



## Centurion UNIVERSITY

Shaping Lives... Empowering Communities...



IDEAS THAT TAKE THE PHARMACEUTICAL SECTOR AND INVESTIGATIONAL FIELD EVEN HIGHER

CAREER

## MADE IN CENTURION

It's true. The students of Centurion University have successfully created their image in Pharmaceutical sectors and sophisticated Forensic science Laboratories.

Moreover, our hands-on learning methods and collaborations with Universities of National Repute like GFSU, Gujarat and Reputed Pharmaceutical Industries along with their scientific experts always encourage our students develop a creator mindset with which they learn to make the world.

- B.Sc. | M.Sc. in Forensic Sciences
- M.Sc. Cybersecurity & Digital Forensics
- MBA-Pharmaceutical Management
- Pharmacy (B.Pharm | D.Pharm.)
- M.Phil. Life Sciences

e-mail: [spls@cutm.ac.in](mailto:spls@cutm.ac.in) | web: [www.cutm.ac.in](http://www.cutm.ac.in)

## Centurion UNIVERSITY

For Details Contact :

**9437280622**  
**8455063822**  
BBSR Campus

**7978485114**  
**8462986074**  
Balasore Campus

**9589362773**  
**9692769860**  
Balangir Campus

**9861875762**  
**9437789485**  
Rayagada Campus

OTHER COURSES: B. Tech | B.Sc | B.Sc (Anaesthesia Technology) | B.Sc ( Cardiac Technology) | B.Sc (Agriculture) | B.Sc (Fishery Sciences) | B.Sc (Lab Technology) | B.Sc (Radiology) | B.Sc (Emergency Medical Care) | B.Sc (Optometry) | B.Sc (Dialysis Technology) | MBA | MBA (Agri Business) | MBA (Data Analytics) | MBA (Development Management) | BBA | BA & MA (Media Studies) | M.Sc | M.Sc (Agriculture) | Diploma | M.Tech | M.Phil

HAPPY FEES EMI Partners: **paytm** AnyTimeLoan.in **paytm CASHBACK** Up to Rs. 2000 on payment of fees







## M. Sc. Forensic Sciences

### Who can Join?

Bachelor of Science or equivalent with 55% marks in aggregate

### About Course:

Course Duration: 2 Years (Four semester), Intake: 40  
Course Fee: Rs. 40,000/- per semester

### Areas of Operation:

Forensic Biology/ Serology & DNA, Forensic Chemistry/ Toxicology Questioned Documents/ Fingerprints, Forensic Physics /Ballistics

## M. Sc. Cybersecurity & Digital Forensics

### Who can Join?

Graduate with Computer Science, ETC, IT or B.E or B. Tech with 50% mark

### About Course:

Course Duration: 2 Years (Four semester), Intake: 40  
Course Fee: Rs. 80,000/- per year

### Areas of Operation:

Digital Forensic Scientist at State & Central Forensic Science Laboratories/CBI, Customs/Detective & Security Agencies/National Informatics Center/Academics/Banking and Finance/Insurance Companies/Information Security

## MBA-Pharmaceutical Management

### Who can Join?

Graduation with Science, Arts and Commerce, or Pharmacy with 50% marks

### About Course:

Course Duration: 2 Years (Four semester), Intake: 40  
Course Fee: Rs. 75,000/- per semester

### Areas of Operation:

At Pharmaceutical Industries and Management of Specialized Warehouse Maintained by Govt. or Public sector Under taking and Private companies

## M. Phil Life Sciences

### Who can Join?

M.Sc. In Life Sciences, Botany, Zo-ology , Biochemistry, Biotechnology, Microbiology, Environ-mental Science etc. with 55% marks (General) (50% for SC/ST)

### About Course:

Course Duration: I Years (Two semester), Intake: 25  
Course Fee: Rs. 65,000/- per year

### Areas of Operation:

as instructors at academic institutions, pursuing Higher Education like doctoral degree, Research organization and and RnD indstries

## B. Pharmacy/D. Pharmacy

**Bachelor in Pharmacy:** It is a four year degree program that begins with a foundation of course work in mathematics and the basic sciences like chemistry, biology, and physics. This interdisciplinary program then progresses to advanced course work in the 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.

**B. Pharm.(Lateral):** The students who have completed D. Pharm. can be directly admitted in Second Year (Third Semester) of the B. Pharm. degree and higher in Pharmacy.

**Diploma in Pharmacy:** It is a course in medical field involved in preparing, dispensing and appropriate use of medication meant for therapeutic purposes. The course provides the basic minimum qualification to become a Registered Pharmacist in India.

### About the Course:

Course Details	D. Pharm.	B. Pharm.	
	Regular	Regular	Lateral
Duration	2 Years	4Years	3 Years
Course Fee (P.A)	Rs. 60,000/-	Rs. 90,000/-	Rs. 90,000/-
Eligibility	+2 Science with min. of 40% of marks	+2 Science with min 45%(40% SC/ST)marks in Math , IT and Biooav	D.Pharm with min. 45% of marks
Selection	On Merit	Entrance	Entrance

### No. of Seats

Bhubaneswar	60	60	*Special Scholarship available at Balasore, Balangir, Rayagada Campuses for limited seats
Rayagada	60	60	
Balangir	60	60	
Balasore	60	60	

\* Registration Fee, Examination Fee, etc. extra

## B. Sc. Forensic Sciences

**B. Sc. in Forensic Sciences** is a 3- year graduate course which involves the application of scientific knowledge to the investigation of crimes. Professionals in this discipline apply their knowledge of science to analyze the evidence found at a crime scene.

An analysis could involve anything from an object at the crime scene, to soil, blood stains, saliva, body fluids, bones, fingerprints, DNA profiling, recovering data from computers, researching new techniques/ technology etc. **B. Sc. Forensic Sciences Syllabus includes essential components such as Forensic Pathology, Psychiatry, Psychology, Forensic Medicine and Odontology (Dentistry).**

### Who Can Join?

Eligibility: +2 Science (Physics, Chemistry, Mathematics, Biology) with 50% mark.

### AREAS OF OPERATION

FORENSIC BIOLOGY/ SEROLOGY & DNA  
 FORENSIC CHEMISTRY /TOXICOLOGY  
 QUESTIONED DOCUMENTS /FINGERPRINTS  
 FORENSIC PHYSICS /BALLISTICS

# B. Sc. Forensic Sciences

Course Detail	B. Sc. Forensic Sciences
Duration	3 Years
Course Fee (PA)	60,000/-
Eligibility	+2 Science (Physics, Chemistry, Mathematics, Biology)
Selection	Entrance
No. of Seats	40
In Academic Collaboration with GFSU, Gujarat	

### Pharmaceutical Production

Production Officer/Manager  
 Quality Control  
 Research & Development  
 Formulation  
 Purchase and Inventory

### Pharmaceutical Marketing

Medical Representative  
 Sale & Area Manger  
 Product Management Trainee

### Miscellaneous

Community Pharmacy  
 Drug/ Food Inspector  
 Export Import  
 Defense and other Civil services  
 Customs

## Job prospects after Pharmacy

### Hospitals (Government/ Private)

Hospital Pharmacist  
 Clinical Pharmacist  
 Prescription Audit Team

### Entrepreneurship

To establish own Pharmaceutical (Manufacturing/ Sales) Industry  
 To open own retail/ hole sale medicine stores/CNF/Distribution unit

### Academics

After D. Pharm  
 Higher Education: B. Pharm  
 As Demonstrator in Pharmacy colleges  
 After B. Pharm.





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## **Contacts:**

### **City Admission Office:**

Plot No. - 1294/P, Gouri Complex, 1st & 2nd Floor, CRPF Square, Bhubaneswar,  
Odisha-751012, Contact: +91- 9937937687, 9937052334, e-mail: [spls@cutm.ac.in](mailto:spls@cutm.ac.in)

### **Campus:**

Centurion University of Technology and Management,  
At. Ramachandrapur, Po. Jatni, Khorda, Odisha - 752050  
Contact: +91-9437280622, 8455063822, e-mail: [spls@cutm.ac.in](mailto:spls@cutm.ac.in)

## **FAQ**

- **Forensic Sciences**
- **Cyber Security & Digital Forensics**
- **MBA Pharmaceutical Management**



### 1) What is Forensic Science?

Forensic Science is the application of scientific knowledge and methodology to criminal investigations i.e. it is used to prove elements of a crime, establish connection to a crime or crime scene.

### 2) Application of Forensic Science.

Forensic Science is most commonly used to investigate criminal cases involving a victim, such as assault, robbery, kidnaping, rape or murder. It also helps to investigate the white collar crimes related to handwriting and signature fraud, forged cheques, wills, currency notes, legal deeds etc.

### 3) Objective of the course.

- To emphasize the importance of scientific methods in crime detection.
- To propagate information on the advancement in the field of Forensic Sciences.
- To provide a platform for interaction of students and Forensic Scientists.

### 4) Areas of learning in this course.

One will learn about evidence, what it is, where it can be found, where it comes from, how to analyze it, and how valuable it is in a criminal case. The course will cover major topics such as Crime Scene Management, Fingerprints and Question Documents, Firearms & Ballistics, Explosives, Medicine, Toxicology, Biotechnology and many more. One can go for specialization such as Forensic Physics and Ballistics, Forensic Chemistry and Toxicology, Forensic Biology, Serology & DNA, Forensic Fingerprint & Question Document examination with respective Honors at Graduation level.

### 5) Prerequisites of the course.

Candidate must have thorough knowledge of basic sciences and also should have curious mind, keen observation skills, passion, good communication skills, active participation and interest in analyzing situations and looking forward for a career in the field of scientific Investigation/Research/Teaching.

### 6) What are the Eligibility criteria for the courses.

- B.Sc. Forensic Science: 50% aggregate in 10+2 in Science.
- M.Sc. Forensic Science: 50% aggregate in B.Sc. with Physics, Chemistry, Zoology, Botany, Maths, Biochemistry, Microbiology, Biotechnology, Pharmacy.

### 7) Scope and placement.

One can opt for employment in government sectors for various positions like Scientific Assistants, Scientific Officers, Technical assistants in FSL, CFSL, IB, CBI, FOOD AND DRUG TESTING LABORATORY through entrance exam. The following field also offers scope in forensic science

- Research and development
- Fraud analyst
- Surveillance and vigilance
- Academics
- F.I.S & Insurance sectors
- Detective agencies, etc.

### 8) Who are reputed recruiters?

Apart from Government agencies as mentioned above, there are private recruiters like Truth lab Hyderabad, CISS, IFS Pune, Vedanta, Incognito forensic foundation, JRF, J.K Consultancy, etc.

### 9) Why should you choose centurion University?

Centurion University of Technology and Management (CUTM) is the only skilled university of Odisha is accredited with Grade 'A' by National Assessment and Accreditation Council -University Grants Commission (NAAC-UGC). University is going to offer B. Sc forensic science for the first time in Odisha from the year 2019-20. Being an autonomous body CUTM conducts its own examination, which results in the timely completion of the course and timely award of Degrees. The university focuses on providing hands-on practice-oriented and experienced based teaching. It is working towards a learning experience that will provide sustainable, replicable, quantifiable and scalable education to the students.

### 10) Collaboration with GFSU, Gandhinagar, Gujarat.

CUTM has signed MOU with Gujarat forensic science university (GFSU) for providing all kind of assistance to CUTM students. GFSU (A Government University) is the world's first and only University dedicated to Forensic Sciences, established in the year 2008. A UGC approved NAAC "A" graded University having laboratory accredited with NABL and certified with ISO-IEC17025:: 2005. As the university is solely dedicated towards Forensic Sciences, it is imparting education around globe having MOU with 14 international and 27 national Universities. During the curriculum, students will get adequate exposure at GFSU, and learn to deal with highly sophisticated gadgets & equipments, as well as, assistance in placement.

# Forensic Sciences

## B. Sc. Forensic Sciences

Duration of Course: 3 years

Eligibility: 45% aggregate in 10+2 in Science

## M. Sc. Forensic Sciences

Duration of Course: 2 years

Eligibility: B.Sc with Physics, Chemistry, Biology, Zoology, Botany, Maths, Biochemistry, Microbiology, Biotechnology, Pharmacy 50% marks or equivalent CGPA (45% for SC/ST candidates).



## Frequently Asked Questions (FAQ)

### **1. What is Cyber Security & Digital Forensics and its importance?**

It is the protection of systems used in the Cyber World, or the Internet which includes hardware, software and the data. The protection includes protection from hack or even the temporary disruption of services they provide. It is very important as current world functions are heavily supported via the internet.

### **2. What is the application of this course?**

This course is designed to enhance resiliency of the system by integrating traditional computer security and safety engineering techniques. The goal is to integrate the monitoring and analysis of IP network traffic, as well as serial communications and physical constraints within a single intrusion detection system (IDS) framework and provide capabilities for determining the physical safety of system operations by simultaneously examining behavior at multiple hierarchical layers and contexts.

### **3. Objective of the course?**

This course aims to prepare you with the knowledge, skills and values needed for a technical career with a specialist in Cyber Security by benefitting you with a breadth of knowledge, skills and techniques needed as a professional in computer science developing your knowledge in specialized and advanced topics in Cyber Security enabling you to work with and learn from active researchers in Computer Science and Cyber Security enable you to critically evaluate the technical, social and management dimensions of computing systems and technologies from a security perspective.

### **4. What are the areas of learning in this course?**

Network Security, Application Security, Systems Security, Software Engineering, E-Commerce Security, Information Security Strategy and Policy, Security Governance and Compliance, Information Security Management, Algorithm Analysis, Cyber Ethics, Privacy and Legal Issues, Advanced Networking and Protocols, Applied Cryptography, Penetration Testing and Vulnerability Analysis, Intrusion Detection, Digital Forensics, Security Architecture and Design, Biometrics, Cloud Computing, Business Continuity and Recovery Planning, Thesis and Research Project.

## Frequently Asked Questions (FAQ)

### **5. What are the prerequisites of this course?**

It requires keen interest & fundamental knowledge regarding IT programming languages like Java, Python etc. Along with this he /she must have fundamental knowledge of math beyond calculus (e.g. linear algebra, discrete mathematics, differential equations etc.)

### **6. What are the Eligibility criteria for this course?**

B.Sc. (10+2+3) in subjects like BCA/ITM/IT/CS/Electronics/Physics or B.E. or B.Tech. in IT / CS / ECE / EEE / ETC with at least 50% marks or equivalent CGPA (45% for SC/ST candidates).

### **7. Scope and Placement.**

Candidates after the completion of the course have lucrative opportunities & scopes in the emerging areas of Research & Development, Academics, Power Plants, Corporate, Govt. Organization like Railway, Banking, Fs. & also in national as well as international Organizations with specializations like Data Mining & Anomaly Detection, Security Analysis and Reporting, Digital Forensics, Cryptosystems & Data Protection, Industrial Espionage and Counterfeiting etc. Job profiles, placements & positions offered by the company like Chief Information Security Officer, Forensic Computer Analyst, Information Security Analyst, Penetration Tester, Security Architect, IT Security Engineer, Security Systems Administrator, IT Security Consultant and many more.

### **8. Who are the major & reputed recruiters of this course?**

Wipro, hp, Cisco, ge, Biocon, elite, VISA, Accenture, Infoblox, amazon, OSI, EY, Intel, Simeio, Netapp, ABB group, Infosys, JPMorgan, Genpact, Cargill Ernst & Young, Deloitte, Touche, Tohmatsu Limited, Reliance Industries, KPMG, Qualcomm, HDFC Bank, F.I.S and many more...

### **9. Why should you choose Centurion University?**

Centurion University of Technology and Management (CUTM) is the only skilled university of Odisha is accredited with Grade 'A' by National Assessment and Accreditation Council - University Grants Commission (NAAC-UGC). University is going to offer B.Sc forensic science for the first time in Odisha from the year 2019-20. Being an autonomous body CUTM conducts its own examination, which results in the timely completion of the course and timely award of Degrees. The university focuses on providing hands-on practice-oriented and experienced based teaching. It is working towards a learning experience that will provide sustainable, replicable, quantifiable and scalable education to the students.

# Cyber Security & Digital Forensics

## **M. Sc. Cyber Security & Digital Forensics**

**Duration of Course:** 2 years

**Eligibility:** B.Sc. degree (3 years) in Physics, Maths, IT, CS, ITM, Electronics or other with computer knowledge, BCA / ITM / IT / CS / Electronics / Physics or B.E. or B.Tech 50% marks or equivalent CGPA (45% for SC/ST candidates).



## Frequently Asked Questions (FAQ)

### **1. What is Pharmaceutical Management?**

MBA in Pharmaceutical Management is a 2-year postgraduate course involving an advanced study of Pharmaceutical Science and Technology with various marketing and business strategies.

Pharmaceutical Management = Pharmaceutical Science + Business Strategies.

It academically explores areas of Research, Analysis, Sales, Innovation, Consultation, Distribution and Administration in the sector of Pharmaceuticals with the application of various managerial and research skills and business strategies.

### **2. What is the application of the course?**

Pharmaceutical Management combines the study of basics of Pharmaceutical Sciences with management and marketing studies. It prepares your careers for Pharmaceutical Marketing, Human Resource in Pharmaceutical Industries, Hospital & Drug store Manager, Logistic Manager at hospitals and other Healthcare Sectors.

### **3. What is the objective of the course Pharmaceutical Management?**

- Produce skilled professionals in the Pharmaceutical industry for managerial and related positions.
- Build research and analytical skills in eligible candidates
- Build skills in business development, consultancy, sales and marketing, and planning and operation management.

### **4. What are the areas of learning in this course?**

You have to learn about Managerial accounting, Managerial Communication, Organizational Behavior, Cost and Management accounting, Marketing Management, Human resource management, Business research methodology, Anatomy, physiology and Pharmacology, Legal aspects of Pharmaceutical business, Pharmaceutical advance human resource management.

### **5. What is the Eligibility of the course?**

You will need to obtain a bachelor's degree of minimum 3 year's duration with at least 50% marks (45% for SC/ST candidates) from a recognized university.

## Frequently Asked Questions (FAQ)

### **6. Scope and placement.**

This sector offers a lot of job opportunities to the qualified candidates. You can find jobs in various areas such as Government Departments, Research Institution, Universities, Pharmaceutical Industry, Teaching Institutions, Hospitals, etc.

### **7. Job Profiles:**

Sales Managers, Drug Distribution Manager, Market Researcher & Drug Developer, Pharmaceuticals Distributors, Pharmaceutical Purchase Manager, Formulation Pharmaceutical Technology Scientist, Quality Assurance Manager, Business Development Manager, Market Research Analyst, Product Management, Supply Chain Management, Clinical Research Business Development, Pharmaceutical management in hospital, Pharmaceutical Regulatory Management, Export Management and Q.A. Management, Area Business manager, Territory Business Manager, Zonal sales Manager.

### **8. What are the Reputed Recruiters?**

Zydus Cadila, Mumbai, Dabur India Ltd., Ranbaxy Laboratories, Central Ware Housing Corp., Cipla, Infosys, Abbott India, Dr. Reddy's lab, Lupin, Sun Pharma, Piramal, Novartis Healthcare, Cultivator Natural Products Pvt. Ltd., GD Research Center, VPS Healthcare, Abu Dhabi, National Health Mission.

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# MBA in Pharma. Management

## MBA in Pharmaceutical Management

**Duration of Course:** 2 years

**Eligibility:** Bachelor's degree of minimum 3 year's duration with at least 50% marks (45% for SC/ST candidates) from a recognized university.





# PROVISIONAL BOOKING CUM ACKNOWLEDGEMENT SLIP

**Centurion**  
UNIVERSITY

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Name \_\_\_\_\_

Address \_\_\_\_\_

Contact No. \_\_\_\_\_ Alt. Contact No. \_\_\_\_\_

e-mail ID \_\_\_\_\_

Amount R \_\_\_\_\_

Course Applied for

B. Pharm.

D. Pharm.

MBA Pharma. Mgt.

B. Sc. Forensic Sciences

M. Sc. Forensic Sciences

M. Sc. Cyber Security

Our campuses: Paralakhemundi, Bhubaneswar, Rayagada, Balangir, Balasore and Chatrapur

**9692769860**

Other Courses Offered:

B. Tech | B. Sc. | B. Sc. (Radiology) | B. Sc. (Lab. Technology) | B. Sc. (Agriculture) | B. Sc. (Optometry) | B. Sc. (Fishery Science) | BBM | B. Com. | B. A (Media Science)  
M. Sc. | MBA | MBA (Agri Business) | MBA (Data Analytics) | MA (Media Studies) | Diploma | M. Tech.



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M. Sc. Forensic Sciences

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M. Sc. | MBA | MBA (Agri Business) | MBA (Data Analytics) | MA (Media Studies) | Diploma | M. Tech.