

# GUJARAT UNIVERSITY OF TRANSPLANTATION SCIENCES

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

## Admission e-Prospectus

Academic Year - 2020-21



### Fellowship in Liver Transplant Anesthesia and Critical Care

IKDRC-ITS Premises, Civil Hospital - Medicity Campus,  
Asarwa, Ahmedabad – 380 016, Gujarat, India.

Visit us: <http://www.guts.education>, e-mail: [registrar-guts@gujarat.gov.in](mailto:registrar-guts@gujarat.gov.in)



*Message from the Vice-Chancellor*



Gujarat University of Transplantation Sciences (GUTS) was established on 1<sup>st</sup> May, 2015 under the State University Act under the leadership of the then Chief Minister of Gujarat, Smt. Anandiben Patel, herself an eminent educationist. It is the first University for Transplantation and Allied Sciences in the world. The vision of its founder, late Prof. H.L. Trivedi was to disseminate, create and preserve knowledge and understanding in the field of Transplantation and allied sciences by teaching, research and service towards patients. Fellowship course in Transplant Anesthesia and Critical Care was started in 2019 by the University.

It is a two years course. The unique feature of this course in GUTS is that it is a very new concept of training Anesthesiologists in the fast growing field of super-specialization of Transplant Anesthesia and critical Care. The students once selected are subjected to didactic teaching by committed teachers and supported by hands on training to meet with clinical challenges in the field. Now the world of Medicine and allied sciences will very soon be divided into two eras, pre-covid and post-covid. The coming batches will fall in post-covid era which is going to put major thrust on health and allied sciences and 'make in India' towards 'Aatma-nirbhara Bharat'. The students trained here have been absorbed in foreign hospitals and universities also. Thus the chances of establishing their own group practice or getting job opportunities in University hospitals or corporate sector are tremendous.

We welcome all the students who will be selected for the Fellowship in Liver Transplant Anesthesia and Critical Care course for 2020-21.

15<sup>th</sup> August, 2020

Dr. Aruna V. Vanikar  
Vice Chancellor (I/C)



**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)



**Prof. (Dr.) Aruna V. Vanikar, MD, PhD, D.Litt, FICPath  
Vice Chancellor I/C,**

Gujarat University of Transplantation Sciences (GUTS)  
Professor and HOD,  
Dept. of Pathology, Lab Medicine, Transfusion Services and  
Immunohematology and,  
Dept. of Cell Therapy and Regenerative Medicine,  
IKDRC-ITS, Medicity, Asarwa, Ahmedabad 380016.

### 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.

Currently GUTS have active teaching programs in Renal and Transplant Pathology, Postgraduate Diploma in Medical Laboratory Technology (PGDMLT), Nephrology (Adult and Pediatric), Certificate Course in Dialysis Technology, MCh (Urology), Fellowship programs in Liver Transplant Anesthesia and Critical Care, Paediatric Nephrology and Transplantation, Abdominal Organ Transplantation, Masters in Physiotherapy (MPT) in Cardiopulmonary and Transplantation Rehabilitation specialties and MSc nursing in Nephrology and Urology Specialties.

### Objects and Mission of the University

The Objects of the University is to disseminate, create and preserve knowledge and understanding by teaching, research, extension and 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-specialties and such other super-specialties 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.



**Dr. J. C. Lilani, M.Sc., Ph.D.**  
**Registrar**  
**Gujarat University of Transplantation Sciences**



**Dr. Guruprasad Bhosale, MD (Anaesthesia), DTCD (Respiratory Medicine)**  
**Controller of Examinations (I/C) GUTS &**  
**Professor, Department of Organ Transplant Anaesthesia and**  
**Critical Care – IKDRC-ITS.**



**Shri Kamal Modi, M.com**  
**Chief Accounts Officer**  
**Gujarat University of Transplantation Sciences**



**Dr. Pankaj R. Shah, D.N.B. (Nephrology)**  
**Dean, IKDRC-ITS**



**Dr. Vineet V. Mishra, M.D, PhD**  
**Director, IKDRC-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 of India. The institute was established on October 7, 1981 on an auspicious ninth day of Navratri. 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, 500 cases each in Pediatric Nephrology and Gastroenterology and liver transplantation, 600 cases in Pediatric Urology, 2600 in Obstetrics and Gynecology. 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. We are planning to expand infrastructure and facilities to cater further services. Institute now caters to the people of Gujarat for services of dialysis in most of the districts through its centres.



**Dr. Bina Butala, M.D. (Anesthesia)**  
Professor and HOD,  
Department of Anaesthesia, IKDRC-ITS

### **About the Department**

The fellowship course in Transplantation Anesthesia and Critical Care is offered by the Department of Organ Transplant Anaesthesia and Critical Care which was established in the year 2006, to provide perioperative care to patients undergoing solid organ transplantation. In the year 2007 Dr. Veena Shah and Dr. Guruprasad Bhosale underwent training in Liver transplant anaesthesia and critical care at Karolinska Institute, Stockholm, Sweden. After obtaining training, the first liver transplant was performed in May, 2008 in a case of cryptogenic liver cirrhosis. In the year 2011, Dr. Manisha Modi and Dr. Guruprasad Bhosale underwent a fellowship training in Living Donor Liver transplantation at Asan Medical Centre, Seoul, South Korea. Since then, the institute has carried out more than 400 liver transplantations which includes Deceased Donor and Living Donor Liver Transplantation.

Four dedicated transplant operation theaters are equipped with modern anaesthesia workstations, Advanced haemodynamic monitors for monitoring various parameters like continuous cardiac output, Stroke volume variation, Systemic vascular resistance and mixed venous oxygen saturation, Patient warming system, Blood and fluid warmer, Rapid infusion system, Thromboelastogram for point of care monitoring of coagulation and series of infusion pumps for precise delivery of drugs. All central venous cannulations are done under ultrasound guidance to increase the safety of the procedure.

The department also looks after critical care unit which includes exclusive post liver and post kidney transplant ICUs. Critical care unit has a state of art facility for mechanical ventilation and multichannel haemodynamic monitoring for each bed, in house facility of dialysis, SLED, CRRT, blood gas analysis and non-invasive and invasive ventilators. Every year, more than 850 patients are admitted in the Critical care unit out of which more than 400 patients require ventilatory support. The department also performs fiberoptic bronchoscopy for diagnostic and therapeutic purpose.



No.	Medical Faculty	Designation
1.	Dr. Manisha Modi, MD (Anaesthesiology)	Professor
2.	Dr. Guruprasad Bhosale, MD (Anaesthesiology), DTCD (Pulmonology)	Professor
3.	Dr. Rajkiran Shah, D.A. & DNB	Associate Professor
4.	Dr. Rajnish Nama	Associate Professor
5.	Dr. Viral G. Trivedi, MD (Anaesthesiology)	Assistant Professor
6.	Dr. Hemant R. Rane, D.A. & DNB	Assistant Professor
7.	Dr. Devendrakumar J. Prajapati, MD (Anaesthesiology)	Assistant Professor

**Course Coordinator:**



**Dr. Guruprasad Bhosale, MD (Anaesthesiology), DTCD (Pulmonology)**  
Professor and CCU In-Charge,  
Department of Anaesthesia and Critical Care, IKDRC-ITS

**About Fellowship in Liver Transplant Anesthesia and Critical Care Course**

Fellowship course in Liver Transplantation Anaesthesia and Critical care was started by the Gujarat University of Transplantation Sciences from the academic year 2018-19. The purpose of this course is to enhance the skills and knowledge among the professionals as per the current needs of academics and society.

To acquire academic excellence as well as clinical and non-clinical skill competencies as desired by the course, the student shall actively participate in teaching learning activities as per the curriculum of the course. As this course is skill enhancement clinical course, it is a fulltime academic course.



**ADMISSION NOTICE FOR  
FELLOWSHIP IN LIVER TRANSPLANT ANESTHESIA AND CRITICAL CARE**

**Introduction and guidelines for fellowship courses:-**

Fellowship and/ or Certificate courses are being started by the Gujarat University of Transplantation Sciences from the academic year 2020-21. The purpose of these courses is to enhance the skills and knowledge among the professionals as per the current needs of academics and society. These courses will only aim at enhancing one or more basic competencies as defined for the eligibility qualification for the said course.

To acquire academic excellence as well as clinical and non-clinical skill competencies as desired by the course, the student shall actively participate in teaching learning activities as per the curriculum of the course. As these Fellowship /or Certificate Courses are skill enhancement clinical courses these are fulltime academic courses.

Applications are invited for Fellowship In Liver Transplant Anesthesia and Critical Care course for the academic year 2020-21 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:** 2

**CURRICULUM:** displayed on website: [www.guts.education](http://www.guts.education)

**ELIGIBILITY:**

- Candidates who have passed Medical Post Graduate degree Course recognized by the Medical Council of India are eligible to join in Fellowship course in Liver Transplantation Anaesthesia and Critical Care. This includes M.D.(Anaes.) /DNB (Anaes). One year Post - PG experience is not required for admission to this course.

**SELECTION:**

- Selection will be based on merit, number of attempts and personal interview.



## **FEE STRUCTURE:**

### **Tuition Fees:**

Tuition Fees: Rs. 50,000/- per year

Deposit: Rs. 10,000/-

- Selected candidates must pay the fees within seven days of selection.
- If the candidate does not pay the fees within seven 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.education>

## **SUBMISSION OF APPLICATION FORMS**

1. All interested candidates having the eligibility criteria mentioned above can download the Application Form from the above mentioned website. All the entries in the form should be clear, legible and correct. Please do not try to alter the form in any way. Candidates are advised to print the application form on one side of the paper only.

2. 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 in format given in Application Form.**

3. The completed and signed application form with all necessary enclosures should be mailed to The Registrar, GUTS, IKDRC-ITS premises, Civil Hospital campus, Asarwa, Ahmedabad-380016 on or before Tuesday, 15<sup>th</sup> September, 2020 by Registered/Speed Post/hand delivery only. An envelope containing the Application should be superscripted “APPLICATION FOR FELLOWSHIP IN LIVER TRANSPLANT ANESTHESIA AND CRITICAL CARE”. Applications sent by Fax will not be entertained.

OR



**Scanned copy Single PDF file (Including Application Form and Enclosure) of completed and signed application form with all necessary enclosures should be send by email on [registrar-guts@gujarat.gov.in](mailto:registrar-guts@gujarat.gov.in).**

**Important Note: If application is send through email as mentioned above there is no need to submit hard copy by Registered/Speed Post/hand delivery**

4. Duly completed application form must be accompanied with a Demand Draft payable at Ahmedabad for Rs. 1,000/- (Rupees One Thousand Only) drawn in favor of “Gujarat University of Transplantation Sciences, Ahmedabad”.

**OR**

Applicant can deposit fees online in following bank account

Account No: 584801010050017

Bank: Union Bank of India, Civil Hospital Compound, Asarwa, Ahmedabad

IFS Code: UBIN0558486

Fees submitted with this form is not refundable in any case.

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 **1<sup>st</sup> January 2020**.

**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.**

- Passing /Degree Certificate from the concerned University.
- Mark sheets of the final University Examination.
- Document to prove the date of birth.



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 receipt of completed application form – 15<sup>th</sup> September, 2020, up to 4 PM.
- ❖ Looking to the present Covid-19 Pandemic dates of Display of Merit List, Counselling of candidates, Commencement of Courses etc. will be communicated to the candidates later on GUTS website: <http://guts.education>.
- ❖ CONTACT DETAILS:

**Dr. J. C. Lilani**

**Registrar**

**Gujarat University of Transplantation Sciences (GUTS)**

**IKDRC-ITS Premises, Civil Hospital - Medicity Campus, Asarwa,**

**Ahmedabad – 380 016,**

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