

GUJARAT UNIVERSITY OF TRANSPLANTATION SCIENCES

(Established Under the Gujarat Act. No. 9 of 2015)



Postgraduate Diploma in Medical Laboratory Technology (PGDMLT)

**Admission e-Prospectus
Academic Year 2024-25**

Smt. G. R. Doshi & Smt. K. M. Mehta

Institute of Kidney Diseases & Research Centre

&

Dr. H. L. Trivedi Institute of Transplantation Sciences

Opposite Trauma Centre, Civil Hospital Campus, Asarwa, Ahmedabad – 380 016, Gujarat, India.
Website: www.guts.ac.in, **e-mail:** info-guts@gujarat.gov.in, **Phone No:--**+91-79-2268 7127

About the Vice-Chancellor



Prof. (Dr.) Pranjal R Modi M.S.,D.N.B. (Urology)
Vice Chancellor I/C,
Gujarat University of Transplantation Sciences (GUTS)
Director , IKDRC-ITS
Professor and HOD,
Department of Urology and Transplantation Surgery
IKDRC-ITS, Medicity, Asarwa, Ahmedabad 380016.

Professor and head, Transplantation Surgery and Urology at Smt. G. R. Doshi and Smt. K. M. Mehta Institute of Kidney Diseases and Research Centre and Dr. H. L. Trivedi Institute of Transplantation Sciences (IKDRC-ITS), Ahmedabad. Major Achievements: Pioneer in retroperitoneoscopic living donor nephrectomy, robotic kidney transplantation, natural orifice insertion of kidney and laparoscopic & robotic kidney transplantation, Has largest experience in the world performing laparoscopic and robotic assisted laparoscopic kidney transplantation (177 case and 581 cases till 10th Feb 2021). **Established liver transplant program at public sector hospital and also Established Deceased donor organ procurement program in Gujarat, Currently, Convener, Gujarat State Organ and Tissue Transplant Organization**

Invited Speaker: Twice at British Transplant Society meetings, American Transplant Congress, American Society of Transplant Surgeons, Twice at Japanese Society of Transplantation, Society Internationale d’Urologie, Royal Society of Surgery Australia and New Zealand, Middle East Society of Transplantation, The Transplantation Society, Bangladesh Association of Urology Surgeons, Congress of Asian Society of Transplantation, Japanese society of Endourology.

Lectures at: Karolinska University Hospital, Stockholm; Tübingen University Hospital, Germany; University of Southern California, Henry Ford University Hospital, Michigan; University Hospital, Beijing; St. Mary University Hospital, Kurume, Japan; St. James’ University hospital, UK; Sir Peter Medawar Transplant Unit, Liverpool, UK; Austin Hospital, Melbourne, Australia

(Awards): Maharshi Sushrut Gyanpith Seva Sanman, Dr. Mavlankar Gold Medal, Maharshi Dadhichi award, best resident award in Urology, West Zone USI Gold Medal, Millennium International scholarship by USI

Publications: 120

BOOK CHAPTER: 3



**Padmashree Awardee Late Prof. (Dr.) H. L. Trivedi, FRCP (C), DSc
First Pro Chancellor**

Gujarat University of Transplantation Sciences (GUTS) &
Founder Director Smt. G.R. Doshi and Smt. K.M. Mehta Institute
of Kidney Diseases and Research Centre (IKDRC) and
Dr. H.L. Trivedi Institute of Transplantation Sciences (ITS)

About the University - GUTS

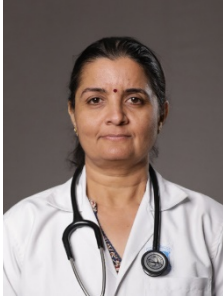
The Gujarat University of Transplantation Sciences (GUTS), the first University of its kind in the world for Transplantation and Allied Sciences, was established in the year 2015 under the State University Act. The idea of setting up such a University was conceived way back in 1998 and the seed of its inception was sown by Prof. H. L. Trivedi, Founding Director of Smt. Gulabben Rasiklal Doshi and Smt. Kamlaben Mafatlal Mehta Institute of Kidney Diseases & Research Centre. Dr.H. L. Trivedi Institute of Transplantation Sciences (IKDRC-ITS), Ahmedabad, Gujarat.

Objectives and Mission of the University

The Objectives of the University is to disseminate, create and preserve knowledge and understanding by teaching, research, extension, service and by effective demonstration in the field of Transplantation and allied sciences. This university will provide efficient and responsive administration, scientific management and develop organization of teaching and research. It will be a centre of excellence for providing medical care, educational and research facilities of high order in the field of Transplantation and allied Sciences in the existing super-specialities and such other super-specialities as may develop in future, including cell and tissue transplantation, solid organ transplantation, composite tissue transplantation, xeno transplantation, cell, tissue and bio-engineering, genetics and translational research in humans, animals, micro-organisms and viruses. The other objective will also be to attain the highest standards of academic excellence by providing the necessary physical infrastructure and creating an intellectual environment conducive to free flow of ideas and meaningful exchange of information and knowledge with other foreign and national universities or institutions. The mission of the University is to serve as an academic and research nucleus to these specialties to improve the clinical, scientific, and social aspects of transplantation making it accessible and affordable to population at large giving them healthy and productive lives.

Currently GUTS have active teaching programs as follows:

- 1) M.Ch Urology (NMC Recognized)
- 2) DM Nephrology (NMC Recognized)
- 3) Post –Doctoral Certificate course Renal Pathology (PDCC) (NMC Recognized)
- 4) M.D Anesthesia (NMC Recognized)
- 5) Fellowship programs in Liver Transplant Anesthesia and Critical Care
- 6) Fellowship programs in Abdominal Organ Transplantation
- 7) Fellowship programs in Pediatric Nephrology and Transplantation
- 8) Masters in Physiotherapy (MPT)
- 9) MSc nursing in Nephrology and Urology Specialties
- 10) Postgraduate Diploma in Medical Laboratory Technology (PGDMLT)
- 11) Certificate Course in Dialysis Technology (CCDT)



Dr.Manisha P. Modi, M.D. (Anaesthesiology)

Dean (I/C) , Gujarat University of Transplantation Sciences &
Professor of Department of Anaesthesiology

Smt. G.R. Doshi and Smt. K.M. Mehta Institute of Kidney Diseases
and Research Centre (IKDRC) and

Dr. H.L. Trivedi Institute of Transplantation Sciences (ITS)

About the Institute - IKDRC-ITS

Smt. Gulabben Rasiklal Doshi and Smt. Kamlaben Mafatlal Mehta Institute of Kidney Diseases & Research Centre - Dr. H. L. Trivedi Institute of Transplantation Sciences (IKDRC-ITS) is located in Civil Hospital Campus, Asarwa, Ahmedabad in the state of Gujarat, India. The institute was established on October 7, 1981 on an auspicious ninth day of Navratri and Institute of Transplantation Sciences was established as its sister institute in the year of 1997. Today it stands on the western end of the civil hospital campus, occupying an area of 15,000 sq. mts and total built up area of 20,000 sq. mts, it can boast to be largest tertiary care center of its kind in the world. It has 400 indoor beds for Nephrology, Urology and Transplantation.

Institute of Kidney Diseases and Research Centre is one of the largest institutes in the world, based on three pillars of service, education and research, catering the needs of all classes of patients with kidney diseases. The primary objective of the institute is to establish, operate, promote, run and manage institutions engaged in service, education and research pertaining to the field of Nephrology, Urology, Transplantation, Hematology, Autoimmune and Genetic disorders.

The institute is recognized as Institute of National Importance by Department of Science and Technology, Govt. of India.

Services Being Provided By IKDRC-ITS

At present IKDRC-ITS, has an average annual OPD of more than 1,50,000, admission of more than 11000 cases in Nephrology, 8000 in Urology, 800 cases each in Paediatric Nephrology and Gastroenterology and liver transplantation, 600 cases in Paediatric Urology, 2600 in Obstetrics and Gynaecology. IKDRC-ITS have performed about 400 kidney and 35 liver transplants per year and there is already a waiting list of patients to be treated. Institute now caters to the people of Gujarat for services of dialysis in most of the districts through its centres.

Aim & Objective of Postgraduate Diploma in Laboratory Technology (PGDMLT) Course

Postgraduate diploma in laboratory technology (PGDMLT) is a paramedical course of 1 year. This course provides analytical skills in different areas of clinical laboratory, clinical research and quality standards. In the rapidly growing area of scientific knowledge and skills, laboratory science is an important area of study for medical laboratory technicians. It delivers the knowledge in the field of Haematology, Clinical Pathology, Microbiology, Biochemistry, Serology and Immunology, Histopathology, Cytopathology and Transfusion Medicine. The PGDMLT course is career oriented that opens up new horizons to work in laboratory, blood bank, hospital, forensic and genetic science, pharmaceutical company and research organizations.

About Smt. G.R. Doshi and Smt. K.M. Mehta Institute of Kidney Diseases and Research Centre (IKDRC) and Dr. H.L. Trivedi Institute of Transplantation Sciences (ITS)

Department of Pathology, Lab. Medicine, Transfusion Services & Immunohematology

Department was started in the form of a small lab in 1981. The department is engaged in diagnostic work that caters primarily to the institute and secondarily to health care centres from adjacent areas. The department offers comprehensive, state of the art services in histopathology, cytology, haematology, biochemistry, microbiology, clinical pathology, immunohistochemistry, immunofluorescence, electron microscopy studies and transfusion services in addition to immune profile for various autoimmune disorders.

Highly dedicated and skilled technicians work year-round (24 x7).in the department. This laboratory has also pioneered in the areas of transplantation tolerance and stem cell research for autoimmunity and alloimmunity in addition to getting 2 patents on mesenchymal stem cells and insulin making cells. A study on the evolution and natural history of various kidney diseases in India is also being carried out here.

Head of Department



Dr. Kamal V Kanodia, M.D. (Path.&Bact,PDCC,FICP)
Professor & Head
Dept. of Pathology, Lab medicine,
Transfusion services &
Immunohematology

Course Coordinator



Dr. Paulin Gandhi, M.D. (Biochemistry)
Associate Professor
Dept. of Pathology, Lab medicine,
Transfusion services &
Immunohematology

Name of Institute	Smt. G.R. Doshi and Smt. K.M. Mehta Institute of Kidney Diseases and Research Centre (IKDRC) and Dr. H.L. Trivedi Institute of Transplantation Sciences (ITS)
Total No of Seats	20
Course Coordinator	Dr. Paulin Gandhi
Course Coordinator Contact no.	9624066422
Course Coordinator Email Id	pautalk@gmail.com
Institute Website	http://www.ikdrc-its.org/

About Gujarat Cancer and Research Institute (GCRI)

GCRI is a State Cancer Institute located in Ahmedabad, Gujarat and one of the largest cancer care centres of the country with modern cancer facilities for diagnosis and treatment. It is an amalgamation of specialties in surgical oncology, medical oncology, radiation oncology, preventive oncology, paediatric oncology, neuro-oncology, gynec-oncology, radio-diagnosis and nuclear medicine, palliative medicine, laboratory and transfusion medicine, pathology and microbiology. GCRI also provides other allied services like home hospice care, physiotherapy, stoma clinic, speech therapy, cancer health check-up, prosthesis and rehabilitation. It has a dedicated research wing – Cancer Biology which is exclusively involved in basic and clinical research, research training, teaching and interdisciplinary advanced diagnostic services for patient management.



Dr.Priti Trivedi
HOD & Practising Professor



Dr. Beena Brambhatt
Course-Coordinator

Name of Institute	The Gujarat Cancer and Research Institute
Total No of Seats	50
Course Coordinator	Dr. Beena Brambhatt
Course Coordinator Contact no.	9879520780
Course Coordinator Email Id	Beena.brambhatt@gcriindia.org
Institute Website	www.gcriindia.org

ADMISSION RULE FOR POST GRADUATE DIPLOMA IN MEDICAL LABORATORY TECHNOLOGY

Applications are invited for Postgraduate Diploma in Medical Laboratory Technology course for the academic year 2023-24 at Gujarat University of Transplantation Sciences (GUTS), Ahmedabad.

- ❖ **DURATION OF THE COURSE:** One Year
- ❖ **NUMBER OF SEATS:** 70 (50 GCRI+ 20 IKDRC-ITS)
- ❖ **CURRICULUM:** displayed on website: www.guts.ac.in
- ❖ **MINIMUM ELIGIBILITY CRITERIA:**
 - Candidates who have completed B.Sc. in Biochemistry, Microbiology, and Chemistry will be eligible to apply for this course.
 - Candidates with M.Sc. or any other higher educational qualifications will not be given any extra credit.
 - Candidates should be medically fit.
- ❖ **AGE LIMIT FOR ADMISSION:** A candidate should have completed the age of 20 years at the time of admission or would complete the said age on or before 31st December of the year of admission.
- ❖ **SELECTION OF CANDIDATE:**
 - Merit list will be prepared on basis of final year marks of BSc.
 - In case of equal marks, aggregate of first and second year marks of B.Sc. will be considered for merit.
 - Merit List will be displayed on the website and Notice Board of the University.
- ❖ **FEE STRUCTURE:**

Sr. No	Category	Amount (Rs)
1	University Registration Fees	₹.500/-
2	College Tuition Fees	₹.15,000/-
3	College Library Fees	₹.1000/-
4	College Security Deposit	₹. 5,000/-
5	Stationery Fees	₹. 2,000/-
	Total	₹.23,500/-

- Selected candidates must pay the fees within five days of selection.
- If the candidate does not pay the fees within five days, admission will be cancelled.
- No refund will be given after fees are paid.
- If candidate leaves the course in between, above mentioned fees will not be refunded.

- Security deposit will be refunded ONLY on successful completion of the course and after NOC from relevant Department Heads.
- Fees mentioned above are for the present. University reserves the Right to revise the same at any time without notice.
- University Examination Fees & Degree Certificate fees of ₹.2,500/- will be taken at the time of exam held by GUTS.

❖ **WORKING DAYS IN THE ACADEMIC YEAR:** Each academic year consists of at least 240 working days.

❖ **ACADEMIC CALENDER**

Advertisement regarding admission	:	15/04/2024
Application forms available online from	:	21/05/2024
Last date for applying online	:	21/06/2024
Last date for receiving the applications	:	28/06/2024
Interview / Counselling	:	08/07/2024
Commencement of Courses	:	01/08/2024

❖ **DURATION:**

Course Duration	:	1 year
Hours per week	:	40 hours
Hours in academic year	:	1720 hours
No. of working days in year	:	240 days

❖ **ATTENDANCE REQUIRED FOR APPEARING IN FINAL EXAMINATION:**

- Minimum 80% attendance is required in both theory and practical separately in each subject to appear in final examinations.
- Log book and Journal completion certificate signed by the course coordinator and Head of the Department is required before final examination.

❖ **CONDONATION OF LACK OF ATTENDANCE:** No condoning for lack of attendance.

❖ **INTERNAL EXAMINATION:** Internal examination will be conducted for theory and practical before final examination

❖ **FINAL EXAMINATION:** The final examination will be held at the end of the academic year.

❖ **MARKS QUALIFYING FOR PASSING:**

- Theory Examinations: 40% of marks in each paper
- Practical Examinations: 40% of marks in each paper
- **Award of Class:**
 1. Pass class: 40% to < 50%
 2. Second class: 50% to < 60%
 3. First class: 60% to <70%
 4. Distinction: \geq 70%

❖ **CARRY OVER OF FAILED SUBJECTS AND EXEMPTION:**

1. A candidate will have to pass separately in theory and practical examinations of each subject.
2. If a candidate fails in either theory or practical examination, he/she has to reappear for examination in both (theory and practical) for the same subject ONLY.
3. The candidate will be declared pass after passing all subjects in theory and practical.
4. The candidate has to successfully complete the course in maximum 3 trials within 2 years from the date of joining.

Application forms are available online at University Web site <https://www.guts.ac.in>

SUBMISSION OF APPLICATION FORMS

1. All interested candidates having the eligibility criteria mentioned above can fill the Application Form online from the above mentioned website. All the entries in the form should be clear and correct. Candidates are advised to print the application form on one side of the paper only.
2. Application form fee of Rs. 250/- applicable at the time of Application which is nonrefundable.
3. The application must be accompanied with self-attested copies of all the required certificates. **Candidates in-service must apply through proper channel and submit “No Objection Certificate” from the present employer.** Selected candidates must submit Migration Certificate within 1 month of admission.
4. The completed and signed application form with all necessary enclosures should be sent to The Registrar, GUTS, opposite Trauma Center, Civil Hospital campus, Asarwa, Ahmedabad- 380016 on or before **Saturday, 28th June 2024** by Registered/Speed Post/hand delivery only. An envelope containing the Application should be superscripted **“APPLICATION FOR CERTIFICATE COURSE IN Postgraduate Diploma in Medical Laboratory Technology (PGDMLT)”**. Applications sent by Fax will not be entertained.

5. Incomplete applications will be rejected and no correspondence in this regard will be entertained. Applications received after the last date will be rejected, and no grounds for delay including postal delay will be entertained.
6. All passport size photographs must be identical, snapped with front profile, showing full head, face, and shoulder and with both ears and taken without wearing any Cap/Hat/Head dress/ Sun glasses. Polaroid photos are not acceptable. Photograph must have been taken on or after **1st January 2024**.

GENERAL INSTRUCTIONS

1. The admission and Registration of the candidate shall be subject to the GUTS Acts, Rules, Regulations and Orders as may be applicable from time to time.
2. Candidate will have to produce all original documents at the time of admission / personal interview.
3. Queries related to admission will be addressed by the Registrar, GUTS and in case of dispute, decision of the Vice-Chancellor, GUTS shall be final and binding on the candidate.

IMPORTANT DATES

- ❖ Last date and time for online application is **21th June 2024** and receipt of completed application form – **28th June, 2024, up to 6 PM.**
- ❖ Display of Merit List, Counselling of candidates, Commencement of Courses etc. will be communicated to the candidates later on GUTS website: <https://www.guts.ac.in>.

❖ CONTACT DETAILS

Mr. Kamal Modi

Registrar (I/C)

Gujarat University of Transplantation Sciences (GUTS)

Opposite Trauma Centre, Civil Hospital Campus, Asarwa,

Ahmedabad – 380 016,

Visit us: <https://www.guts.ac.in> E-mail: admission@guts.ac.in

Phone: (079) 22687127- 7032