



Centurion
UNIVERSITY

*Shaping Lives...
Empowering Communities...*

ADMISSION BROCHURE

2025

DEPARTMENT OF BOTANY



Centurion University of Technology and Management, Odisha

DEPARTMENT at a glance

DEPARTMENT OF BOTANY



TAXONOMY



PHYTOCHEMISTRY AND
PHARMACOGNOSY



MICROBIOLOGY



BIOCHEMISTRY &
CANCER BIOLOGY



GENETICS & GENOMICS



BIOINFORMATICS

- **No. of Faculties: 10**
- **Research Scholars: 26**

PROGRAMMES:

B.Sc, M.Sc., Ph.D.

About the Department



VISION

Our vision is to be recognized for our teaching, research, innovation and excellence and attract the best students and staff worldwide.

MISSION

Our mission is to empower the society and ensure equal opportunity to all through skill and value-added courses, which will ensure the youth an advantage in the future global marketplace.

To develop a strong linkage between Academics, Research and Industry across the country and abroad.



FACULTY

Details



Dr. RUKMINI MISHRA
Associate Professor & Head
Department of Botany, SoAS
CUTM, BBSR Campus



Dr. SAGARIKA PARIDA
Associate Professor,
Department of Botany, SoAS
CUTM, BBSR Campus



Dr. GYANRANJAN MAHALIK
Associate Professor,
Department of Botany, SoAS
CUTM, BBSR Campus



Dr. KALPITA BHATTA
Assistant Professor,
Department of Botany, SoAS
CUTM, BBSR Campus



Dr. JATINDRA NATH MOHANTY
Assistant Professor,
Department of Botany, SoAS
CUTM, BBSR Campus



Dr. KUNJA BIHARI SATAPATHY
Emeritus Professor
Department of Botany, SoAS
CUTM, BBSR Campus



Dr. MADHUSMITA BARIK
Assistant Professor,
Department of Botany, SoAS
CUTM, BBSR Campus



Dr. SRIMAY PRADHAN
Assistant Professor,
Department of Botany, SoAS
CUTM, BBSR Campus



Dr. BHAGYASWARI BEHERA
Assistant Professor,
Department of Botany, SoAS
CUTM, BBSR Campus



Dr. ANIMESH PATTANAİK
Assistant Professor,
Department of Botany, SoAS
CUTM, BBSR Campus



Plant Tissue Culture Facility



ICT Enabled Smart Classrooms



INFRASTRUCTURE & FACILITIES

Central Instrumentation facility



Genetic Engineering and Genomics Laboratory



Action learning/ live labs

06

Mushroom Cultivation Unit



Cactus and Succulent Garden



Automated Polyhouse & Net houses



Curriculum Design

Flexible Learning Framework

We follow a Flexible CBCS (Choice-Based Credit System) that allows students to tailor their academic journey through electives, skill baskets, and interdisciplinary modules. This empowers students to specialize in emerging areas while building foundational strength.

At the Department of Botany, Centurion University, our curriculum is thoughtfully crafted to balance academic excellence, practical skills, and inclusive learning. It is rooted in outcome-based education, aligned with national goals and global standards.



Curriculum Enrichment

Our curriculum integrates:

- Skill & value-based education
- Technology-driven, industry-focused modules
- Entrepreneurial and higher education pathways
- Research-linked learning and fieldwork

Inclusive Teaching Strategies

Through baseline assessments, learners are categorized into:

- Advanced Learners – supported with MOOC courses, competitive exam prep, projects, and placement training.
- Slow Performers – given personalized academic support via flip classes, regular assignments, class tests, and presentations.

Innovative Pedagogies

Our teaching-learning process emphasizes:

- Flip Class Pedagogy
- Co-learning & Peer Teaching
- ICT-enabled Classrooms
- Action Learning Labs
- Outcome-based Learning



Academic Programs

◆ **B.Sc. (Hons.) Botany (4Years)**

- Follows CBCS curriculum (core, elective & vocational modules)
- Eligibility:
 - 10+2 Science (Biology mandatory)
 - Admission via CUEE

◆ **M.Sc. Botany (2 Years)**

- Includes lab work, skill baskets & research projects
- Eligibility:
 - B.Sc. in Botany or Life Sciences
 - CUEE + Interview

◆ **Ph.D. in Botany**

- Focuses on quality research, innovation and publications innovation
-
- Eligibility:
 - M.Sc. in Botany (minimum 55%)
 - Entrance test + Research proposal + Interview

Student Achievements



Ms. Subhranshee Sanshlishtha Sahoo
CSIR-ASPIRE Fellow
Rama Devi Women's University, Odisha



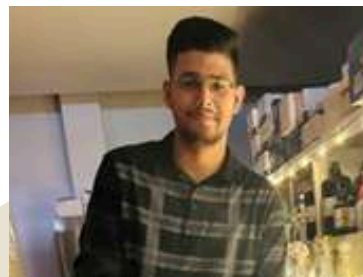
Ms. Sunanya Das
UGC - Savitribai Jyotirao Phule Fellowship
Centurion University of Technology and Management, Odisha



Ms. Smaranika Mohapatra
CSIR-UGC JRF - **AIR 115**
(Year 2024)



Ms. Monalisha Kar
CSIR-UGC JRF - **AIR 358**
(Year 2024)



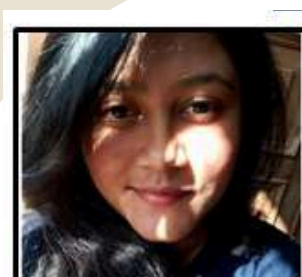
Mr. Shobhan Pradhan
GATE
(Year 2024)



Mr. Dinesh Kumar Mohanty
GATE
(Year 2023)



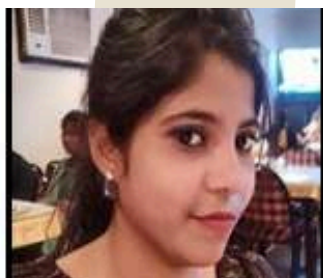
Mr. Sagar K Panigrahi
CSIR-UGC JRF - **AIR 93**
(Year 2023)



Ms. Suchismita Sahoo
CSIR-UGC JRF - **AIR 132**
(Year 2022)



Ms. Bhagyajyoti Baral
ICAR NET- **AIR 59**
(Year 2021)



Ms. Kabyashree Diptimayee
Qualify **GATE**
(Year 2021)



Mr. Akshaya K Sahoo
ICAR NET- **AIR 62**
(Year 2021)



Ms. Snigdha Behera
ICAR NET- **AIR 68**
(Year 2021)



Ms. Smrutirekha Dash
Qualify **GATE**
(Year 2021)



Mr. Jiban Mishra
CSIR-UGC JRF-**AIR 99**
(Year 2019)



Student Outreach Activities



Workshops and Internship programs

Our Collaborators



Funding Agencies





Centurion
UNIVERSITY


Shaping Lives...
Empowering Communities...

**Department of Botany,
School of Applied Sciences**

**Centurion University of
Technology & Management,
Odisha**



Contact us

 +91-7077320293 |
+91-7978775528

 info@cutm.ac.in

 www.cutm.ac.in

