

CALL FOR ABSTRACTS

Abstracts for oral and poster presentations are invited in the above-mentioned themes. Abstract of the papers (about 250 words) should be prepared in MS word 6.0 (or any compatible version) and sent to the Organizing Secretary, International Conference-THM:IICSABS'24, by e-mail as file attachment. Name of the presenting author must be in bold. The abstract should include aim, objective, background, results, discussion and conclusion to understand the significance of the work. Abstracts will be scrutinized by the review panel and the acceptance will be intimated to the presenting author. Subsequent to this circular, all future correspondence, unless and otherwise required, will be through e-mail only. Abstracts of registered participants alone will be printed.

e-mail ID : hccbiotechnology@gmail.com

IMPORTANT DATES

Last Date for Submission of Abstract : **30th November 2024**
Last Date for Registration : **8th December 2024**
Conference Date : **10th-12th December 2024**

REGISTRATION FEE

	Indian Participants		International Participants	
	Non-BIDDS Members	BIDDS Members	Non-BIDDS Members	BIDDS Members
PG Students	Rs 1,500/-	Rs 1,000/-	USD 100	USD 80
Research Scholars	Rs 2,000/-	Rs 1,500/-	USD 150	USD 120
Scientists/Faculty/Delegates from Industries and Research Centers	Rs 2,500/-	Rs 2,000/-	USD 200	USD 180
Accompanying person	Rs 1500/-per head.		USD 120	

Registration fee includes local hospitality and conference material. The registered participants will be provided certificates, conference kits, refreshments, and lunch. The accompanying person registration fee includes all facilities applicable to delegates except the conference kit. Registration fee should be made through online payment mode by scanning the QR code and submitting it along with a duly filled registration form.

Registration link:

https://docs.google.com/forms/d/e/1FAIpQLScHWGFOkVhTyx_qY8mww9EEOEKMNAg7mEpZPNum_SNFwNN5lg/viewform?usp=sf_link

ACCOMMODATION

Efforts for cost-free accommodation in hostels/guest houses for students and research scholars, on expressed indication in the registration form, will be made by the organizers. Accommodation will also be arranged in hotels on request. Those who are interested in accommodation in hotels will have to pay the hotel tariff directly to the concerned hotel. Please indicate in the Registration form, your choice for stay so that advance booking will be made on behalf of the delegates.

PATRON

Rev. (Sr.) Dr. Sarguna,
Secretary, Holy Cross College (Autonomous), Tiruchirappalli-620 002

CONVENOR

Rev. (Sr.) Dr. Rajakumari P,
Principal, Holy Cross College (Autonomous), Tiruchirappalli-620 002

ORGANIZING SECRETARY

Dr. Rajalakshmi M
Assistant Professor in Biotechnology, Department of Zoology
Co-ordinator, Department of Biotechnology and Bioinformatics
Holy Cross College (Autonomous), Tiruchirappalli-620 002

CO-ORGANIZING SECRETARY

Prof. Sanjeev Kumar Singh
Secretary General - BIDDS, Department of Bioinformatics
Science Campus, Alagappa University, Karaikudi - 630004

ORGANIZING MEMBERS

Faculty of PG & Research Department of Biotechnology
Holy Cross College (Autonomous), Tiruchirappalli-620 002

INTERNATIONAL SPEAKERS

Prof. Dr. Chin-Kun Wang, Chung Shan Medical University, Taichung, Taiwan
Prof. Dr. Sharmili Vidyadaran, Universiti Putra Malaysia, Malaysia
Dr. A. Raghunath, University of Michigan, USA
Dr. Angelaalincy, Chulalongkorn University, Bangkok, Thailand
Dr. Jannathul Firdous, Faculty of Medicine, UniKL RCMP, Malaysia

NATIONAL SPEAKERS

Prof. Dr Sanjeev Kumar Singh, Alagappa University, Karaikudi, Tamil Nadu
Prof. Mukesh Doble, Founding Director, Theevanam Additives and Nutraceuticals Pvt. Ltd, Chennai, Tamil Nadu
Prof. Dr.S.Sudhakar, Manonmaniam Sundaranar University, Tirunelveli, Tamil Nadu
Dr. J. Angayarkanni, Bharathiyar University, Coimbatore, Tamil Nadu
Prof. A. Dinakara Rao, Pondicherry University, Puducherry
Dr. P. Varalakshmi, Madurai Kamaraj University, Madurai, Tamil Nadu
Dr. B Ashokkumar, Madurai Kamaraj University, Madurai, Tamil Nadu
Prof. Dr. Surajit Pathak, Chettinad Hospital & Research Institute, Chennai, Tamil Nadu
Prof. Dr. Antara Banerjee, Chettinad Hospital & Research Institute, Chennai, Tamil Nadu
Dr. Deepankumar Kanagavel, Vellore Institute of Technology, Vellore.
Dr. Darshee Baxi, Navrachana University, Vadodara
Dr. Denni Mammen, Navrachana University, Vadodara
Dr. Elizabeth Robin, Navrachana University, Vadodara
Dr. Rajesh Parsanathan, Central University of Tamil Nadu, Thiruvavur.
Dr. C. Anchana Devi, Director, Rudraash Diagnostics & Labs Pvt. Ltd., Trichy.

*We cordially invite you to take part in the deliberations
Faculty, PG & Research Department of Biotechnology & Bioinformatics
Secretary & Principal, Holy Cross College (Autonomous)*

For further queries contact

The Organizing Secretary
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PG & Research Department of Biotechnology & Bioinformatics HOLY CROSS COLLEGE (AUTONOMOUS)

In Collaboration with
**Bioinformatics and Drug Discovery Society
(BIDDS), Karaikudi**

*Organizing an
International Conference
On*

**“Transforming Health and Medicine:
Integrating Innovations and Collaborative
Strategies for Advanced Biomedical Solutions
(THM: IICSABS'24)”**

December 10th -12th, 2024

Our Lady's Hall



HOLY CROSS COLLEGE (AUTONOMOUS)

Affiliated to Bharathidasan University
Tiruchirappalli, Tamil Nadu, India
Nationally Accredited (4th Cycle) with A⁺⁺ Grade (CGPA 3.75/4) by NAAC
College with Potential for Excellence

HOLY CROSS COLLEGE (AUTONOMOUS)

TIRUCHIRAPPALLI-2

Nationally Accredited(4th Cycle) with A⁺⁺ Grade(CGPA3.75/4) by NAAC
College with Potential for Excellence
DST-FIST (Botany, Chemistry, Mathematics, Physics, Zoology)
DBT STAR College Scheme (Botany, Chemistry, Physics & Zoology)
DBT-BIF Center (Bioinformatics)



&

Bioinformatics and Drug Discovery Society (BIDDS)

ABOUT THE INSTITUTION

Holy Cross College (Autonomous) Tiruchirappalli is a leading Arts and Science College for Women in the state of Tamil Nadu. Situated at the heart of 'The Rock City' on the banks of the River Cauvery, Holy Cross College has a unique history of academic excellence. Holy Cross College (Autonomous), Tiruchirappalli has been in the forefront of women's education for a century. It is a Catholic Institution established in the year 1923 for the benefit of the young girls of Tiruchirappalli, when higher education for women was considered almost a transgression against the age-old respected customs concerning higher education for girls. It has a unique history with excellence for ten decades. Holy Cross College admits students, irrespective of their caste, creed and state. The college administered by the Sisters of the Cross of Chavanod, Province of Tiruchirappalli, is affiliated to the Bharathidasan University and it is one among the oldest college for women in South India.

Holy Cross College started functioning with 5 students in 1923 as an intermediate course with Ancient History, Indian History, Modern History and Logic. As recognition of its outstanding service for the cause of women's education by Mother Sophie, a French missionary, it was granted Autonomous status in 1987, the college is empowered to frame its own course of studies and adopt novel methods of teaching and evaluation. The University degrees will be granted to the students passing the examinations conducted by the college. It was the first affiliated college in the Bharathidasan University, to launch the Choice-Based Credit System in June 2000, to provide flexible choice of subjects to the students. At present keeping in view the globalization of higher education the college has designed a new undergraduate course Curriculum which enables students to choose courses from a combination of disciplines, to suit individual needs with career opportunities.

From its humble beginning, it has steadily grown, attained the status of a college in 1923, became a Second Grade College in 1928 and Post Graduate College in 1964. In recognition of its services to the cause of women's education, for several decades, the college was granted autonomous status in 1987 by the Bharathidasan University. It was accredited by National Assessment and Accreditation Council (NAAC) in 1999 with 5 stars and re-accredited in 2005 with 'A' grade and in 2012 (3rd Cycle) with A Grade in 2020 (4th Cycle) with A⁺⁺ with CGPA Score of 3.75 on a 4.0 Scale by NAAC. The college was recognized by UGC as 'College with Potential for Excellence' in October 2011 and the CPE status has been extended till 2022. As per the National Institutional Ranking Framework (NIRF) by MHRD, the college was ranked 26th for the year 2017, 42nd for the year 2018, 85th in 2019, 66th in 2020, 49th in 2021, 67th in 2022 and 40th in 2023. At present, the College offers 23 UG, 21 PG and 13 Ph.D. programmes in various departments. There are 186 teaching staff holding doctoral degree out of 303. There are 129 non-teaching staff in service. The college made a leap in research through acquiring funds for research activities. Simultaneously, the departments started research programmes and guiding students that led to enormous publications in reputed national and international journals with good impact factors. With the existing ambience in research activities in the campus, Holy Cross College will soon become a prominent Research Centre. The College continues to march forward into the next century in its mission to empower the young minds with knowledge, values and skills necessary to be locally resourceful and globally competent.

ABOUT THE DEPARTMENT

The Postgraduate and Research Department of Biotechnology and Bioinformatics was incepted in the year 2002 and has now stepped into its 21 years of reign of marking the arena, with the aim of promoting the young minds into advanced higher education and research protégés. In 2020, the Department was subsumed under School of Life Sciences and offers Four programmes in Biotechnology (B.Sc., M.Sc., M.Phil., and Ph.D.) and two programs in Bioinformatics (PGDBI and M.Sc- 5-year Integrated). The Department is successful in amalgamating the Life Sciences by establishing an advanced Molecular biology and Microbiology Laboratories and a Centralized Instrumentation Facility funded by the Department of Science and Technology (DST), Government of India under the FIST scheme. This facility satiates the researcher's aspirations by highly regulating the ongoing research that also extends the arena to all faculties and researchers of all Life Science Departments from other institutions. The Department is fully equipped with sophisticated laboratories to provide with better teaching and research ambience for students, scholars and faculty members.

About BIDDS

The Bioinformatics and Drug Discovery Society (BIDDS) is an Indian academic society for Bioinformatics, Computational Biology and Drug Discovery. It has been registered under the rule 8 of the Tamil Nadu society's registration Act, 1975 and was proposed by Dr. S. Subbiah, Vice-Chancellor, Alagappa University at University's Bioinformatics department during the 9th National symposium-cum-workshop on "Recent trends in structural bioinformatics and computer aided drug design". BIDDS was founded to foster research and collaboration in the fields of bioinformatics, computational biology, and drug discovery. Recognizing the

growing importance of bioinformatics in life sciences, BIDDS aims to provide a platform for scientists, researchers, and students to discuss and explore innovative drug design approaches using advanced computer-aided technologies. The society serves as a hub for knowledge sharing and collaboration, connecting bioinformatics with biological sciences and other related fields. BIDDS promotes recent advancements in drug discovery through bioinformatics, recognizes outstanding researchers and scientists, and offers opportunities for networking, training, and professional development. By bringing together experts from across India and providing a global stage for scientific exchange, BIDDS supports the growth and innovation of drug discovery research.

ABOUT TIRUCHIRAPPALLI

Tiruchirappalli is situated at the center of Tamil Nadu on the banks of River Cauvery. The Rock City is famous for the Thayumanavar Temple and Sri Renganatha Swamy Temple at Srirangam, Tiruchirappalli. The famous Mariamman Temple is at Samayapuram just 15 km north of Tiruchirappalli and Murugan Temple at Vayalur, about 10 km west of Tiruchirappalli. The city accommodates National Institute of Technology, Bharathidasan University, about 10 Engineering Colleges, two Medical Colleges and more than 10 Arts and Science Colleges. The Ordinance Factory and Bharat Heavy Electricals Limited (BHEL) are the major industries of Tiruchirappalli. Mukkombu and Grand Anaikat on Cauvery are the tourist spots.

ABOUT THE CONFERENCE

The conference will be organized with lead lectures from experts and senior scientists in the areas of Stem Cell Biology, Medical Biochemistry, Microbiology, Clinical and Medicinal Chemistry, Pharmacology, Cell and Molecular Biology, Genetics, Immunology, Cytology, Bioinformatics, Biotechnology, Nanotechnology, Cancer Biology, Developmental Biology, Endocrinology, Toxicology, Glycobiology, Neurobiology and Structural and Chemical Biology to disseminate cutting-edge research findings, innovations, and technologies. The conference programme schedule includes Plenary Sessions, Invited lectures, Oral Presentations, Panel Discussions and Poster Exhibitions giving ample scope for researchers to present their, allowing for interaction, feedback and discussion. The promising young researchers will be rewarded with six prizes, three each for oral and poster presentations and also a Young Scientist Award. Full length papers of prize winners and lead lectures will be published in the proceedings of the conference to disseminate the information among all researchers in the field.

OBJECTIVES OF THE CONFERENCE

- Bringing together Medical Practitioners, Scientists and Research scholars working in the field of Biomedical Sciences in one platform to share the latest research findings, innovations, and developments in Biomedical Sciences and to evolve strategies and directions for research in future in this field.
- Motivate young scholars by providing a platform to make presentations, defenses and discussions and develop confidence.
- Facilitate connections among researchers, clinicians, industry professionals, and students to foster collaboration.
- Highlight cutting-edge technologies, methodologies, and products that can advance healthcare and research and showcase the latest tools and techniques in the areas of Biomedical Sciences research.
- Recognize and honor outstanding contributions and innovations in the biomedical field.