

SRINIVAS UNIVERSITY



COLLEGE OF ALLIED HEALTH SCIENCES

**ADDRESS: SRINIVAS NAGAR, MUKKA, SURATHKAL, MANGALORE –
575023, INDIA WWW.SRINIVASUNIVERSITY.EDU.IN**

EMAIL ID: ADMISSION@SRINIVASUNIVERSITY.AC.IN

CONTACT: 8242425966, 07026436197, 0824-2412382

B.Sc. Medical Laboratory Technology

INTRUDUCTION: The B.Sc in Medical laboratory Technology course is concerned with the diagnosis, prognosis, treatment and prevention of diseases through the use of clinical laboratory tests. Laboratory information has a profound impact on patient diagnosis .The job of a medical laboratory technician is of extreme value in the healthcare sector. In addition to these, laboratory findings are essential for epidemiological surveillance and research purpose

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

OBJECTIVES: The course is aimed at evolving a fully trained qualified Medical Laboratory Technologists capable of working independently in all sections including Microbiology, Biochemistry, Pathology, Blood bank, Research laboratories and Molecular diagnostic/virology laboratories

SPECIAL FEATURES:

- A well-established Central Diagnostic Laboratory which is attached to Tertiary care Srinivas Hospital which is a 650 bedded super specialty hospital provides wide exposure to the aspiring technologists.
- Quality procedures, Standard Operating Procedures & Laboratory safety managed by well – trained staff technologists & faculty members
- Highly qualified medical post graduates & Allied Health Post graduates teachers to handle theory and practical classes
- CME and other workshops, conferences are conducted throughout the year which helps in updating current knowledge of both students and teachers
- Students are highly encouraged in participating/presenting seminars/workshops conducted in state and national levels

- Students are trained in communication skills by guest lectures
- Also students are getting trained in molecular diagnostic laboratory attached to Srinivas Hospital
- Students are strictly enrolled in Blood Bank Camps conducted outside the campus
- Our students are trained in NABL , CAP, ISO and other medical laboratory accreditation process
- Students are enrolled in life saving training programs such as cardiopulmonary resuscitation (CPR), Fire and Safety etc
- Updating knowledge is our prime concern. So we always make healthy changes time to time



ELIGIBILITY:

- Two year Pre-University examination or equivalent as recognized by University with Physics, Chemistry and Biology as principle subjects of study.
- Lateral entry to second year for candidates who have passed Diploma in MLT program from the Government Boards and recognized by University (fulfilling the conditions specified) are eligible to take admission on lateral entry system only in the same subject studied at diploma level.
- Age limit: A candidate seeking admission to B.Sc. MLT shall have completed the age of 17 as on 31st December of the year of admission

CAREER OPPORTUNITIES

The Course provides wide scope for aspirants to work as----

- Medical Laboratory Technologist in Indian Hospitals and Overseas (abroad)
- Phlebotomist in Public Health Laboratories and CDCS
- As technologists in Research laboratories, Biomedical, Genetic/Life science laboratories, Molecular diagnostics/virology Laboratories
- Demonstrator/ Lecturer in paramedical colleges
- As Student-lab technologist in Colleges like Medical ,Paramedical ,Nursing, Pharmacology to handle academic related practical works
- Quality manager in diagnostic laboratories
- Laboratory safety officer in large diagnostic laboratories
- Work as technical assistant in Marketing divisions of Automated analyzer manufacturing and reagent Production/Biomedical Companies

Course Structure:

First Semester Subjects	Second Semester Subjects	Third Semester Subjects
Anatomy	Pathology	Biochemistry Part 1
Physiology	Microbiology	Pathology Part 1
Biochemistry	Pharmacology	Microbiology Part 1
Medical Terminology	Kannada	Computer application/programming
English	Healthcare	Environment science and Health
Fourth Semester Subjects	Fifth Semester Subjects	Sixth Semester Subjects
Biochemistry Part 2	Biochemistry Part 3	Biochemistry Part 4
Pathology Part 2	Pathology Part 3	Pathology Part 4
Microbiology Part 2	Microbiology Part 3	Microbiology Part 4
Biostatistics and Research methodology	Medical Psychology	Hospital management
Constitution of India		