

**Prospectus for admission to
Two Year Diploma Courses in
Allied Health Sciences**

**Courses Affiliated to
the Directorate of Medical Education, Kerala Government**

**PUSHPAGIRI INSTITUTE OF MEDICAL SCIENCES & RESEARCH CENTRE
(ALLIED HEALTH SCIENCES)
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The Catholic Church has been engaged in the ministry of healing all over the world for the past two thousand years. The Founders of Pushpagiri at Tiruvalla, Kerala, India were also driven by the same mission. What started as a small clinic with eight beds in 1959 to cater to rural maternity care has now grown into a full-fledged 900 bed hi-tech super-specialty Medical College Hospital.

Across a span of 60 years, Pushpagiri has travelled forward with a renewed understanding and vision – “We Care God Cures” which proclaims the faith of taking upon each other’s burdens and humility before the divine providence from where all cure and healing happens.

Pushpagiri is known not only for its world class medical facilities and Christian service, but also for the numerous medical and paramedical teaching institutions like the Pushpagiri Institute of Medical Sciences & Research Centre, Pushpagiri College of Dental Sciences, Pushpagiri College of Pharmacy, Pushpagiri College of Nursing, Pushpagiri Institute of Allied Health Sciences, Pushpagiri Centre for CGFNS & IELTS Training, Pushpagiri Research Centre and Pushpagiri Centre for Virology.

MANAGEMENT

Pushpagiri Institutions are managed by Pushpagiri Medical Society – the official organ of the Catholic Archdiocese of Tiruvalla for health care, medical education and medical research. The Society was registered in 1992 (Reg. No. P.73/92). The Patron of the Society is His Grace Dr. Thomas Mar Koorilos, Archbishop of Tiruvalla. The Society is governed by a seven members Governing Body including the Secretary of the Society who is also the Chief Executive Officer of Pushpagiri Group of Institutions. Pushpagiri Institutions are embarking upon new vistas of medical services, education and research. Pushpagiri College of Allied Health Sciences was established in the year 2008. Since 2023 the Allied Health Science Courses is under the administration of Pushpagiri Institute of Medical Sciences & Research Centre. The institution is a Christian minority Institution.

INTRODUCTION

This institution provides the following allied health Science diploma courses affiliated to Directorate of Medical Education, Government of Kerala.

1. Dialysis Technology (DDT)
2. Diploma in Operation Theatre & Anaesthesia Technology (DOTAT)
3. Diploma in Medical Laboratory Technology (DMLT)
4. Diploma in Cardio Vascular Technology (DCVT)
5. Diploma in Central Sterile Supply Department Technology (DCSST)
6. Diploma in Respiratory Technology (D. RespT)
7. Diploma in Ophthalmic Assistant (DOA)
8. Diploma in Endoscopic Technology (DET)
9. Diploma in Radiological Technology (DRT)

The students will undergo training and education in the concerned departments of Pushpagiri Medical College Hospital by the faculty members having expertise in their fields

DIRECTORATE OF MEDICAL EDUCATION (DME)

The Directorate of Medical Education was established in 1983 with the Late Dr. C.V. Korah as the first Director of Medical Education of the State. The Department of Medical Education plays a pivotal role in developing medical and para-medical personnel to cater to the health needs of the State. The department also has a role to play in establishment and maintenance of well-equipped teaching institutions, which are the premier referral centres with state of the art equipment and technology. Research is another area of activity for Medical Education Department.

CRITERIA FOR ADMISSION

The Diploma courses under the supervision of Directorate of Medical Education, the 50% of the seat will be from the merit list to be prepared by the Director of Medical Education/ Director, LBS Centre for Science and Technology and 50% of seats shall be Management seats in which two seats are reserved for applicants from Malankara Catholic Community. Admissions to the course are regulated on the basis of merit as assessed in the rank list prepared based on interview and the marks obtained in the qualifying examination(s). This Prospectus is subject to modification as may be deemed necessary by the Management on par with the rules and regulations of the Government.

ELIGIBILITY FOR ADMISSION

Academic:

- a. Candidates who have passed Higher Secondary examination of the Board of Higher Secondary Education, Kerala, or examinations recognized equivalent thereto, with 40% marks in Physics, Chemistry and Biology put together, are eligible. Relaxation of 5% marks will be allowed to SC/ST candidates.
- b. Candidates who have passed VHSE with 40% marks put together for Physics, Chemistry and Biology are eligible. Relaxation of 5% marks will be allowed to SC/ST candidates.

Age: Except for service candidates, all other applicants shall have completed 17 years of age on the date of notification and there is no upper age limit.

HOW TO APPLY

Applications for admission of the management seats can be obtained from the website and office of the Allied Health Sciences, Pushpagiri Medical College Hospital Thiruvalla. The application fee for the diploma courses is Rs. 500/-.

FEES

The first year fees should be paid at the time of admission and the second year fee should be paid at the end of one year as decided by the management in accordance with the Government Orders for the course.

DURATION OF COURSE AND OTHER DETAILS

• DIPLOMA IN DIALYSIS TECHNOLOGY (DDT)

The duration of the course shall be 2 years inclusive of one-year internship, that comprises of didactic course and training in various aspects of dialysis. At the end of first year there will be an examination consisting of two papers.

Papers are:

- Fundamentals of Nephrology and Dialysis Technology and Paper
- Recent advances in Nephrology and Dialysis Technology, with Written, Oral and Practical test.

A minimum of 50% marks in each of the subjects is required for a pass. On successful completion of the first year the candidate will undergo one-year training in the same institution. No stipend is payable.

• DIPLOMA IN OPERATION THEATRE & ANESTHESIA TECHNOLOGY (DOTAT)

Duration of the course shall be 2 years plus compulsory internship for six months.

Papers include

- Basic Science including Pharmacology
- Biomedical Equipments
- Operation Theatre Techniques.

Examination will be at the end of second year followed by internship for six months. A minimum of 50% marks in each of the subjects is required for a pass. Pass certificate will be issued only on successful completion of six months practical training. As part of the internship no stipend is payable.

• DIPLOMA IN MEDICAL LABORATORY TECHNOLOGY (DMLT)

Duration of the course is 2 years. The course consists of the following three papers.

- Biochemistry
- Histopathology, Blood Banking and Haematology, and
- Microbiology and Parasitology.

An examination will be conducted at the end of the course.

Papers are

- Biochemistry
- Microbiology & Parasitology
- Pathology, with written, viva and practical tests.

A minimum of 50% marks in each of the above three subjects is required for a pass.

- **DIPLOMA IN CARDIO VASCULAR TECHNOLOGY (DCVT)**

Duration of the course is 2 years. Papers are:

- Basic Sciences Anatomy & Physiology of Cardio Vascular System
- Applied Sciences Applied Physics & Electronic Principles and Practice of ECG, TMT, Holter Echocardiography and Cardiac Catheterization.

Examination will be at the end of second year with written, viva and practical tests.

- Paper I Basic Sciences,
- Paper II Applied Sciences.

A minimum of 50% marks in each of the subjects is required for a pass.

- **DIPLOMA IN CENTRAL STERILE SUPPLY DEPARTMENT TECHNOLOGY (DCSST)**

Duration of the course is 2 years. At the end of the first year there will be an examination consisting of 4 papers.

Paper I-Anatomy, Physiology and Pathology

Paper II Basic Microbiology

Paper III-Sterilization and Disinfection

Paper IV-Engineering Aspects, Inventory Management, CSSD Administration and Computer Fundamentals.

At the end II year there will be final examination consisting of 4 papers.

Paper I Processing of Medical devices,

Paper II-Health care associated infection & Infection control procedures.

Paper III-Quality Assurance in CSSD Process,

Paper IV-Packaging, storage and supply.

A minimum of 50% marks in each of the subject is required for a pass.

- **DIPLOMA IN RADIOLOGICAL TECHNOLOGY (DRT)**

2 years of academic period and clinical postings. Main Exams at the end of 1st year and 2nd year

DRT papers include:

- General physics, Radiation physics
- Anatomy
- Physiology
- Pathology
- Physics of medical imaging
- Radiation safety in radio diagnosis
- Radiography techniques
- Advanced medical imaging technology

- **DIPLOMA IN ENDOSCOPIC TECHNOLOGY (DET)**

2 years of academic period and clinical postings. Exam at the end of second year.

DET papers include:

- Anatomy
- Physiology
- Biochemistry
- Pharmacology
- Pathology
- Microbiology
- Physics
- Computer
- Diagnostic and therapeutic endoscopy
- Endoscope accessories, reprocessing and recent advances

- **DIPLOMA IN OPHTHALMIC ASSISTANCE (DOA)**

2 years of academic period.

- PAPER I- Basic Sciences in Ophthalmology and VISUAL OPTICS
- PAPER II- Optics and Refraction & Ophthalmic Equipments
- PAPER III - Health Education, Community Ophthalmology and Common Eye disorders.
- PAPER IV - balance-Surgic Ophthalmic techniques Optics and Refraction (Squint, muscle Instruments and theatre sterilization)- Glasses

- **DIPLOMA IN RESPIRATORY TECHNOLOGY (D. Resp)**

Two years of academic period with examinations conducted at the end of each academic year. The course duration is a total of two years, which includes both theoretical and practical training.

Papers are:

- Human anatomy,
- Physiology,
- Respiratory pathophysiology Pulmonary function testing,
- Clinical respiratory care Ventilator management.

IMPORTANT RULES AND REGULATIONS COMMON TO ALL COURSES

1. **Medical Examination:** Selected candidates must undergo a medical examination conducted by the training centre. Medically unfit candidates will not be allowed to continue the course. The admitted students should administer vaccinations as prescribed by the physicians.
2. **Signing of Declaration:** Students must sign a declaration that, they are willing to abide by the rules of the institution and the DME. It should be countersigned by the parent /guardian.
3. **Certificates Required from Candidates for Admission**
 - A birth certificate or a certificate as entered in the SSLC book or Tenth standard or its equivalent.
 - A character and conduct certificate from the head of the higher secondary school or the Principal of the college last attended.
 - Original mark sheets or grades of each examination passed.
 - Transfer certificate from the school or college last attended.

The selected candidates should surrender the above certificates while joining the course. These certificates may be returned to the candidates after completion of the course.
4. **Attendance:** Students are required to attend a minimum 80% of all theory and practical classes. They will not be allowed to appear for the final examination if attendance falls below 80%. They can appear for next supplementary examination after completing the required attendance percentage.
5. Students are not allowed to use mobile phones during working hours. Phones can be kept in the safe custody of the Department during working hours.
6. The students of all streams are permitted to attend classes of common/general interest (eg:- Basic Life Support, Computer awareness, English etc.) even if they are not included in the syllabus of the course.
7. Students should be in neat uniform within the campus and are not allowed to go outside the campus in college uniform.
8. Students are not allowed to avail leave without prior information. Leave letters are mandatory for all leave.
9. Students should obey the rules of Pushpagiri Hospital and Hostels (if they are staying in hostel).
10. Students should behave professionally in the hospital campus.
11. Students should maintain punctuality.
12. Students should maintain the clinical log book and other mandatory requirements.
13. Students should actively participate in college activities.