

**PROSPECTUS FOR ADMISSION TO DIPLOMA IN  
DIALYSIS TECHNOLOGY COURSE (DDT) 2021-2022**



**LISIE COLLEGE OF ALLIED HEALTH SCIENCES  
LISIE MEDICAL AND EDUCATIONAL INSTITUTIONS**

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## **LISIE COLLEGE OF ALLIED HEALTH SCIENCES**

### **LISIE MEDICAL AND EDUCATIONAL INSTITUTIONS**

**Lisie Hospital**, founded in 1956, registered, owned and managed by the Archdiocese of Ernakulum - Angamaly, is one of the oldest and esteemed charitable multi-specialty hospital in Kerala state, with an exemplary record of matchless expertise and affordable service. The 750 bed facility is well equipped with operation theatres, dialysis units, intensive care units, coronary units and other specialized departments to provide facilities of International standards to the patients at an affordable cost. One of the significant aspects of Lisie hospital has been its emphasis on training of medical, nursing, pharma and para-medical professionals in Kerala through DNB programs, Nursing College & School, Pharmacy College & College of Allied health Sciences.

#### **Lisie College of Allied Health Sciences**

It is a premier educational establishment of **Lisie Medical and Educational institutions-** (a leading healthcare education provider in Kerala and registered Charitable Trust) - owned and managed by the Archdiocese of Ernakulam - Angamaly. It understands the value of all kinds of Allied Health professionals and conducts various courses to train the Allied Health professionals/students to become top notch in their professional career and serve people better. It is well equipped with all the modern facilities and highly qualified faculty to impart high quality medical education to students. It consistently updates its set of courses in response to the rapid growth in medical technology and research. Hence, students of these courses get ample exposure to the different specialties of Allied Health streams.

	<b>Courses</b>	<b>Seats</b>	<b>Duration</b>	<b>Affiliation/Recognition</b>
1	BSc Medical Laboratory Technology(BSc MLT)	15	4 years	Kerala University of Health Sciences and Government of Kerala
2	Bachelor of Cardiovascular Technology (BCVT)	4	4 years	Kerala University of Health Sciences and Government of Kerala
3	Diploma In Dialysis Technology (DDT)	15	2 years	Directorate of Medical Education and Government of Kerala (50% Seats will be shared with Govt of Kerala)
4	Diploma In Medical Laboratory Technology (DMLT)	30	2 years	Directorate of Medical Education and Government of Kerala (50% Seats will be shared with Govt of Kerala)

## **DIPLOMA IN DIALYSIS TECHNOLOGY (DDT)**

**(Recognized by Directorate of Medical Education, Government of Kerala)**

### **Introduction**

At present there is a shortage of qualified Dialysis Technicians. This course was started to address this need and to supply necessary qualified and experienced Dialysis Technicians to hospitals in India and abroad where excellent employment opportunities await them.

### **1. General Information**

1. Name of the Course: Diploma in Dialysis Technology(DDT)
2. Objective: To train the students to carry out various techniques of Haemodialysis and peritoneal dialysis and to perform techniques of dialysis independently.
3. Total Number of seats –15
4. Admission Requirements: Selection to 50% of seats shall be made by the Director of Medical Education and 50% by the Management. Selection will be made on the basis of merit, based on the marks obtained in the qualifying examination and interview
5. Eligibility of Admission:
  - a) Minimum Educational Qualification: Candidates who have passed HSE, Kerala or examinations recognized equivalent thereto, with 40% marks in Physics, Chemistry and Biology put together. There shall be written examination and personal interview for selection if needed.
  - b) Nativity: Indian citizen of Kerala origin is eligible for admission.
  - c) Age limit: applicants shall have completed 17 years of age on 31.12.2021 and upper age limit is 35 as on 31.12.2021.

### **2. Course Content**

#### **2.1 Duration of the Course and Structure:**

- The duration of the course shall be 2 years including one year internship.
- After one year of classes and practical training the candidate has to appear for examination in 2 theory papers conducted by Directorate of Medical Education (DME), Kerala. Practical examination also will be conducted by DME, Kerala.
- The successful candidates have to undergo one year of internship after which the degree will be awarded by DME, Kerala.

### 3. Syllabus prescribed for Diploma in Dialysis Technology

#### **Paper I - Fundamentals of Nephrology and Dialysis Technology**

General Orientation in Nephrology, History and Evaluation of Dialysis, Principles of Dialysis - Diffusion, Osmosis, Ultra Filtration, Principles of sterilization and sterile precautions, Vascular access for dialysis, Anticoagulation in Haemodialysis, Functions of dialysis monitors and Principles of its working, Artificial kidneys - evolution and types, dialyser reuse, dialyser handling, disinfections and disposal, Water quality and water treatment for dialysis, Acute haemodialysis prescription, Complications during dialysis - short term and long term, Adequacy of dialysis, Infection diseases and Infection control, Laboratory investigations in relation to dialysis.

#### **Paper-II Recent Advance in Nephrology and Dialysis Technology**

Peritoneal Dialysis, Recent advances in dialysis, H-E, H-F therapies in clinical dialysis, Alternatives in uremia therapy, Sorbent dialysis, Continuous Renal replacement therapy, Haemo perfusion and dialysis in poisoning, Plasmapheresis, Evaluation procedure.

**4. Attendance:** Minimum 80% required to appear in the final examination

**5. Examination:** at the end of 1<sup>st</sup> year

Authority to conduct Examination and award Diploma: Director of Medical Education

Theory examination: Duration -3 hrs, Maximum marks- 100 each paper

Paper-I Fundamentals of Nephrology and Dialysis Technology

Paper-II Recent Advance in Nephrology and Dialysis Technology

Practical: One day; Maximum mark-150

**Criteria for a pass in the subject:** Minimum of 50% marks in each of the subjects

### 6. Fee Structure\*

\* Subject to change depending on the decision by Government of Kerala

	Government seats		Management seats	
	1 <sup>st</sup> year	2 <sup>nd</sup> year	1 <sup>st</sup> year	2 <sup>nd</sup> year
Tuition Fee	27,500/-	27,500/-	55000/-	55,000/-
Special Fee	10,000/-	7,500/-	10,000/-	7,500/-
Caution deposit	2,000/-	NA	2,000/-	NA
<b>Total</b>	<b>39,500/-</b>	<b>35,000/-</b>	<b>67,000/-</b>	<b>62,500/-</b>

## 6.1 Refund or Adjustment of Fees

If a candidate leaves the college/course after the admission is closed, the fees paid by him/her will be liable for forfeiture and also he/she will have to pay liquidated damages equivalent to the tuition fee for the remaining duration of the course.

## **6.How To Apply**

- ❖ The prospectus can be downloaded from the website [www.lcoahs.edu.in](http://www.lcoahs.edu.in)
- ❖ The application should be submitted online by using the link *Admission 2021-22* <https://lcoahs.edu.in/admission2021-22> available in the college website [www.lcoahs.edu.in](http://www.lcoahs.edu.in)
- ❖ Application fee (Rs.250/-) can be remitted by login to the online application registration link provided on our website [www.lcoahs.edu.in](http://www.lcoahs.edu.in)

## **Steps to be followed for filling the Application**

1. Open the website: [www.lcoahs.edu.in](http://www.lcoahs.edu.in) and click on the application link (*Admission 2021-22*) <https://lcoahs.edu.in/admission2021-22>
2. Select the course and register for the login ID and Password
3. Login to the online application link using the ID and Password received in your mail
4. Enter the following details in the columns provided
  - Name (Block letters)
  - Age ,Sex, Date of Birth
  - Height & Weight
  - Marital status
  - Religion and Caste
  - Address of the Guardian
  - Address, Contact phone Number with code
  - Relationship
  - Occupation
  - Educational Qualifications
5. Enter the marks obtained in the qualifying examinations
6. Documents to be uploaded along with the application form  
The self-attested copy of following certificates should be uploaded in the given link along with online application form, failing the same lead to the rejection of application.
  - Mark list(s) of qualifying Examination(HSC/equivalent)
  - SSLC or equivalent Certificate to prove date of birth
  - Religion/cast/community certificate from Revenue authorities of Govt of Kerala (Village officer/Thahasildar ) for considering Christian minority seat
7. Documents to be submitted at the time of allotment  
Application form, Original and two self-attested copies of following certificates should be submitted at the time of allotment, failing the same lead to the rejection of admission)

- SSLC or equivalent Certificate to prove date of birth
- Aadhaar
- Mark list(s) of qualifying Examination(HSC/equivalent)
- Conduct certificate
- Transfer certificate
- Migration certificate (If necessary)
- Community certificate
- Nativity certificate
- A medical fitness certificate showing suitability to undergo the course.

**Last date of submission of online application: 20.09.2021**

### **7. Code of Conduct**

Every student is required to adhere strictly to the code of conduct of the institution.

### **8. Caution**

#### **8.1 Prohibition of Ragging:-**

Ragging / any type of misconduct towards any students either in the college campus or outside will be considered as a criminal offence and will be immediately reported to the police. Perpetrators will not be permitted to continue their studies. Every student shall at the time of admission furnish a character certificate from the institute where from he/she has passed the qualifying examination, which would mention the status his/ her behavioral pattern especially in terms as to whether he/ she has displayed persistent violent, or aggressive behavior or any desire to harm others.

### **ADMISSION SCHEDULE FOR THE ACADEMIC YEAR 2021-22**

<b>No</b>	<b>EVENT/PARTICULARS</b>	<b>DDT</b>
1	Issue of Application form begins ( <a href="http://www.lcoahs.edu.in">www.lcoahs.edu.in</a> ) <a href="https://lcoahs.edu.in/admission2021-22">https://lcoahs.edu.in/admission2021-22</a>	13.08.2021
2	Last date of submission of online application	20.09.2021
3	Publication of Provisional Rank List of applicant with remarks on website ( <a href="http://www.lcoahs.edu.in">www.lcoahs.edu.in</a> )	24.09.2021
4	In case of any discrepancies in Provisional Rank Lists, it may be intimated to the college office by E Mail to <a href="mailto:admissions@lcoahs.edu.in">admissions@lcoahs.edu.in</a>	26.09.2021 (Before 4 pm)
5	Publication of Final rank lists on the website/Notice board	30.09.2021
6	Verification of documents and commencement of admission	12.10.2021
7	Publishing the joining and non-joining candidate list	22.10.2021
8	2 <sup>nd</sup> /3 <sup>rd</sup> spot allotment etc shall be conducted to vacant seats if any if required	Dates shall be announced on 25/10/2021