

GUJARAT UNIVERSITY OF TRANSPLANTATION SCIENCES

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



Certificate Course in Dialysis Technology (CCDT)

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

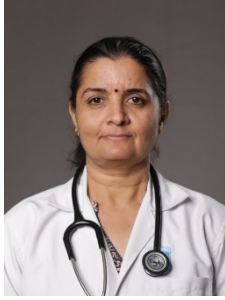
The Gujarat University of Transplantation Sciences (GUTS), the first University of its kind in the world for Transplantation and Allied Sciences, was established in the year 2015 under the State University Act. The idea of setting up such a University was conceived way back in 1998 and the seed of its 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.



Dr. Himanshu V. Patel, D.N.B. (Nephrology)

Professor and HOD

Department of Nephrology and Transplantation, IKDRC-ITS

About Department

Nephrology department is the oldest department of the institute. It existed as Nephrology section of the department of Medicine in the B.J. Medical College and Civil Hospital of Ahmedabad. The Nephrology section had been assigned a 50 bed clinical unit in 1973.

Primarily it started as dialysis facility for patients with acute renal failure. Peritoneal and hemodialysis facilities which were in their very primitive form in Ahmedabad in those days were gradually upgraded in 1977. With time, the patient load kept on increasing and the facilities were improved upon.

This facility turned out to be the nucleus of the future Institute of Kidney Diseases and Research Center and metamorphosed in to the Department of Nephrology and Transplantation Medicine by 1981.

The department started achieving excellence in areas of clinical nephrology, native renal biopsy program and services with addition of teaching program. Research has evolved well and successfully translated from bench to bedside.

Teaching programs under the banner of National Board of Examinations, New Delhi and Gujarat University were established in 1981. Every year 2 students have been enrolled in D.M. program under Gujarat University and 1 student under the D.N.B. program of National Board.

Thus, the institute has gifted at least 64 Nephrologists to the country, 37 qualified as D.M. Nephrology and 27 with D.N.B. Nephrology. Some of them have been acclaimed as good Nephrologists overseas also. The alumina of the institute are scattered across all the continents. We have a separate Paediatric Nephrology section in this department established in 1991.

At present the department has 2 clinical units with 60 beds in each unit and 12 residents totally. There is an active teaching program in the institute and we have students coming from all over the

country to take advantage of this program. Approximately 7000 new patients and 10100 old patients are treated annually; 5300 new patients are admitted every year.

Dialysis was started in ZERO BLOCK of Civil Hospital, Ahmedabad in 1973, nearly 10 years after first dialysis was done in India. It was one of the few centers offering dialysis in India at the time. To start with, there were 3 patients and 2 dialysis machines. Dialysis was done for 8-12 hours twice a week for these patients.

At present, there are around 180 hemodialysis machines in the Institute. Also, IKDRC has all modalities of dialysis therapies, including hemodialysis, online hemodiafiltration (HDF), SLED, Pediatric Hemodialysis, continuous renal replacement therapy (CRRT), plasmapheresis etc.

The Institute is also the nodal center for 80 centers of the Gujarat Dialysis Program, a pioneering program of the state of Gujarat providing dialysis at every patient's doorstep.

No.	Faculty of Nephrology	Designation
1.	Dr. Himanshu Patel, D.N.B. (Nephrology)	Professor & Head
2.	Dr. Priyash Tambi, D.M. (Nephrology)	Assistant Professor
3.	Dr. Akash Shah, D.M. (Nephrology)	Assistant Professor
4.	Dr. Nauka Shah, D.M. (Nephrology)	Assistant Professor
5.	Dr. Ruchir Dave, D.M. (Nephrology)	Assistant Professor

No.	Faculty of Paediatric Nephrology	Designation
1.	Dr. Kinnari Vala, MD(Ped), FIPNA, FISP, Fellowship in Paediatric Nephrology(MUHS)	Associate Professor & Head
2.	Dr. Anshuman Saha, D.M. (Paediatric-Nephrology)	Associate Professor
3.	Dr. Shahenaz Farokh Kapadia	Assistant Professor

Course Coordinator:



Dr. Kinnari Vala,

**MD (Ped), FIPNA, FISP, Fellowship in Paediatric Nephrology (MUHS),
Associate Professor & Head (I/C)
Department of Paediatric Nephrology, IKDRC-ITS.**

About Certificate Course in Dialysis Technology (CCDT) Course

The Institute has both acute and maintenance haemodialysis patients, which is uncommon for tertiary care Institutes of this stature. Dialysis facilities are provided 24x7. Dialysis is provided through a variety of vascular accesses, including AV Fistula, grafts, short-term and long-term catheters. With a wide patient catchment as in IKDRC, there is a wide variety of clinical scenarios to which a trainee will get exposure. Trainees also gain experience from exposure to peritoneal dialysis and renal transplant patients, which compliments their training in haemodialysis.



Please add more pictures

ADMISSION NOTICE FOR CERTIFICATE COURSE IN DIALYSIS TECHNOLOGY

Applications are invited for Certificate Course in Dialysis Technology for the academic year 2024–25 at G.R. Doshi and K.M. Mehta Institute of Kidney Diseases and Research Center (IKDRC) - Dr. H.L. of Trivedi Institute Transplantation Sciences (ITS), the constituent Institute of Gujarat University of Transplantation Sciences (GUTS), Ahmedabad.

DURATION OF THE COURSE: One Year

NUMBER OF SEATS: 20

CURRICULUM: displayed on website: www.guts.ac.in

ELIGIBILITY:

- 12th Pass from recognize board.
- Candidates should be medically fit.

SELECTION:

- Merit list will be prepared on basis of 12th standard.
- Merit List will be displayed on the website and Notice Board of the University.
- If more than 50 applications are received, an online / OMR MCQ based entrance test may be conducted. Date of test will be displayed on the website and Notice Board of the University.
- Final selection will be based on merit and personal interview / entrance examination, whichever is applicable, and will be displayed on the website and Notice Board of the University.

FEE STRUCTURE:

Sr. No	Category	Amount (Rs)
1	College Tuition Fees	8,500 /-
2	Registration Fees	500/-
3	Library Fees	1,000/-
4	Security Deposit	5,000/-
	Total	15,000/-

- ❖ 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.
 - ❖ Application forms are available online at University Web site <http://www.guts.ac.in>
-
- ❖ **WORKING DAYS IN THE ACADEMIC YEAR:**
Each academic year consists of at least 240 working days.
-
- ❖ **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.

❖ **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 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.

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 by Registered-AD/Speed Post/hand delivery to **The Registrar, GUTS, opposite Trauma Center, Civil Hospital campus, Asarwa, Ahmedabad- 380016** on or before last date display in important date. An envelope containing the Application should be superscripted “APPLICATION FOR CERTIFICATE COURSE IN DIALYSIS TECHNOLOGY”. 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 submit all original documents at the time of admission / personal interview. Out of these, Documents listed below will be returned to the candidates only at the time of their leaving the course/ College.
3. Passing Certificate from the concerned Board.
4. Mark sheets of the Board.
5. Document to prove the date of birth.
6. 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

1. Last Date of Online Application 21th June, 2024.
2. Last date of submission of physical application form will 28th June, 2024 up to 6 PM.
3. 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>.
4. Commencement of Courses on 1st August 2024.
5. For any information visit GUTS website: <http://guts.ac.in>

CONTACT DETAILS:

Mr. Kamal Modi

Registrar (I/C)

Gujarat University of Transplantation Sciences (GUTS)

Opp. Trauma Center, Civil Hospital - Medicity Campus, Asarwa,

Ahmedabad – 380 016.

Visit us: <https://www.guts.ac.in>

E-mail: admission@guts.ac.in

Phone: (079) 22687127/7067