.Pharm*

Associate Professor & Head of Department



**Mrs. Ansu Sarah Koruthu**

*M. Pharm*

Associate Professor



**Mrs. Christeenam Mariam**

**Thomas**

*M. Pharm*

Assistant Professor



**Dr. Josann Mundiyankal**

*Pharm.D*

Assistant Professor



**Dr. Karthika Lal. B**

*PharmD(PB)*

Assistant Professor



**Dr. Anna John Viany**

*Pharm. D*

Assistant Professor