

## **COURSE: BSc ANAESTHESIA AND OPERATION THEATRE TECHNOLOGY**

**INTRODUCTION:** B.Sc anaesthesia & OT technology is a course designed to provide in depth knowledge & impart skills for working as an assistant to the consultant anaesthesiologist as well as to assist in preparation of operation theatre before & during an elective or emergency surgery.

### **Objectives:**

- The course is designed to meet the growing demand of experts in the fields of anaesthesia technology & operation theatre management, medical ethics, post operative care.

**Duration:** - Duration shall be for a period of Four years including twelve months of Internship.

### **Course Structure:**

<b>First Semester Subjects</b> <ul style="list-style-type: none"><li>• Anatomy</li><li>• Physiology</li><li>• Biochemistry</li><li>• Medical Terminology</li><li>• English</li></ul>	<b>Second Semester Subjects</b> <ul style="list-style-type: none"><li>• Pathology</li><li>• Microbiology</li><li>• Pharmacology</li><li>• Kannada</li><li>• Healthcare</li></ul>	<b>Third Semester Subjects</b> <ul style="list-style-type: none"><li>• Introduction to Anaesthesia and Operation Theatre Technology</li><li>• Applied Pathology</li><li>• Applied Microbiology</li><li>• Computer application/programming</li><li>• Environment science and Health</li></ul>
<b>Fourth Semester Subjects</b> <ul style="list-style-type: none"><li>• Applied Pharmacology</li><li>• Basics of Anaesthesia</li><li>• Medicine relevant to Anaesthesia and Operation Theatre Technology</li><li>• Biostatistics and Research methodology</li><li>• Constitution of India</li></ul>	<b>Fifth Semester Subjects</b> <ul style="list-style-type: none"><li>• Clinical Anaesthesia and Operation Theatre</li><li>• Applied Anaesthesia and Operation Theatre</li><li>• Advanced Anaesthesia and Operation Theatre</li><li>• Medical Psychology</li></ul>	<b>Sixth Semester Subjects</b> <ul style="list-style-type: none"><li>• Speciality Anaesthesia and Operation Theatre</li><li>• Emergency Medicine and Technique</li><li>• Surgery relevant to Anaesthesia and Operation Theatre</li><li>• Hospital management</li></ul>

**Special features:**

- 10 well equipped Ultra modern Operation Theatres of Srinivas Hospital which can handle all types of surgeries in basic and Super Speciality departments.
- Competent & highly skilled anaesthesiologist to impart requisite knowledge and skills thus developing independent professionals.
- A full fledged Pre operative and Post operative ward in Srinivas Hospital to expose the students to various practical aspects of anaesthetic care.

**Career opportunities:**

Graduates holding the above degree have immense scope to work as assistants in operation theatres both India and abroad in Corporate Hospitals, Medical Colleges, Nursing Home.