

## ORGANISING COMMITTEE

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### Patrons

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### Advisory Committee

**Dr. Noorunnisa Begum**

Associate Professor

University of Trans-Disciplinary Health Sciences and Technology (TDU), Bengaluru, India

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**Dr. Calistus Jude AL**

Dean, Academics

### Conference Chairperson

**Dr. Vijayanand S**

Dean, School of Biological and Forensic Sciences

### Chief Convenors

**Dr. Priya Josson Akkara**

Head, Department of Life Sciences

**Dr. Sonia Angeline M**

Coordinator, Department of Life Sciences

### Convenors

**Dr. Ashok D** (7676100612)

**Dr. Malathi R** (9632181865)

### IMPORTANT DATES:

Last Date of  
Abstract Submission:  
**20<sup>th</sup> JAN 2026**

Notification of  
Acceptance of Abstract:  
**27<sup>th</sup> JAN 2026**

Registration Deadline:  
**10<sup>th</sup> FEB 2026**

### Conference Secretariat

School of Biological and Forensic Sciences

Department of Life Sciences

Kristu Jayanti (Deemed to be University)

K Narayanapura, Bengaluru, 560 077

E-mail: [Isevents@kristujayanti.com](mailto:Isevents@kristujayanti.com)

[www.kristujayanti.edu.in](http://www.kristujayanti.edu.in)



# KRISTU JAYANTI

(DEEMED TO BE UNIVERSITY)

Under Section 3 of UGC Act 1956

A CMI INSTITUTION | BENGALURU | INDIA

**SCHOOL OF BIOLOGICAL AND FORENSIC SCIENCES**  
**DEPARTMENT OF LIFE SCIENCES**

**3<sup>rd</sup> International Conference**

**Transdisciplinary Research in Life Sciences (ICTRLS):**  
**Sustainable Innovations**

In collaboration with

**UF IFAS Research University of Florida, USA**



**Sophia University, Japan**

**TDU The University of Trans-Disciplinary Health Sciences**  
**and Technology (TDU)**

**17<sup>th</sup> & 18<sup>th</sup> February 2026**



Publication Partner - Indian Journal of Environmental Protection (IJE)

(Scopus Indexed Journal)

and

Kristu Jayanti Journal of Core and Applied Biology (KJCAB)

[www.kristujayanti.edu.in](http://www.kristujayanti.edu.in)

**KRISTU JAYANTI (DEEMED TO BE UNIVERSITY)** Established in 1999 and managed by the Kristu Jayanti Trust of the Carmelites of Mary Immaculate (CMI), was reaccredited with an 'A++' grade by NAAC in 2021. Recognized by UGC under category 3 and granted Deemed to be University status during July 2025, the University is committed to academic excellence, values, and global competencies. In 2025, it was ranked 34th in the NIRF top 100 colleges in India. The institution has also won national accolades, including the Clean and Smart Campus Award, and ranks among across various disciplines in the India Today-MDRA survey2025, distinguishing itself among the best colleges in Bengaluru and nationally.

**Department of Life Sciences** was started in the year 2002, with the aim of providing comprehensive inputs to aspiring students in the field of Life Sciences. The Department offers B.Sc. programmes in Biochemistry, Biotechnology, Botany, Genetics and Microbiology and M.Sc. programmes in Biochemistry, Biotechnology and Microbiology and Ph.D. programs in the domain of Biochemistry, Biotechnology and Microbiology. The Department of Life Sciences of the Institute was recognized as DBT Star College status from the Ministry of Science & Technology. With the commitment of the faculty members to educational excellence, well equipped and state of the art laboratories for different programmes and research laboratories, the department strives to serve the students and scholars in enhancing their scientific temperament and change scholarly knowledge in various emerging fields of Life Sciences.

#### Conference Preamble

The International Conference on Trans-disciplinary Research in Life Sciences: Sustainable Innovations (ICTRLS), organized by the Department of Life Sciences at Kristu Jayanti (Deemed to be University), is a scientific knowledge-sharing platform. Highlighting core trans-disciplinary themes, the conference integrates perspectives from biology, environmental science, system biology and sustainable technology to address complex global challenges. It aims to promote cross-disciplinary collaborations that bridge fundamental research with real-world applications. The themes and sub-themes of the conference collectively reflect a holistic, trans-disciplinary approach in addressing current and future challenges in the field of life sciences. The conference will host engaging discussions on innovative solutions, recent achievements, emerging trends, and future directions in trans-disciplinary research. Serving as a vibrant platform for knowledge exchange and collaboration across diverse areas of biological sciences, the event will feature technical sections and presentations by leading national and international scientists. Researchers who will exhibit their work through oral and poster presentations. this year, the conference in being organise in collaboration with **University of Florida(UF),USA, Sofia University, Tokyo, Japan and the University of Trans-disciplinary Health Sciences and Technology, Bengaluru, India.**

We warmly invite you to be a part of this exciting scientific gathering. We are confident that this event will serve as an excellent platform for sharing ideas, initiate collaborations, and shaping future research directions.

#### SUB-THEMES OF THE CONFERENCE

##### Sustainable Innovation and Development

- ◆ Biotechnology and Nanotechnology
- ◆ Climate Change and Environmental Conservation
- ◆ Pharmacology and Bio-prospecting
- ◆ Natural Products

##### Modern Biology - from system to cell

- ◆ Drug Designing
- ◆ Molecular Docking
- ◆ Omics Technology
- ◆ Molecular Network Analysis

##### Phytochemistry & Food Science

- ◆ Drugs from Natural Sources
- ◆ Ethnopharmacology
- ◆ Biopreservation
- ◆ Probiotics and Prebiotics

##### Genome integrity assessments

- ◆ Experimental Models in Genetic Toxicity Studies
- ◆ Natural and Synthetic Genotoxic Agents
- ◆ Radiation and Food-Induced Genotoxicity
- ◆ Genotoxicity in Developmental Biology
- ◆ Transdisciplinary Innovation in Genotoxicity Reduction

##### Microbial Biotechnology in Sustainable Development

- ◆ Microbial Biotechnology for Sustainable Development
- ◆ Microbes for Nutrient Management
- ◆ Biofilm for Bioremediation and Waste Treatment
- ◆ Bioremediation of Emerging Contaminants and Micro/Macro Plastic
- ◆ Transdisciplinary Microbial Approaches for Environmental Sustainability

## SPEAKERS AT THE CONFERENCE



**Dr. Daniel M Czyz**  
Associate Professor  
Dept. of Microbiology and Cell Science  
University of Florida, USA



**Prof. Steve Flint**  
Professor  
School of Food Technology  
and Natural Sciences  
Massey University, New Zealand



**Dr. Toyonobu Usuki**  
Professor  
Dept. of Materials and Life Sciences  
Sophia University, Tokyo, Japan.



**Dr. Bommanna Loganathan**  
Professor  
Department of Chemistry,  
Murray State University, USA



**Dr. Ravi Manjithaya**  
Professor and Chair  
Jawaharlal Nehru Centre For Advanced  
Scientific Research, Bengaluru, India.



**Dr. Gurmeet Singh**  
Professor and Dean,  
University of Trans-Disciplinary  
Health Sciences and Technology  
Bengaluru, India



**Dr. Mahesh Sahare**  
Institute for Stem Cell Science  
and Regenerative Medicine  
Bengaluru, India

#### Guidelines for Submitting Abstract

The structured abstract should not exceed 250 words and must include objectives, materials and methods, results, and discussion. It should be typed in English with 1.5 line spacing in MS Word with Times New Roman 12 font size and should contain name of author(s) along with e-mail address and affiliation. Kindly email your abstract to **lsevents@kristujayanti.com**.

#### Guidelines for Full Paper Submission

Selected manuscripts will be considered for publication in 'Indian Journal of Environmental protection, a Scopus indexed Journal. Please visit the link <http://www.e.ijep.co.in/article-submission/> for the required guidelines to submit the full paper. The decision of the journal remains final regarding the acceptance of the manuscripts submitted. The submitted articles can also be published in 'Kristu Jayanti Journal of Core and Applied Biology', the in-house journal of the Department of Life Sciences, Kristu Jayanti (Deemed to be University).

#### Accommodation

Request for accommodation to be done by the participants latest by 3<sup>rd</sup> Feb 2026. No TA/DA will be provided.

#### Registration Details:

##### Participation:

Academician /Industrialist/Part-time Research Scholars	₹ 1,000
Full- time Research Scholars and Students	₹ 700

##### Paper Presentation:

Academician /Industrialist/Part-time Research Scholars	₹ 1,300
Full- time Research Scholars and Students	₹ 1,000
International Delegates	\$ 50



Note: A Certificate of presentation will be Awarded to registered Participant who present paper. Institution letter/ID card is mandatory for registration process.

#### Registration Link

<https://portal.kristujayanti.edu.in/register-3rd-international-conference-on-transdisciplinary-research-in-life-sciences-sustainable-innovation-ictrls>