



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

CHAMPIONS OF CHANGE

HIGHER EDUCATION

**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*

HIGHER EDUCATION

The world is changing faster than ever before. What was once the highlight is now old news and what was once the most sought-after is now a last option. In this scenario, those who make it big are the ones that keep up with the change. The same is the case with education as well. With more and more options opening up, students are relentlessly pursuing newer areas of learning, and with it increasing the number of job opportunities that come to them.

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

PG PROGRAMS

Master of Technology Design and Manufacturing

Master of Technology Communication Systems

Master of Technology VLSI Design

Master of Technology Power Systems and Control Engineering

Master of Technology Computer Science

Master of Science (Ag.) Agronomy Genetics and Plant Breeding, Horticulture

Master of Science (Ag.) Molecular Biology and Biotechnology

Master of Science (Ag.) Agriculture Extension and Communication

Master of Science (Ag.) Soil Science and Agriculture Chemistry

Master of Science Forensic Sciences

Master of Science



MASTER OF TECHNOLOGY - DESIGN AND MANUFACTURING

| Academic Focus

From academic and industry research perspectives, this program holds very high potential. Graduates from this course attract opportunities from manufacturing and engineering design firms and they can also teach in engineering colleges. They have high demand in the automobile, piping and power sectors as well.

| Eligibility Criteria

Candidate must be an engineering graduate, MCA/M.Sc (IT/CSE) in Computer Science. Admission through GATE or any other equivalent entrance test or through appropriate experience/merit.

Duration of Course - Two years

MASTER OF TECHNOLOGY - COMMUNICATION SYSTEM

| Academic Focus

In the present world, communication engineering is of vital importance for any society. And the explosive growth of Communication Systems suggests a bright future for the communication engineering field. This program is an advanced level course offering a specialization in terms of technology and applications to fulfil the requirements of this industry.

| Eligibility Criteria

Candidate must be an engineering graduate, MCA/M.Sc (IT/CSE) in Computer Science. Admission through GATE or any other equivalent entrance test or through appropriate experience/merit.

Duration of Course - Two years



MASTER OF TECHNOLOGY - VLSI DESIGN

| Academic Focus

VLSI provides improved solutions for high speed networking, high performance computers, and special applications of integrated circuits, requiring the use of multiple disciplines. There is urgent need to absorb and assimilate the latest development in the VLSI and embedded system design field. And the demand for VLSI design engineers and embedded system design engineers is at an all-time high.

| Eligibility Criteria

Candidate must be an engineering graduate, MCA/M.Sc (IT/CSE) in Computer Science. Admission through GATE or any other equivalent entrance test or through appropriate experience/merit.

Duration of Course - Two years



MASTER OF TECHNOLOGY - POWER SYSTEMS AND CONTROL ENGINEERING

| Academic Focus

Power Engineering deals with the generation, transmission and distribution of electricity as well as the design of a range of related devices. These include transformers, electric generators, electric motors, high voltage engineering and power electronics. Control Engineering focuses on the modelling of a diverse range of dynamic systems and the design of controllers that will cause these systems to behave in the desired manner.

| Eligibility Criteria

Candidate must be an engineering graduate, MCA/M.Sc (IT/CSE) in Computer Science. Admission through GATE or any other equivalent entrance test or through appropriate experience/merit.

Duration of Course - Two years



MASTER OF TECHNOLOGY - COMPUTER SCIENCE

| Academic Focus

This program aims at preparing the students to take up application, research and development activities in core and some emerging areas in Computer Science, with focus on AI and AI related applications in a distributed computing environment.

| Eligibility Criteria

Candidate must be an engineering graduate, MCA/M.Sc (IT/CSE) in Computer Science. Admission through GATE or any other equivalent entrance test or through appropriate experience/merit.

Duration of Course - Two years



MASTER OF SCIENCE (AG.) - AGRONOMY GENETICS AND PLANT BREEDING, HORTICULTURE

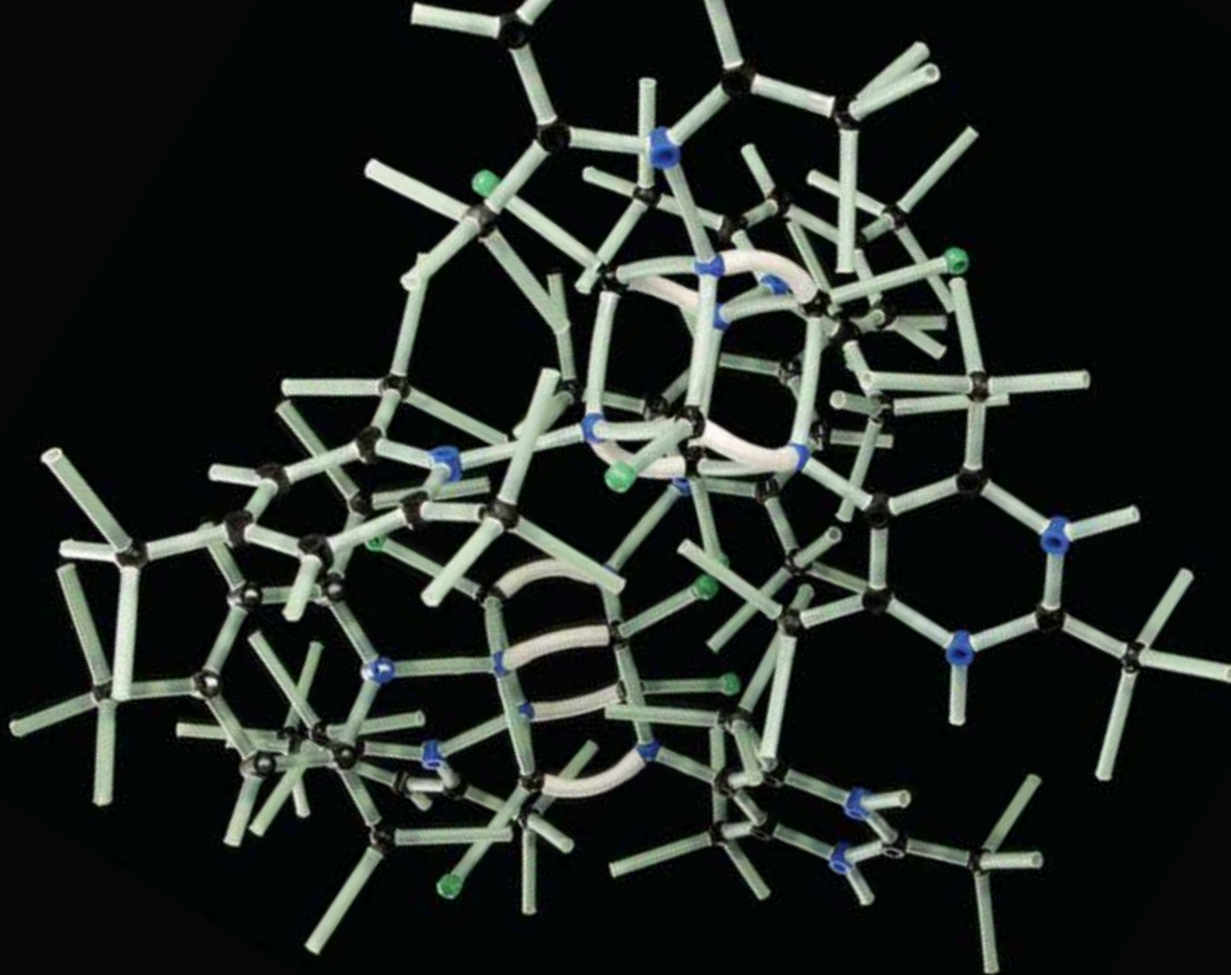
| Academic Focus

Genetics and Plant Breeding is a new and flourishing branch of Modern Biology which deals with the application of Molecular Biology to insert desirable traits into plants. The objectives of this discipline include selecting the best-quality plants in any given field, growing them and then using their seeds to grow further generations, and also the scientific mechanism of transforming the genetic composition of plants over time, for biological and commercial purposes.

| Eligibility Criteria

B.Sc. (Agriculture/Horticulture) of 4 years duration with a minimum aggregate of 50%.

Duration of Course - Two years



MASTER OF SCIENCE (AG.) - MOLECULAR BIOLOGY AND BIOTECHNOLOGY

| Academic Focus

The last decade has seen rapid developments in our understanding of plants and their significance to our well-being and this has been achieved through advances in a range of disciplines including genetics, genomics, cell biology, physiology, ecology and studies on climate change. Graduates of this two-year program will be equipped with the knowledge and skills in these recent advances to rise to the future challenges in academia, industry and policy development.

| Eligibility Criteria

B.Sc. (Agriculture/Horticulture/Sericulture/Forestry) of 4 years with a minimum aggregate of 50%.

Duration of Course - Two years



MASTER OF SCIENCE (AG.) - AGRICULTURE EXTENSION AND COMMUNICATION

| Academic Focus

The endeavor of the agricultural extension program is to transfer technology from the laboratories to the farmers and food producers working in the fields. Training in extension programs are given to suitable graduates, so that the fruits of technology development can be passed on to our fields and the agricultural produce could be maximized. It is a great platform for students to come up with innovative methods and practices that can be very well adopted by the farm hands.

| Eligibility Criteria

B.Sc. (Agriculture/Horticulture) of 4 years duration with a minimum aggregate of 50%.

Duration of Course - Two years



MASTER OF SCIENCE (AG.) - SOIL SCIENCE AND AGRICULTURE CHEMISTRY

| Academic Focus

This two-year program is aimed at carrying out research on the fundamental and applied aspects of the physical, chemical and biological properties of soil; fertilizers and manures and their interaction with soil and plant; improvement and maintenance of soil fertility for sustained optimum agricultural production; utilization of organic residues (wastes) as manure; and soil test crop response correlation studies.

| Eligibility Criteria

B.Sc. (Agriculture/Horticulture) of 4 years duration with a minimum aggregate of 50%.

Duration of Course - Two years

A detailed microscopic image showing various cellular structures, including nuclei and cytoplasm, in shades of blue and white. The image is positioned at the top of the page, above a teal banner.

MASTER OF SCIENCE - FORENSIC SCIENCES

| Academic Focus

At Centurion, the School of Forensic Sciences aims at creating much required experts in the field of investigative science with the application of advanced scientific techniques. The aim of the course is to develop a platform wherein various scientific means and methods are applied so that social justice can be brought about within our society.

| Eligibility Criteria

Candidates holding a Bachelor's degree in disciplines such as Engineering, Pharmacy, Criminology, Forensic Science and Science are eligible to pursue this course. Minimum aggregate marks required is 50%.

Duration of Course - Two years



MASTER OF SCIENCE

| Academic Focus

Master's degree programs offer advanced teaching in a given subject, allowing students to further their careers or continue their education into a Ph.D. program. A Master of Science is usually awarded in a subject within the Natural Science, Mathematics, Medicine or Engineering field.

| Eligibility Criteria

Candidates should have passed B.Sc. with Chemistry/Mathematics/Physics as a major subject, with minimum aggregate marks of 50%.

| Programs Offered

• M.Sc. Applied Chemistry • M.Sc. Applied Mathematics • M.Sc. Applied Physics • M.Sc. Information Technology

Duration of Course - Two years



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

*If top-notch Higher Education 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