



# CENTRAL UNIVERSITY OF KERALA

## DEPARTMENT OF ENVIRONMENTAL SCIENCE

### FIRST INTERNATIONAL CONFERENCE ON BIORESOURCE TECHNOLOGY FOR SUSTAINABLE DEVELOPMENT

7 & 8 SEPTEMBER 2023

#### About the Conference

Bioresources are renewable and degradable substances available naturally. The planet earth possesses a variety of micro and macroorganism resources, including plants, animals, aquatic organisms, bacteria, fungi, and viruses. These bioresources play a significant role in maintaining ecological balance and are used as precursors for many economically and industrially essential products. Naturally derived compounds play a crucial role in many manufacturing processes and treatment techniques. Replacing toxic chemical compounds with biological compounds is of recent interest. Natural materials and their biomolecules are involved effectively in biorefinery, biorecovery, bioconversion, bioenergy, biocontrol and waste treatment and remediation. The variety of valuable content of various bioresources might create exciting by-products, adding revenue to the value chains. The uncontrollable global population growth adversely affects the utilization of available bioresources, leading to ecological, social and economic impacts. Recent technologies in bioresources utilization created a new hope for the sustainable utilization of bioresources for sustainable development.

#### About the University

The Central University of Kerala, Kasaragod, came into being in 2009 under the Central Universities Act 2009. The University is founded on the noble vision of a 'Caring Wisdom' and is guided by the lofty ideals of academic and social commitment, moral steadfastness and intellectual and spiritual enlightenment. In the short span of 14 years, the University has grown into an institution offering twenty seven postgraduate and twenty two research programmes with a total enrolment of around 2500 students. The vision of Central University of Kerala is "Driven by the sense of knowledge, wisdom and values; the university passionately strives to draw out the human potential for building a responsible society by mentoring".

#### About the Department

The Department of Environmental Science was established in 2012 with the objective to address local, national and international environmental problems by educating future generations about the issues and nurturing best environmental practices by preaching, practicing and therefore serving generations to come. The department envisages doing transformative and innovative research in the interdisciplinary fields of environmental science and technology. The department would, in the time to come, align and work towards sustainable development goals of the nation. The faculty members have diverse research interests and are well-known scientists in their field of interest with international exposure and acclaim.

#### VENUE

**CENTRAL UNIVERSITY OF KERALA**  
**Tejaswini Hills, Periyar 671320, Kasaragod, Kerala, India**  
**[www.cukerala.ac.in](http://www.cukerala.ac.in)**

## **Themes of the Conference**

- Agricultural and forest bioresources
- Animal and aquatic bioresources
- Bioconversion and biorecovery
- Biorefinery and bioenergy
- Biological, biochemical and thermochemical processes for waste treatment
- Biofabrication, bioprocess and bioproducts
- Biodeterioration and biodegradation
- Microbial enzyme technology
- Nanobiotechnology for recovery, remediation and production

## **Call for Abstract**

Abstracts are invited for oral and poster presentations in the scientific sessions of the conference. We will accept submissions that emphasize, but not limited to, any of the mentioned theme.

## **Submission of Abstract**

Abstract for oral and poster presentations should be typed in word (.doc or .docx) in Times New Roman 12 pt with maximum of 250 word counts and five keywords. Presenting author name should be underlined. The abstract can be submitted either through email to [icbt@cukerala.ac.in](mailto:icbt@cukerala.ac.in) or through google form <https://forms.gle/8AhgvfmgJhKpoYbHA>.

## **Publication of full article**

Presented articles will be selected and published either in a reputed journal under UGC Care List or as a book chapter in an edited book published by reputed international publishers.

## **Accommodation**

Accommodation will be provided in the university guest house and hostels against minimum payment based on a first come, first served. There are many luxury and budget hotels and lodges available in Kannangad and Kasaragod, Kerala.

## **IMPORTANT DATES**

- Deadline for submission of abstract - 15 August 2023
- Deadline for submission of full article - 25 August 2023
- Acceptance notification - 20 August 2023
- Registration for the conference - 25 August 2023
- Conference date - 7 & 8 September 2023

## **REGISTRATION FEE DETAILS**

Category	Indians (INR)	Foreigners (USD)
Faculty/Scientists	3000	150
Postdoctoral Fellows	2500	100
Research Scholars & Students	2000	100
Industrial Experts	5000	200

## **How to reach?**

### **By Air**

Kannur International Airport is 98 km from the Central University of Kerala  
Mangalore International Airport is 82 km from the Central University of Kerala  
Kozhikkode International Airport is 190 km from the Central University of Kerala

### **By Train**

Kannangad railway station is 12 km from the Central University of Kerala  
Kasargod railway station is 22 km from the Central University of Kerala

### **By Road**

The Central University of Kerala is situated on National Highway (NH 66) which connects Mumbai and Kanyakumari

# Programme Organizing Committee

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Hon'ble Vice-Chancellor, Central University of Kerala

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Assistant Professor, Department of Environmental Science, CUKerala

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Dr. Pattanathu Rahman, Liverpool John Moores University, United Kingdom

For registration

<https://forms.gle/8AhgvfmgJhKpoYbHA>



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## Places of attraction in Kasaragod

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**Bekal Fort and Beach**



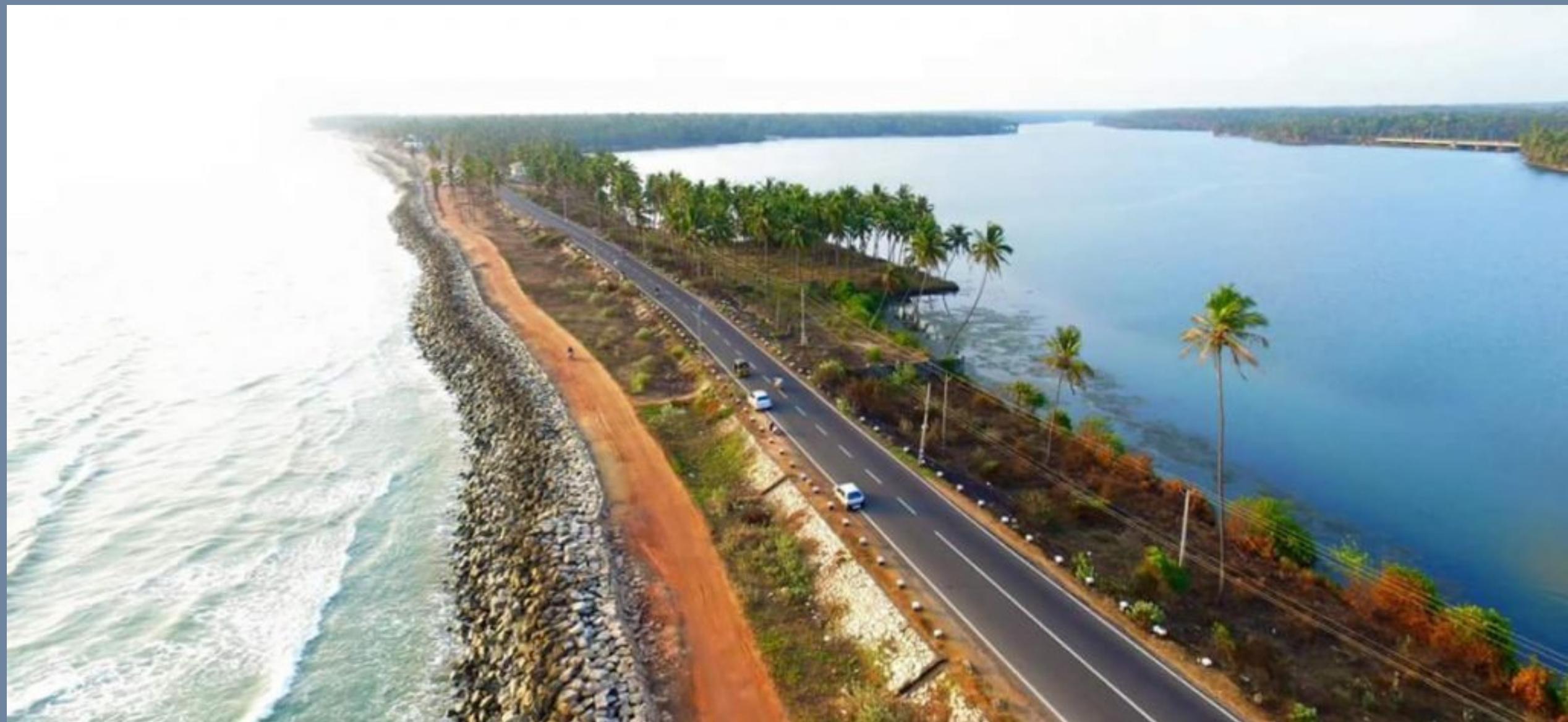
**Ranipuram**



**Anandashram**



**Valiyaparamba backwaters**



**Kappil beach**

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For further information, please contact

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A FILM BY TAYLOR ALONSO

# MYSTERY OF FOREST

PEDRO  
FERNANDES

PHYLLIS  
SCHWAIGER

NOAH  
SCHUMACHER

SAMIRA HADID, FRANCOIS MERCER, HELENE PAQUET, ESTELLE DARCY,  
FRANCISCO ANDRADE, JULIANA SILVA, PEDRO FERNANDES, LORNA  
ALVARADO, KIM CHUN HEI, PHYLLIS SCHWAIGER, MORGAN MAXWELL,  
CHAD GIBBONS, ROSA MARIA AGUADO, DANIEL GALLEG

COMING SOON THIS WEEK



A FILM BY SAMIRA HADID

# Wild Forest

PHYLLIS  
SCHWAIGER

MARGARITA  
PEREZ

HENRIETTA  
MITCHELL

SAMIRA HADID, FRANCOIS MERCER, HELENE PAQUET, ESTELLE DARCY,  
FRANCISCO ANDRADE, JULIANA SILVA, PEDRO FERNANDES, LORNA  
ALVARADO, KIM CHUN HEI, PHYLLIS SCHWAIGER, MORGAN MAXWELL,  
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