

## REGISTRATION FEES:

Students	Rs. 300/-
Research scholars	Rs. 500/-
Delegates	Rs. 700/-
Industries/Laboratories	Rs. 1000/-
All Accompanying Persons	Rs. 300/-

## CALL FOR PAPERS:

Abstract of 250 words should be in MS Word, Times New Romans, 12 fonts, 1.5 pt. space with 2.5 cm margin. Each abstract should have title (font 14 bold), name of the author (font 12 bold), and name of the presenting author should be underlined. All abstracts must be received on or before 15<sup>th</sup> November 2025 through email (.....) The abstract will be submitted with the registration receipt. The selected abstracts for oral/poster presentation will be intimated through email.

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## 48TH ANNUAL CONFERENCE OF THE ODISHA BOTANICAL SOCIETY



## NATIONAL SEMINAR ON ADVANCES IN MEDICINAL PLANT RESEARCH AND INNOVATIONS (AMPRI-2025)

21<sup>st</sup> and 22<sup>nd</sup> December 2025

Organized by:

Department of Botany  
School of Applied Sciences  
Centurion University of Technology and Management  
Bhubaneswar, Odisha, India

Accredited with NAAC 'A+' Grade



## INVITATION

Dear Fellow Researchers,

During the year 2025, the Orissa Botanical Society (OBS) has chosen the Department of Botany and School of Applied Sciences, Centurion University of Technology and Management, Odisha to hold its 48<sup>th</sup> Orissa Botanical Society. The conference shall be held during December 21<sup>st</sup> and 22<sup>nd</sup>, 2025 under the President ship of Dr. Kunja Bihari Satapathy. With great pleasure we cordially invite all OBS members to attend the conference and participate in the scientific sessions, symposia, oral/poster presentations, and other activities of the conference for exchange of thoughts/opinion and scientific interaction.

## ABOUT THE HOST

The Centurion University is duly recognized as a pioneer in 'Skill Integrated Higher Education' and has been accredited with NAAC A+ grade. Its unique model lays specific emphasis on creating sustainable livelihoods on a national scale in challenging geographies through education that results in employability and sparks entrepreneurship. This model has been recognized by multiple Governments (Central and State), International Organizations such as UNESCO and the World Bank as well as Policy Think-tanks such as the Niti Ayog. Centurion University's School of Vocational Education and Training has been recognized as a Centre of Excellence by the Ministry of Skill Development and Entrepreneurship, Government of India. From the inception, Centurion University's DNA has been "Shaping lives and empowering communities". The University has focused on 'hands on', 'experience based', and 'practice oriented' on cutting age technology learning that makes a difference through appropriate and relevant innovation and action research. While promoting Nano, Mini and Micro enterprises, the University works towards learning experiences that are 'quantifiable', 'sustainable', 'scalable' and 'replicable'.

## ABOUT THE SCHOOL

The School of Applied Sciences offers Bachelor's, Master's and Ph.D. Programs in Physics, Chemistry, Mathematics, Botany, and Zoology. The school has been in the forefront in implementing CBCS as well as preparing itself to provide integrated 5 years Bachelors-Master's program as per the New Education Policy 2020. Apart from preparing students for a career in teaching and research, which are traditional aspirations of students, the school has mapped out many industrial domains and new emerging areas like Phyto Pharma, Computational Fluid Dynamics, Renewable Energy, Intensive Aquaculture, Fish Processing Technology,

Genetics and Genomics, Smart Agriculture, Animal Cell Culture, Seed Technology, Tissue Culture, Food Processing, Organic Farming, Horticulture, Dairy Processing, Composite Design and Manufacturing, Waste to Wealth, Medical Diagnostics, Radio Imaging Technology, Good Health and Wellness, and Nutraceuticals. Apart from these domains, students aspiring for industrial R & D and production jobs are also encouraged to take engineering domains like Data Science and Machine Learning, Gaming and Immersive Learning, Data Analytics, Artificial Intelligence, Machine Learning, Business Analytics, Cloud Technology, Cyber Security, Software Technology, Chip Design and Fabrication, Aerial Survey and Remote Sensing Applications, Space Science, and Smart Farm Machinery. The school has a multi-disciplinary team of faculty and collaborates with other Schools to offer these cutting-edge domains, R&D careers, production jobs and teaching jobs are equally preferred by students. To further these aspirations, both Bachelor's and Master's students are mandated to publish in international journals. The school's faculty members, aided by the labs and full-time research scholars, focus on product research as well as publishing quality international papers. Apart from this, the school prepares students for careers in Banking, Civil Services and other competitive exams like GATE, NET, JEST, CAT and JAM.

## ABOUT THE DEPARTMENT

The Department of Botany at Centurion University of Technology and Management, Bhubaneswar, was established in the year 2016 with the aim to offer quality higher education and cutting-edge research training in the emerging areas of plant science and allied sciences to all the students from across the country. The department offers B.Sc Botany, M.Sc Botany and PhD programs to inspire and educate the next generation of botanists. The department prides itself on a multidisciplinary approach, conservation science, environmental biotechnology, developmental biology, microbiology, functional genomics, plant systematics, integrating molecular biology and genetics. The publications coming out from the department demonstrate the significance of research work carried out in the department. Hands on training is imparted to the students on innovation-based frontier areas of modern biology for agriculture and sustainable environment. Teaching and research programs of the department are supported by special grants from the DBT & DST, Govt. of India under human resource development programme. The faculty members at the Department are supported with several extramural grants and are recognised by national and international agencies.

## OBS AIMS AND OBJECTIVES

The main aim of this seminar is to bring together leading academic scientists, researchers, research scholars, academicians and industry persons to exchange and share their experiences and research results in all aspects of "Advances in Medicinal Plant Research and Innovations." (AMPRI-2025). The topic focuses on present cutting edge scientific findings related to medicinal plants, phytochemistry, pharmacology, biotechnology, and ethnobotany for improved livelihoods. In this seminar the latest developments in the field of medicinal plant cultivation, conservation, identification and authentication, ethnobotanical validation; integration of traditional healing systems with modern pharmacological, biotechnological and biomedical research addressing global health challenges such as antimicrobial resistance, chronic diseases, and public health will be highlighted by way of invited talks, oral/poster communications.

## SUB-THEMES:

- **Integration of Ethnobotany and Traditional Knowledge Systems into modern healthcare**
- **Sustainable Cultivation and Conservation of medicinal plants**
- **Genetics, Genomics, and Biotechnological Approaches**
- **Bioactive compounds and phytomedicines and formulations,**
- **Quality control and regulatory guidelines for herbal products**
- **Phytochemistry, Pharmacognosy and Ethnopharmacology**
- **Nutraceuticals and Cosmeceuticals**

### Who should participate?

**Academicians, scientists, students, researchers and persons from industries and laboratories interested in plant science, chemical and environmental sciences should participate.**

### Venue:

**The seminar will be held at Centurion University of Technology and Management (Bhubaneswar Campus) situated at Ramchandrapur, Jatani, Khurda-752050, Odisha. Conveyance will be provided from Bhubaneswar to the venue by the local organizing committee.**