

## **Diploma in Operation Theatre & Anesthesia Technology (DOTAT – 10 Seats)**

### **Objective**

- The aim of the course is to train candidates in assisting Anesthesiologist in the OT and CCU as well as in the operation and maintenance of theatre equipment and hospital pipeline system.
- Cater students with the knowledge and skills required to work in operation theatres and assist anesthesiologists in the safe and efficient delivery of patient care during surgical procedures

### **Eligibility**

Candidates who have passed Higher Secondary examination of the Board of Higher Secondary Education Kerala, VHSE Kerala, CBSE, ICSE or examinations recognized equivalent thereto, with 40% marks in Physics, Chemistry and Biology put together, are eligible

### **Admission Policy**

Out of the total Seats 50% Seats (5 Seats) are filled by the management and the remaining 5 Seats by Government of Kerala through allotment conducted by LBS or any entrusted bodies of the government.

### **Duration**

2 years + Six Months internship

### **Course Outline: -**

- The curriculum includes a combination of theoretical classes, practical training, clinical rotations, and hands-on experience in the operation theatre and anaesthesia departments.
- Subjects taught are (i) Basic Science including Pharmacology (ii) Biomedical Equipments (iii) Operation Theatre Anesthesia Techniques.
- Examination will be at the end of second year, minimum of 50% marks in each of the subjects is required for a pass.
- Followed by internship for six months.
- Pass certificate will be issued only on successful completion of six months practical training at the attached hospital

At the end of the course students will be able to perform as Anaesthesia and Operation Theatre technologists in charge of delivering direct and indirect patient care, as well as setting up equipment and preparing patients for surgery. They support surgeons (and anaesthesiologists) during procedures and monitor and assess patients before, during, and after surgery.