



Centurion
UNIVERSITY
NAAC "A" GRADE, UGC & AICTE APPROVED

CHAM PIONS OF CHANGE

HEALTH SCIENCES

**THE WORLD OF EDUCATION IS CHANGING.
THE METHODS OF LEARNING ARE CHANGING.
AND SO ARE THE POSSIBILITIES.
NOW, WHEN THE OFFBEAT AND UNEXPLORED
ARE THE MAINSTREAM, ISN'T IT ABOUT TIME
YOU EMBRACED THE CHANGE?**

**AT CENTURION UNIVERSITY, CHANGE WAS OUR
ONLY CONSTANT. IT WAS OUR VISION FROM DAY
ONE. WITH OUR EXPERIENTIAL LEARNING
METHODS, FACILITIES AND FRESH APPROACH AT
EDUCATION, WE BACK CHANGE. ADVOCATE IT. AND
MORE THAN ANYTHING ELSE, WE CHAMPION IT.**

**AND TODAY,
WE ARE SURGING
AHEAD AND RIDING
THIS WAVE OF CHANGE.
RIGHT AT THE
FOREFRONT.**

CENTURION AT A GLANCE

Since its inception in 2005 by a group of ambitious academics with aspirations to provide high quality education, both nationally and internationally, Centurion University of Technology and Management (CUTM) has been a front-runner in the world of education and has numerous academic achievements to its name. The University has focused on 'hands-on', 'experience-based', 'practice-oriented' learning that makes a difference through appropriate and relevant innovation and action research.

Centurion University is redefining the learning platform through:

- I Skill integrated, domain linked, teaching and learning*
- I Industry and community partnerships*
- I Creation and co-creation of enterprises*
- I An eco-system approach which includes community, enterprise, industry and educational institutes.*

The University has five campuses and a number of social entrepreneurial outreach wings that, along with collaborating institutions and networks, form its ecosystem.

The campuses are located at Paralakhemundi, Bhubaneswar, Visakhapatnam, Rayagada, Bolangir and Chatrapur and they house a number of Schools.

They are:

- I M. S. Swaminathan School of Agriculture*
- I School of Paramedics and Allied Health Sciences*
- I School of Architecture and Planning*
- I School of Applied Sciences*
- I School of Engineering and Technology*
- I School of Management*
- I School of Media and Communication*
- I School of Pharmacy and Life Sciences*
- I School of Vocational Training*
- I Institute of Knowledge Societies*

HEALTH SCIENCES

In a world where life is moving ahead at a rapid pace, it is important that we keep up with the changing environment. Life processes, be it of humans or other species, have been witnessing transformations of varying magnitudes in recent times. And it has become a prerequisite that we are aware of the changes that are happening and have the skills to find the answers for questions that these changing times may present before us.

Health Sciences is the discipline of applied science that deals with living organisms and life processes, provides important insights into disease processes, and allows the development of innovative medical devices and therapeutics, thereby directly improving human health. This also enables an understanding of the environment and other living species who we share our planet with.

At Centurion University, with our experiential learning approach, we will make sure that you are equipped with the required skills to succeed in this new environment where initiative, innovation and risk taking are valued. And along the way, champion this change.

PROGRAMS OFFERED

UG PROGRAMS

- Bachelor of Science **Cardiac Technology***
- Bachelor of Science **Anaesthesia Technology***
- Bachelor of Science **Radiology***
- Bachelor of Science **Optometry***
- Bachelor of Science **Medical Lab Technology***
- Bachelor of Science **Medical Botany***
- Bachelor in **Pharmacy** / **Diploma in Pharmacy***
- Bachelor of Technology **Biotechnology***
- Bachelor of Technology **Dairy Technology***



BACHELOR OF SCIENCE - CARDIAC TECHNOLOGY

| Academic Focus

B.Sc. Cardiac Technology is an undergraduate cardiology course with specialization. Cardiac technology is an area of specialization for allied health professionals. Cardiovascular technologists and technicians assist physicians in the diagnosis and treatment of cardiac and peripheral vascular conditions. Cardiac technologists prepare patients for open heart surgeries and implantation of pacemakers.

| Eligibility Criteria

Candidates must have passed 10+2 with a minimum aggregate of 50% score in Science with Biology.

Duration of Course - Three years



BACHELOR OF SCIENCE - ANAESTHESIA TECHNOLOGY

| Academic Focus

Under the B.Sc. in Anaesthesia Technology program, students are provided with training in different anaesthesia equipment, anaesthesia agents, techniques that need to be used for giving anaesthesia as well as its allowable dosage. The subjects that are taught during the three years of graduation include Anaesthesia Technology, Medical Technology, Fundamentals of Operation Theatre, and Anaesthesia and Operation Theatre techniques.

| Eligibility Criteria

Candidates must have passed 10+2 with a minimum aggregate of 50% score in Science with Biology.

Duration of Course - Three years



BACHELOR OF SCIENCE - RADIOLOGY

| Academic Focus

Radiography is the science of imaging human anatomy. Radiography as a profession calls for considerable technological expertise. Radiographers work as part of the healthcare team in many areas of a hospital including the Diagnostic Imaging Departments, Accident & Emergency, Intensive Care Unit and Operation Theatre. Radiographers are responsible for producing high quality images to assist in the diagnosis of disease and injury.

| Eligibility Criteria

Candidates must have passed 10+2 with a minimum aggregate of 50% score in Science with Biology. Admission based on the entrance test of CUTM.

Duration of Course - Three years



BACHELOR OF SCIENCE - OPTOMETRY

| Academic Focus

This discipline deals with the structure, function and operation of the human eye. Optometrists are health professionals who have specialized in eye care. They deal with eye testing and provide solutions to patients suffering from vision disorders such as partial sight, hereditary vision defects, squint, weakening of eye muscles etc. They suggest alternate vision aids such as spectacles or contact lenses.

| Eligibility Criteria

Candidates must have passed 10+2 in Science with Biology, Physics & Chemistry or Physics, Chemistry & Mathematics or Computers with a minimum of 50%. Admission based on the entrance test of CUTM.

Duration of Course - Four years



BACHELOR OF SCIENCE - MEDICAL LAB TECHNOLOGY

| Academic Focus

The program aims to provide efficient and balanced training in laboratory medicine. Students receive a stimulating, challenging and supportive academic experience alongside a fulfilling and enjoyable social life.

| Eligibility Criteria

Candidates must have passed 10+2 with 50% in Science with Biology. Admission based on the entrance test of CUTM.

Duration of Course - Three years



BACHELOR OF SCIENCE - MEDICAL BOTANY

| Academic Focus

Medical botany as a domain of study deals with the application of traditional and ancient medicinal knowledge for therapeutic and rehabilitation purposes. The main aim of this course is to revive the medicinal and pharmaceutical knowledge in regards to natural medicine so as to provide a sustainable and suitable care to the patients.

| Eligibility Criteria

Candidates must have passed 10+2 with a minimum aggregate of 50% score in Science with Biology.

Duration of Course - Three years



BACHELOR IN PHARMACY DIPLOMA IN PHARMACY

| Academic Focus

This interdisciplinary program progresses to advanced coursework in pharmaceutical sciences, including aspects of drug design and synthesis, mechanisms of drug action, pharmacology and toxicology, dosage formulation, manufacturing, quality assurance and regulatory compliance. It also prepares students for professional or graduate studies in graduate education in pharmaceutical, medical, and basic sciences and post baccalaureate professional education in medicine, law and business.

| Eligibility Criteria

Candidate must have passed 10+2 in Science with a minimum 50% marks in Physics, Chemistry, Mathematics or Biology. Admission based on the entrance test of CUTM.

Duration of Course -

Bachelor in Pharmacy : Four years | Diploma in Pharmacy : Three years



BACHELOR OF TECHNOLOGY - BIOTECHNOLOGY

| Academic Focus

Biotechnology combines biological sciences with engineering technologies to manipulate living organisms and biological systems to develop products that advance health care, medicine, agriculture, food, pharmaceuticals and environment control. Biotechnology can be classified into two broad categories: R&D in Biological Sciences and Industrial Processes. Some of the best innovations and developments that have come out of Biotechnology and allied fields are: genomic sequencing technology, natural alternatives to pesticides, production of biofuels and developments in stem cells technology.

| Eligibility Criteria

Candidates must have passed 10+2 with 50% aggregate in Science with Mathematics or Biology. Admission based on any nationalized entrance test such as CUEE/JEEMAIN/EAMCET/ WBJEE/other equivalent entrance tests.

Duration of Course - Four years



BACHELOR OF TECHNOLOGY - DAIRY TECHNOLOGY

| Academic Focus

The course is specially designed for young students who have deep interests in dairy technology. The main objective of the course is to make these young students well-versed with each and every detail of dairy production, processing and quality control checks required for various dairy-related products. India being an agriculture-centric country, this field has over the years become extremely popular among youngsters.

| Eligibility Criteria

Candidates must have passed 10+2 with 50% aggregate in Science with Biology. Admission based on any nationalized entrance test such as CUEE/JEEMAIN/EAMCET/WBJEE/other equivalent entrance tests.

Duration of Course - Four years



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*If a career in Health Sciences is what
you are aiming for, then Centurion
University is where you should be.*

CAMPUSES: Paralakhemundi, Bhubaneswar, Visakhapatnam, Rayagada, Bolangir, and Chatrapur.
FOR MORE DETAILS, CALL: 82600 77222

www.cutm.ac.in