



Charutar Arogya Mandal

**Medical Laboratory Technology
(Affiliated to Sardar Patel University)**

PROSPECTUS
for
**Post Graduate Diploma in
Cardiac Care Technology (PG-DCCT)**

Objective:

To prepare health-care professionals of highest caliber in various allied health sciences and technologies used for the patient care with a strong foundation of relevant basic medical science and clinical subjects.

About the Institute & Course:

Smt. L.P. Patel Institute of Medical Laboratory, under the aegis of Charutar Arogya Mandal, Vallabh Vidyanagar, has been established at Shree Krishna Hospital & Pramukhswami Medical College, Karamsad to provide training, at its NABL-accredited clinical laboratories and NABH-accredited A.D.Gorwala Blood Bank, to the prospective candidates; who desire to pursue their post-B.Sc. carrier in the field of Medical diagnostics as Laboratory personnel in hospitals, clinical laboratories and Medical Research Centres.

The Institute has also introduced graduate courses, B.Sc.-Medical Technology, to impart training to the students in a variety of specializations such as clinical laboratory technology, Radiotherapy Technology, Imaging Technology, Respiratory care Technology and Operation theatre & Anaesthesia Technology. It also offers post-graduate programmes such as Diploma in Medical Lab.

Technology, PG-Diploma in Clinical Dietetics and , M.Sc./Ph.D.-Medical Technology (in Clinical lab Technology) as well as M.Sc.-Medical Technology (in perfusion Technology). Students are trained in Charutar Arogya Mandal's premier institutions; namely Shree Krishna Hospital, M.S. Patel cancer Center and M & B Cardiac Center.

Medical Science has witnessed a significant advancement in the Cardiac Care technology in recent years; Electrocardiogram (ECG), Exercise Stress Testing (Tread Mill Test-TMT), Echocardiogram (ECHO) and Cardiac catheterization have been proved as life saving technologies . There is also an increase in the health care setup having dedicated cardiac care facility. However, these advanced technologies require trained health care professionals who can operate machines/ assist cardiologists to make best use of the available technology. There is a dearth of such trained manpower for cardiac care technology.

The 1-year course of "POST GRADUATE DIPLOMA OF CARDIAC CARE TECHNOLOGY" is specifically designed to meet this requirement. Students would be trained in various cardiac care technologies mainly Electrocardiogram (ECG), Exercise Stress Testing (Tread Mill Test-TMT), Echocardiogram (ECHO) with an orientation to cardiac catheterization under the expert guidance of teaching faculties/clinicians of Department of Medicine of Pramukhswami Medical College. They would also get an extensive hands-on training at Shree Krishna Hospital as well as at Bhanubhai and Madhuben Patel Cardiac Centre; Charutar Arogya Mandal's premier Institutions.

Career Prospects:

Health Care Professionals, well trained in various allied health sciences and technology have an extremely challenging and rewarding career ahead. Cardiac Care technicians have a very important role to play in assisting the cardiologist during the diagnosis and management of various cardiac-related conditions; Students after completing the training can very well be absorbed by hospitals and health-care facilities with an attractive remuneration.

Duration, Seats available and Eligibility criteria for Admission:

Post-graduate Diploma in Cardiac Care Technology (PG-DCCT)

Duration: 1 year

Seats: 30

Medium of instruction:

The medium of instruction shall be English.

Commencement of Academic Term:

The academic session would usually commence from June; first term would be from June to November and second term from December to May or as decided by Sardar Patel University. .

Working hours:

Working hours of the course will be from 09.00 a.m to 05.00 p.m with one-hour lunch break. Candidates, however, may be posted during emergency duty hours as a part of their training under the supervision of senior personnel.

Attendance:

Candidate shall be required to attend at least 75% of the Lectures and Practicals separately in each year.

Payment of Tuition fee (INR):

Rs.25,000/- Students admitted to the courses shall pay non-refundable fees annually at the beginning of each year as per the approved fee structure. All the students would undertake to abide by the schedule of payment of fees.

Refund of fees:

Generally, no refund of the fees paid is permitted on account of withdrawal/cancellation of the admission. In case a candidate wishes to withdraw from the course after admission, but before the commencement of the course, s/he should apply at least 15 days prior to the date of commencement of classes. The refund of the fees, after deducting the applicable administrative charges, as

decided by the competent authority, is subject to filling of the seat by a wait-listed candidate.

Accommodation:

Shared accommodation at the hostels on campus is provided to limited students on payment basis. Admission to the course does not, however, guarantee hostel accommodation.

Medical Insurance:

Students admitted would be covered under a suitable scheme of “Krupa Arogya Suraksha” for hospitalization at the Shree Krishna Hospital, Karamsad for a coverage of Rs. 5,000/- per annum or as decided from time to time.

Internet Facilities:

Central Internet facilities are made available to all the students at college Library and surfing room on payment of nominal charges.

Discipline:

All the students are expected to maintain strict discipline on the campus and adhere to rules and regulations particularly in relation to their overall conduct, academic performance and attendance through out their academic tenure.

“Ragging” is categorically banned in the institution as per the Judgment of Supreme Court of India. Any one indulging in ragging or any kind of indiscipline is likely to be punished appropriately, which may include expulsion from the institution.

Sports & Recreation:

Facilities for indoor and outdoor games are available on campus at the Student Activity Center along with a well-equipped gymnasium at nominal charges.

Course subjects, Examination System & Mark Distribution:

Course code	Subject	Duration of Examination (hours)	Distribution of marks		Total
			University exam	Internal assessment	
PGDCCT-101	Basic Medical Sciences	3 hours	80	20	100
PGDCCT -102	Cardiac Care Technology: Introduction & Clinical	3 hours	80	20	100
PGDCCT-103	Cardiac Care Technology: Applied & Advanced	3 hours	80	20	100
PGDCCT-104 (P)	Cardiac Care Technology Practical	1 day	160	40	200
	Total		400	100	500

Standard of passing:

To pass the PG-DCCT examination, a candidate must obtain at least 45% marks (aggregate of external and internal) in each of the theory papers as well as in practical separately.

Award of degree/diploma:

On successful completion of the programme, students will be awarded Post graduate Diploma in Cardiac Care Technology from Sardar Patel University, Vallabh Vidyanagar-388 120, Gujarat, India

Production of No Due certificate:

On successful completion of the course the students are required to submit a "No Due Certificate" from Library and other concerned department / Hostel, in case of residing at hostel, to enable them to receive the University mark sheet and other dues, if any, from the institute.

How to apply:

1. The Prospectus & Application form are available at the Student Section, Smt. L.P.Patel Institute of Medical Laboratory Technology. P.S. Medical College Campus, Karamsad – 388 325, Gujarat, India on payment of Rs.300 by cash. (No additional payment is required at the time of submitting duly filled application form available with prospectus).
2. The Prospectus & Application form can also be downloaded from our website www.charutarhealth.org The downloaded application form, duly filled up, must be submitted along with all the required documents and a D.D. of Rs 300 to be drawn in favour of “Charutar Arogya Mandal” payable at Anand.
3. Admission Procedure: Candidates should submit the prescribed application form duly completed along with attested photocopies of requisite documents. Selection of the candidates will be based on the performance in B.Sc. and a personal Interview at the institute.

Completed Application form should be submitted to:

The Principal,
Smt. L.P. Patel Institute of Medical Laboratory Technology.
P.S. Medical College Campus,
Karamsad – 388 325,
Gujarat, India

Contact details:

Phone: (02692) 222130, 222567, ext.3500

Fax: (02692) 223466

E mail: lppimlt@charutarhealth.org

website: www.charutarhealth.org