



SRI VENKATESWARAA UNIVERSITY

No.51, GNT Road, (Near Nallur Toll Plaza)
Redhills, Chennai 600067.

COLLEGE OF ALLIED HEALTH SCIENCE



YOUR HEALTH IS OUR PRIORITY

OUR AIM IS TO MAKE TODAY'S
UNDERGRADUATES TOMORROW'S
ASPIRANTS



OVERVIEW ON B.Sc. ALLIED HEALTH SCIENCES.....

B.Sc. Allied Health Sciences is an umbrella term for various undergraduate courses that prepare students to work as essential healthcare professionals alongside doctors, nurses, and other medical staff. These courses focus on the diagnosis, treatment, prevention, and rehabilitation of patients through technical and clinical support roles. Allied health professionals play a critical role in the healthcare system, contributing to patient care, diagnostics, therapy, and health management. The courses are designed to provide theoretical knowledge, practical skills, and clinical exposure in specialized areas of healthcare. B.Sc. Allied Health Sciences is a vital and dynamic field offering numerous specialized career paths for students passionate about healthcare but interested in technical and clinical roles outside of traditional medicine and nursing. With advancements in medical technology and expanding healthcare infrastructure, these courses provide excellent prospects for employment and professional development

Courses Offered

Sri Venkateswara College of Allied Health Sciences offers over 10 specialized undergraduate programs that cater to different healthcare sectors:

- ⊕ B.Sc. Anaesthesia Technology
- ⊕ B.Sc. Cardiac Care Technology
- ⊕ B.Sc. Physician Assistant
- ⊕ B.Sc. Radiology and Imaging Technology
- ⊕ B.Sc. Renal Dialysis Technology
- ⊕ B.Sc. Respiratory Care Technology
- ⊕ B.Sc. Emergency Trauma Care Technology
- ⊕ B.Sc. Optometry
- ⊕ B.Sc. Medical Laboratory Technology
- ⊕ B.Sc. Clinical Nutrition

Course Duration

Duration: 3 Years of Academics and 1 Year of internship

Eligibility

Eligibility: Candidates must have completed 10+2 (Senior Secondary) education or an equivalent qualification from a recognized board with minimum aggregate of 60% marks in the 10+2 examination is required.

Courses Offered

B.Sc ANAESTHESIA TECHNOLOGY

B.Sc in Anaesthesia Technology is an undergraduate program that focuses on the study of anaesthesia techniques and the role of anaesthesia technologists in surgical and critical care settings. This course includes both academic study and practical training. The program equips students with the knowledge of anaesthetic drugs, techniques, patient monitoring, and post-operative care.

B.Sc CARDIAC CARE TECHNOLOGY

B.Sc. in Cardiac Care Technology is a 4-year undergraduate allied health science program that prepares students to assist in the diagnosis and treatment of heart-related conditions. The course trains students to operate and manage cardiac care equipment, assist cardiologists during procedures like echocardiograms, stress tests, and cardiac catheterization, and monitor patients in critical care units.

B.Sc PHYSICIAN ASSISTANT

B.Sc. in Cardiac Care Technology is a 4-year undergraduate allied health science program that prepares students to assist in the diagnosis and treatment of heart-related conditions. The course trains students to operate and manage cardiac care equipment, assist cardiologists during procedures like echocardiograms, stress tests, and cardiac catheterization, and monitor patients in critical care units.

B.SC. RADIOLOGY AND IMAGING TECHNOLOGY

B.Sc. in Radiology and Imaging Technology is a 4-year undergraduate program designed to train students in the use of medical imaging techniques to diagnose and monitor various diseases. The course covers the operation of advanced imaging equipment such as X-rays, CT scans, MRI, ultrasound, and nuclear medicine. Students learn both theoretical and practical aspects of radiographic procedures, image interpretation basics, patient positioning, radiation safety, and equipment maintenance.

B.SC. RENAL DIALYSIS TECHNOLOGY

B.Sc. in Renal Dialysis Technology is a 4-year undergraduate allied health science program that prepares students to specialize in the treatment of patients with kidney failure. The course focuses on training students in the operation and management of dialysis machines, patient care before, during, and after dialysis, and understanding kidney diseases and their management. Dialysis technologists play a vital role in nephrology teams, ensuring the effective and safe treatment of patients undergoing hemodialysis and peritoneal dialysis.

B.SC. RESPIRATORY CARE TECHNOLOGY

B.Sc. in Respiratory Care Technology is a 4-year undergraduate allied health science program that trains students in the assessment, treatment, and management of patients with respiratory and cardiopulmonary disorders. Respiratory therapists work closely with physicians in intensive care units (ICUs), emergency departments, and pulmonary rehabilitation centers to provide life-supporting care. The course equips students with skills in operating ventilators, managing oxygen therapy, conducting pulmonary function tests, and responding to respiratory emergencies.

B.Sc. EMERGENCY CARE TECHNOLOGY

B.Sc. in Emergency Care Technology is a 4-year undergraduate program in allied health sciences that trains students to provide immediate medical care during emergencies and trauma situations. Emergency care technologists are critical members of emergency medical teams, capable of handling pre-hospital care, trauma management, and life-saving procedures. The course focuses on preparing students to assess and manage patients in emergency conditions such as cardiac arrest, accidents, strokes, burns, and other critical medical situations, both in hospital emergency departments and in ambulance services.

B.Sc. OPTOMETRY

B.Sc. in Optometry is a 4-year undergraduate program that trains students to become eye care professionals skilled in diagnosing and managing vision problems, eye diseases, and prescribing corrective lenses. The program combines theoretical knowledge with clinical training to develop expertise in optometric techniques, eye examinations, and the use of optical instruments. Optometrists play a vital role in primary eye care, working closely with ophthalmologists and other healthcare providers to enhance patients' vision and overall eye health.

B.Sc. Medical Laboratory Technology

B.Sc. in Medical Laboratory Technology (MLT) is a 4-year undergraduate program designed to train students in performing diagnostic tests and laboratory procedures that help in the detection, diagnosis, and treatment of diseases. Medical laboratory technologists are essential healthcare professionals who work in the clinical labs. The course provides a strong foundation in laboratory techniques, handling and analysis of biological samples, and the use of medical lab equipment.

B.SC. CLINICAL NUTRITION

B.Sc. in Clinical Nutrition is a 4-year undergraduate program that educates students on the science of nutrition, diet planning, and management of health through food. The course focuses on understanding the role of nutrients in health and disease, and training students to provide dietary advice and therapeutic nutrition care for patients. Graduates work closely with doctors and dietitians to help manage conditions like diabetes, heart disease, obesity, and malnutrition through tailored nutrition plans.