

ORGANIZING COMMITTEE

CHIEF PATRONS

Fr. Dr. Augustine George
Principal

Prof Darshan Shankar, FNASc
Vice Chancellor, TDU University,
and Founder Trustee, FRLHT

PATRONS

Fr. Lijo P Thomas
Vice Principal & Chief Finance Officer

Fr. Joshy Mathew
Director, Library and Information Centre
Director, HR Department

Fr. Som Zacharia
Director
Infrastructure Planning and Development

Fr. Deepu Joy
Director, Student Welfare Office

Fr. Emmanuel P. J.
Director, Kristu Jayanti College of Law,
Director, Office of International and Domestic Relations,

Fr. Jais V Thomas
Financial Administrator

Dr. A. K. Gupta, IFS (Retd.),
Professor (NRM,BD & WL), Chief Operating Officer & Registrar, TDU

CONFERENCE CHAIR

Dr. Calistus Jude AL,
Dean, Faculty of Sciences

CONFERENCE CO-CHAIRS

Dr. Elcey C Daniel, Head, Dept. of Life Sciences
Dr. Sonia Angeline, Programme Co-ordinator, UG
Dr. Priya Josson, Programme Co-ordinator, PG

CONFERENCE CONVENORS

Dr Arun Kumar S, KJC, 6364154409
Dr Manikandan K, KJC, 9624060194
Dr. Noorunnisa Begum, TDU, 9449058869

ADVISORY BOARD MEMBERS

Dr. Upendra Nongthomba, Professor, IISc, Bengaluru
Dr. Joseph Ajay Pathakamuri, Professor, Franciscan University of Steubenville, USA
Dr. Subrahmanya Kumar, Associate Professor, TDU
Dr. C.N.Vishnuprasad, Associate Professor, TDU
Dr. Megha, Associate Professor, TDU

Key Dates:

Participant registration: October 05, 2023 onwards
Abstract Submission Deadline: January 25, 2024
Abstract Acceptance Notification: January 31, 2024
Full length Paper submission: February 15, 2024

For Further Details Contact:

Conference Convenors

Department of Life Sciences
Kristu Jayanti College, Autonomous
K. Narayanapura, Kothanur Post
Bengaluru - 560077 Karnataka, India.
Ph. 6364154409, 9624060194
Visit us www.kristujayanti.edu.in
Email: lifescienceevents@kristujayanti.com

HOW TO REACH

- From Majestic BMTB Bus Stand: Platform 19: Bus Route - 292 B, 292 C
- From K.R. Market: Bus Route: 292, 292 B, 293 C, 292 D, 292 F, 293 C
- Nearest Railway station: Bangalore East (8 km) / Cantonment (10 km)
- By Air, Bengaluru International Airport (28 Km)



Kristu Jayanti College

AUTONOMOUS Bengaluru
Reaccredited A++ Grade by NAAC | Affiliated to Bengaluru North University



International Conference on Transdisciplinary Research in Life Sciences: Perspectives and Prospects - 2024

(ICTRLS-2024)

Organised by

Department of Life Sciences

Supported by



Department of
BioTechnology,
Government
of India

सत्यमेव जयते **DBT STAR COLLEGE SCHEME**

In Collaboration with

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

22nd - 23rd February 2024



KRISTU JAYANTI COLLEGE

Kristu Jayanti College, founded in 1999, is managed by the members of St. Joseph Province of the Carmelites of Mary Immaculate (CMI). The College is affiliated to Bengaluru North University and is reaccredited with grade 'A++' in 2021 by NAAC in the Third Cycle of Accreditation. The College is recognized by UGC under the category 2(f) & 12(B). The College has been accorded Autonomous Status since 2013 by the University Grants Commission, Government of Karnataka & the Bangalore University. For its contribution in environmental sustainability, Kristu Jayanti College has been awarded the Clean and Smart Campus award. In the India Today - MDRA survey 2023, Kristu Jayanti College is consecutively ranked as the Best Emerging College of the Century at National Level. The survey also ranked the college as 28th Best in Science at national level and 4th Best in Bengaluru. With the vision to produce intellectual and moral leadership by igniting the minds of youth to realize their potential and make positive contributions leading to prosperity of the society and the nation at large, the college marches on to provide educational opportunities for all aspiring young people to excel in life by developing academic excellence, fostering values, creating civic responsibility, inculcating environmental concern and building global competencies in a dynamic environment.

DEPARTMENT OF LIFE SCIENCES

The Department of Life Sciences, was started in the year 2002, with the aim of enabling and preparing aspirants in Life Sciences for research and career. The Department offers B.Sc. Programmes in Biotechnology, Microbiology, Biochemistry, Genetics and Botany and M.Sc. programmes in Biotechnology, Microbiology and Biochemistry. The Department is also a Research Centre in Biotechnology, affiliated to Bengaluru North University. The Department of Life Sciences was sanctioned support under the strengthening component of the DBT star college scheme by the Department of Biotechnology, Ministry of Science & Technology, and Government of India during April 2020. With the commitment of the faculty members to educational excellence and state of the art laboratories, the Department strives to serve the students in enhancing their scientific temperament and enabling them to inculcate scholarly knowledge in the various fields of Life Sciences.

THE UNIVERSITY OF TRANS-DISCIPLINARY HEALTH SCIENCES AND TECHNOLOGY (TDU)

The University of Trans-Disciplinary Health Sciences and Technology (TDU) sponsored by the FRLHT Trust, was legislated by the Government of Karnataka, in 2013. The primary mission of TDU revolves around fostering trans-disciplinary research and education. In its initial ten years of operation, TDU has concentrated its efforts on a singular domain: the intersection of Ayurveda and Biology. Notably, it has amassed a substantial collection of Ayurvedic medical literature and has developed robust research infrastructure in areas such as phytochemistry, genetics, microbiology, molecular and cell biology. The institution also oversees a 100-bed research hospital known as the Institute of Ayurveda and Integrative Medicine (IAIM). These strengths encompass diverse fields including conservation, life sciences, integrative health sciences, policy, education, bioinformatics, cinema, public health, ethno-veterinary science, information technology, art, and design. Through this approach, TDU aspires to contribute to the education of a new generation of researchers and change agents, both within their own communities and on the global stage.

PREAMBLE

The enhanced understanding of biological phenomena, coupled with transdisciplinary approaches, has led to significant breakthroughs in research that will contribute to the betterment of society. The Department of Life Sciences, Kristu Jayanti College in association with the University of Trans-Disciplinary Health Sciences and Technology (TDU), Bengaluru provides a golden opportunity, to unite researchers from various domains for the International Conference on " Transdisciplinary Research in Life Sciences: Perspectives and Prospects 2024" (ICTRLS-2024). The conference emphasis on the collaborative approach that involves integrating knowledge, methods, and perspectives from multiple disciplines which goes beyond traditional disciplinary boundaries to address complex problems in the field of biology, medicine, and related areas. The event is scheduled to take place on February 22nd-23rd, 2024, at Kristu Jayanti College (Autonomous) in Bangalore, Karnataka, India. ICTRLS - 2024 welcomes members of the global scientific community, providing a platform for the exchange of knowledge and technology transfer across diverse fields in biological sciences and provides an opportunity to interact with experts in the multiple domain and explore emerging technologies. By exploring the possibilities of the transdisciplinary research and advanced state-of-the-art technologies, the conference promises to enlighten and inspire the scientific community. The event will provide a platform for researchers to present their findings through oral and poster presentations. Our list of keynote and invited speakers comprises esteemed scientists, prominent industry experts and researchers hailing from both national and international organisation.

CALL FOR PAPERS

ICTRLS -2024 invites authors to contribute to the conference by submitting original, unpublished articles in the field of biological sciences in the following sub themes:

I Theme : Conservation Future

- Agriculture
- Natural Resource Management
- Ethnobotany
- Forensic biology
- Environmental Sustainability
- Climate change and Mitigation
- Conservation biology
- Food security
- Biomaterials and Biological environment

II Theme: Ayurveda Biology

- Indigenous medicine
- Clinical Research
- Synthetic Biology and Regenerative Medicine
- Integration of Biomedical Things
- Vrukshayurveda

III Theme: AI and Big Data

- Computational biology
- Drug Discovery and development
- Nano biotechnology
- Bio products and Bio system engineering

IV Theme: Mind Body Network

- Biopsychology
- Personalization concepts in clinical management of diseases
- Non-medicine health and disease management
- Brain and cognition improvement

V Theme: Natural Well-being

- Disease Diagnosis and therapeutics
- Indigenous medicine
- Integration of multiple medicinal systems
- Drug discovery and development
- Regenerative medicine

ABSTRACT SUBMISSION

Abstract should be 250-300 words. The deadline for submitting abstract is January 25, 2024. Book of abstracts will be released during the conference with an ISBN.

ORAL/POSTER PRESENTATION:

ICTRLS-2024 invites the authors to present their research findings. The best poster and paper presentation will be awarded.

GUIDELINES FOR PAPER SUBMISSION

Academicians, Research scholar, Students, Industry Professionals are invited to submit the paper for publication following the guidelines:

- The manuscript should not exceed 5,000 words with Times New Roman -heading in font size 14 and remaining text size 12 with double spacing.
- The first page should state the title of the paper, name of the author(s), official address, e-mail ID, contact number followed by the abstract.
- The author may submit the full length manuscript after the acceptance to **lifescienceevents@kristujayanti.com on or before 15th Feb, 2024.**
- Registration for participation and presentation should be completed by 25th Jan, 2024.
- Registration for participation should be completed by 18th Feb, 2024.
- All joint authors must register separately by paying the full registration fee.
- The selected papers will be peer reviewed and published in Web of Science/Scopus indexed journal (Article processing charges will be additional).

REGISTRATION FEE

Students and Research Scholars
Participation Only: ₹ 500.00
Participation & Paper Presentation: ₹ 700.00
Academic and Industry Delegates
Participation Only: ₹ 700.00
Participation & Paper Presentation: ₹ 1000.00
International Delegates
Participation & Paper Presentation: USD \$ 100

FOR PAYMENT AND REGISTRATION



<http://surl.li/lvfaa>

Accommodation will be arranged on prior request.