



# VG Institute of Paramedical Sciences

Mettupalayam Road, Coimbatore - 641 034. Ph: 0422 - 4226777

[www.vghospital.com](http://www.vghospital.com)



VG HOSPITAL



VG Institute of Paramedical Sciences

## PARENT HOSPITAL

VG Hospital is a 150 bedded multispecialty hospital committed to provide high quality, most advanced services with quality care, in tune with the healthcare needs of the people. Our institute is also making constant endeavors, to discover new horizons in the health care.

We are fully equipped with the most sophisticated operation theatres for surgical procedures specially for Laparoscopy, Gynaecology, Neurology, Urology, Orthopaedics, ENT.,



VG Institute of Paramedical Sciences Hostel

VG Institute of Paramedical Sciences is committed to promote high quality and academic programs, to involve persons, in a process of self-directed, lifelong learning which will free them to think clearly and creatively, to discover and to challenge or affirm cultural and aesthetic values, to respond reverently and sensitively to all, and to render competent and compassionate service in personal and professional life. Specifically, our unique mission is to facilitate the development of professionals who will promote society's health at the local, regional, national, and international levels.

Admission Contact: **98942 88514**

## COURSES OFFERED

### Diploma in General Nursing & Midwifery

Duration : 3 Years

Recognised by : Tamilnadu Nursing Council & Indian Nursing Council  
 Approved by : Tamilnadu Government  
 Eligibility : +2 Pass

- It deals with the education of nurses in general health care, nursing, and midwifery.
- Scholarship assistance for deserving candidates.



## SPECIALITY ALLIED HEALTH SCIENCE PROGRAMS

### B.Sc. Operation Theatre & Anaesthesia Technology

Duration : 3 Years + 1 Year Internship

Affiliated to : The Tamilnadu Dr. MGR Medical University, Chennai  
 Eligibility : + 2 with Science Group

#### OBJECTIVES

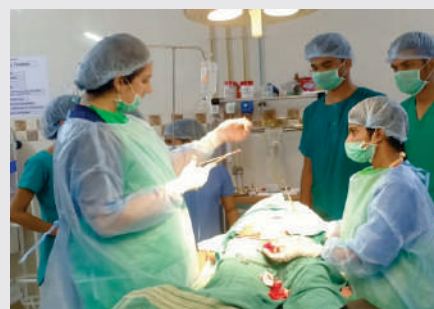
B.Sc. in Operation Theater Technology program means to understand the Ethics, Layout of Operation Theater as well as Handling the equipment.

The course focuses on teaching students to maintain & troubleshoot anesthesia equipment and maintain a clear work environment.

They will provide help to Surgeons, Specialist, Anaesthesiologists, and Nurses.

The primary undertaking of Operation Theater Technician is to help Doctors in Surgery, masterminding surgical instruments before surgery, cleaning instruments before surgery, obeying surgeons order amid surgery or crisis strategies and dealing with anesthesia equipment.

Operation Theater Technologists are required across all hospitals who conduct surgeries such as General Surgery, Plastic Surgery, Neurosurgery, Gynecology Surgery, and Urology etc.



#### Scope

- Hospitals are the primary recruiters of Surgical / operation theater technologists.
- They work in the operating theaters, ICUs and emergency departments of hospitals and nursing homes.
- Openings are available in the areas of transplant teams, orthopaedic clinics, gynecology sections, cancer units, surgery, special care baby units etc. and also in the field of research, education and training.
- They are appointed in the workplaces of physicians or dentists who perform outpatient surgery.

### B.Sc. Cardiac Technology

Duration : 3 Years + 1 Year Internship

Affiliated to : The Tamilnadu Dr. MGR Medical University, Chennai.  
 Eligibility : + 2 with Science Group

#### OBJECTIVES

- Evaluate & Management of cardiac problems.
- Take care of those suffering from cardiovascular disease.
- Use and maintain medical equipment and machines used in the field of cardiology.
- Basic and advanced life support skills.
- Students will be capable to handle all emergency & elective invasive procedures that could save an individual's life.
- Hands on training during procedure.
- Insert catheters and use pacemakers in practical settings.
- Study cardiac-related procedures.
- Observe the correct way to perform cardiac procedures before applying practical skills.



#### Scope

- Cath Lab Technologist
- Cardiac Theatre
- Echocardiography Technologist
- Non-invasive cardiology
- Tread Mill Technologist





## COURSES OFFERED

### B.Sc. Cardio Pulmonary Perfusion Technology

Duration : 3 Years + 1 Year Internship

Affiliated to : The Tamilnadu Dr. MGR Medical University, Chennai

Eligibility : + 2 with Science Group

The primary aim of B.Sc. Cardiac Perfusion Technology is to academically and clinically prepare the cardiovascular perfusion student for professional practice.

Cardiovascular Perfusionists are important members of the open-heart surgical team whose primary role is to conduct cardiopulmonary bypass using a heart-lung machine and other ancillary equipment.

They closely monitor the patient's blood flow and other vital signs during open heart surgery and are also responsible for administering intravenous fluids, blood products and anesthetic drugs.

Perfusionists are also experts of other life support equipment such as ventricular assist devices and intra-aortic balloon pumps.

The curriculum focuses on developing a strong knowledge base in cardiothoracic anatomy, physiology and pathophysiology, as well as pharmacology, fetal and neonatal cardiac development and perfusion science.

upon the candidate's expertise in the field.



#### SCOPE

- Perfusion Technologists are employed by individual surgeons, or perfusion companies.
- Perfusionists also work in educational institutions as teachers and/or researchers.
- Further, some perfusionists are hired by industries that manufacture various perfusion-related supplies and equipment.
- The average annual starting salary offered in India to successful postgraduates of the course ranges between INR 3 and 16 lacs, depending.

### B.Sc. Physician Assistant

Duration : 3 Years + 1 Year Internship

Affiliated to : The Tamilnadu Dr. MGR Medical University, Chennai

Eligibility : + 2 with Science Group

#### OBJECTIVES

To train the students in the medical & clinical technological aspects of medical field.

Physician assistants are generally trained to provide diagnostic, therapeutic and preventive health care services in almost all medical specialties. Working as members of health care team, they take medical histories, initial examinations of the patients, order for laboratory tests and x-rays and assist the doctors for diagnosis and treatment.

As the course name suggests, it is a specialization for people looking for adding skills and knowledge required to provide support to the senior doctors and physician. The course is designed to train the students in examining and treating patients, order and interpret laboratory x-rays and perform diagnosis.



#### Scope

- Those specializing in surgery provide preoperative and postoperative care and may work as assistants during major surgery.
- Jobs in the offices of physicians or other health practitioners or in hospitals, outpatient care centers, the educational services and employment services.
- Institutions like hospitals, academic medical centers, public clinics and prisons.
- In primary care and to assist with medical and surgical procedures.
- Physician assistants can relieve physicians of routine duties and procedures in doing the primary work like history taking, doing investigations etc.
- Qualified to serve as transport personnel working on Ambulances, Airplanes, and Helicopters, fire, police rescue squad departments as general physician assistants.
- They can also work in Pharma Industries.

# COURSES OFFERED

## B.Sc. Radiotherapy & Imaging Technology

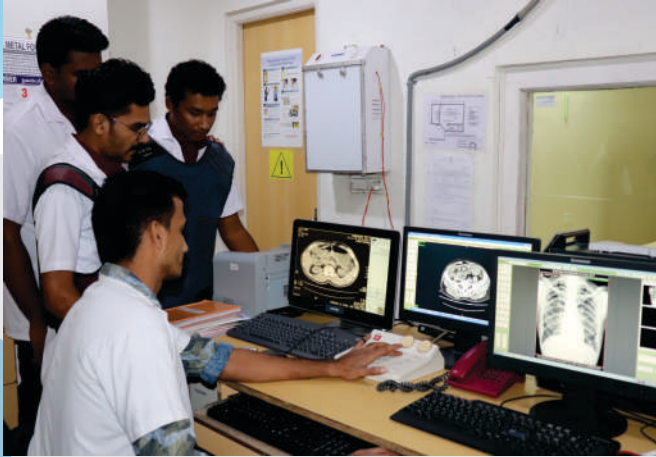
Duration : 3 Years + 1 Year Internship

Affiliated to : The Tamilnadu Dr. MGR Medical University, Chennai

Eligibility : + 2 with Science Group

### OBJECTIVES

The course has been designed to impart advanced and specialized technical training to eligible candidates in medical imaging techniques such as CT scan and MRI, specialized PACS and QM, and other regular procedures.



### Scope

- Advanced Imaging Modalities (CT or MRI).
- Healthcare Management or Administration.
- PACS Administration.
- Quality Management.
- Education.
- Commercial or Industrial (Sales and Support).
- Post Graduate School (Radiologist Assistant or other graduate studies).



Clinical Posting at Government Head Quarters Hospital, Coimbatore.

### Features

- Affordable Fees
- Experienced Team of Faculty
- Well Equipped Lab & Library Facilities.
- State of Art Infrastructure
- Clinical Training Facilities in Parent Hospital & Speciality Hospital
- Clinical Training Facility in Government Head Quarters Hospital. Coimbatore.
- Separate Hostel Facilities for Boys & Girls
- Bank Loan Assistance
- Scholarship Assistance for Deserving Candidates.

Admission Contact: **Mr. Prasanth - 98942 88514**



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