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## INTERNATIONAL CONFERENCE ON BIORESOURCES OF OUR ENVIRONMENT: UTILIZATION AND CONSERVATION (ICBEUC 2022) (Hybrid Mode)

28<sup>th</sup> - 30<sup>th</sup> March 2022



**Centurion**  
UNIVERSITY

*Shaping Lives...  
Empowering Communities!*

**Organized by**

**Department of Botany and Zoology  
School of Applied Sciences**

**CENTURION UNIVERSITY OF TECHNOLOGY AND MANAGEMENT**

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## CONTACT US

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## Background

Unabated environmental deterioration and depletion of biological resources with rapid increase in human population have questioned the survival of human race on the living planet earth. In fact, undesirable human activities have stolen the future of biological environment. Problems are many but solution are quite limited. Scientists and policy makers are trying hard to search the possible remedies. Bioresources play an important role in catering the needs of ever increasing population across the globe. The need for exploration, conservation and sustainable use of biological resources is undeniable for human survival and growth. "International Conference on Biological Resources in Our Environment: Use and Conservation" (ICBEUC) 2022 will focus on developing new and current research findings, as well as effective strategies for the sustainable use of biological resources. The conference also aims to address the use of biological resources in healthcare, biofuels, agriculture, and environmental protection. Based on the diverse potential applications of biological resources in food, pharmaceuticals and cosmetics, the conference will deal with a variety of unused biological resources and their sustainable use. The conference will focus on the sustainable use of biological resources in agriculture. Developing countries have vast bioresources that can be used to produce value-added by-products for the sustainable development of the bioeconomy. The conference intends to discuss efficient use of underexploited natural bioresources, new chemical approaches for the generation of novel biochemicals, and the applications of genetics engineering for bioresource conservation and production of value-added products. Further, strategies for the production of biopesticides utilizing bioresources will also be discussed.

## About the University

The journey of Centurion University of Technology and Management (CUTM) began in the year 2005 by a group of ambitious academician with an aspiration to provide high quality education both nationally and internationally. The first step in this direction was to take over an ailing engineering institute, Jagannath Institute for Technology and Management (JITM) in one of most challenging tribal districts of Odisha and one which was transformed into Centurion University of Technology and Management in August 2010, through an act of Odisha legislative assembly. It became the multi-sector state private university in Odisha. It is the only university in the state which is declared as Skill University by government of Odisha.

### Centurion Approach to Education and Training

From the inception, Centurion University's DNA has been "Shaping lives and empowering communities". The University has focused on 'hands on', 'experience based', 'practice oriented' 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'.

### Redefining the Learning Platform at Centurion University

- Skill integrated, domain linked, teaching and learning
- Industry and community partnership

- Creating and co-creating enterprises
- An eco-system approach which includes community, enterprise, industry and educational institution.

The University has six campuses and a number of social entrepreneurial outreach wings that, along with collaborating institutes and networks, from its ecosystem. The six campuses house a number of Schools such as M.S. Swami Nathan School of Agriculture, School of Allied Health Sciences, School of Engineering and Technology, School of Management, School of Media and Communication, School of Pharmacy and Life Sciences and School of Vocational Education and Training, School of Maritime Studies and School of Fisheries, e tc.

School of Applied Sciences offers Bachelor, Master and Doctoral Programs in Physics, Chemistry, Information Technology, Mathematics, Zoology, Environmental Science, Botany, Optometry and Allied Health Sciences, etc.

## Objectives of the Conference

The main aim of this conference is to bring together leading academic scientists, researchers, students, academicians and industry persons to exchange and share their experiences and research results in all aspects of Bioresources of Our Environment: Utilization and Conservation 2022. The topic focuses on bioresources utilization and conservation; development of technologies for rehabilitation and sustainable management of natural forests and woodlands including water, wetland and riparian ecosystems; mitigation and adaptation to climate change; and improved livelihoods. It also provides a premier interdisciplinary platform for researchers, practitioners and educators to present and discuss the most recent innovations, trends and concerns as well as practical challenges encountered and solutions adopted in the fields. The theme addresses the issues concerning the following sub-themes:

- Bioremediation
- Biodiversity and conservation
- Bioprospecting and value-added products
- Biopesticides, biofuel and bioenergy
- Biotechnological application for sustainable utilization of bioresources
- Ethnobiology and human welfare
- Environmental sustainability
- Tissue culture, micropropagation, cloning and genetic engineering
- Post-harvest management
- Pharmacognosy, pharmacology and drug discovery
- Microbes and their role in agriculture
- Aquaculture management towards sustainability
- Crop production for sustainability
- Bioresources and traditional systems of medicine

In this seminar the latest developments in the field of biodiversity conservation, agriculture, medicinal plants, aquaculture and environment management will be highlighted by way of invited talks, oral/poster communications.

## Who should participate?

The conference provides a unique opportunity of learning from distinguished personalities who have already gained recognition in national and international level in related fields. Academicians, scientists, students, researchers and persons from industries and laboratories interested in biological sciences, pharmaceutical sciences, traditional systems of medicines, and environmental sciences should participate.

## Venue

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

## Registration Link:

<https://forms.gle/5pUcL1AsQBZvuDEa8>

Interested participants may register their names either in advance or at the venue on payment of the fees as follows:

Participants from University/Industries Laboratories/Colleges/Institutes	Registration Fees
Academicians	Rs. 700/-
Persons from Industries/Laboratories	Rs. 1000/-
Research Scholars/Students	Rs. 500/-

## Call for Papers

The scientific programme will be organized with key note address, plenary lectures invited talks, oral and posters presentations. Participation is open for anyone involved in Teaching, Research and Consultancy in the respective fields. Abstract of 350-500 words should be in MS Word, Times New Romans, 12 font, 1.5 pt. space with 2.5 cm margin. Each abstract should have title (font 14 bold), name of the author, (font 12 bold), name of the presenting author should be underlined. All abstracts must be received within announced deadline (on or before 15th March, 2022) by the organizing secretary (E-mail: [icbeuc2022@cutm.ac.in](mailto:icbeuc2022@cutm.ac.in)) for oral/poster presentation. All delegates with accepted abstract will be given chance for oral/poster presentation. Selected research papers will be published in a special issue of the CUTM Journal with ISSN: 2395-6216 (PRINT VERSION) and 2395-6224 (ONLINE VERSION).

## Important Dates

Abstract: 21st March | Full paper: 22nd March  
Acceptance: 24th March | Registration: 20th March, 2022

## Mode of Payment

RTGS/ NEFT / UPI

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