

NATIONAL SCIENTIFIC ADVISORY COMMITTEE

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Dr. N. Senthil Kumar,
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School of Life Sciences,
Mizoram University, Aizawl-796004.

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College of Medicine, Salman Bin Abdulaziz University,
Kingdom of Saudi Arabia.

Dr. Kumaresan Ramanathan,
Professor of Medical Biochemistry,
Department of Biomedical Sciences,
Faculty of Medical Sciences,
Institute of Health, Jimma University, Ethiopia.

Dr.K.P. Sivakumaran,
Principal Scientist & Senior Consultant, Centre
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68,Anne Road, Knoxfield, Victoria 3180, Australia.

Dr.Jeevithan Elango,
Professor,
Department of Biomaterials Engineering,
Faculty of Health Sciences,
UCAM Universidad Católica San Antonio De Murcia,
AvDeLos Jernimos, 135; Gaudalope DeMaciascoque,
Murica- 30107, Spain.

RESOURCE PERSON DAY- 1 (07.01.2026)

Keynote Address

Dr.T.Malarvili,
Professor in Biochemistry,
Center for Distance and Online Education,
Bharathidasan University,
Tiruchirappalli.



Topic : Targeted Therapy:A New Era in Treatment

Invited Lecture I

Dr. Karthikeyan Chandrasekaran,
Professor,

**Department of Chemical and
Biochemical Engineering,
Dongguk University,
Seoul, South Korea.**



**Topic : Hybrid Bio-nanocomposite: an Integrated
Biochemical Strategy Against Microbial
Infections and Cancer**

DAY- 2 (08.01.2026)

Invited Lecture II

Dr.S.Suja,
Professor and Head,
Department of Biochemistry,
Bharathiar University,
Coimbatore - 641 046.



**Topic : Application of Artificial Neural Network
in Biological Science**

Invited Lecture III

Dr.Vijayakumar Sekar,
World Top 2% Scientist,
Post Doctoral Research Fellow,
College of Material Science and
Engineering, Huaqiao University,
Engineering Research Center of Environment-
Friendly Functional Materials,
Ministry of Education, Xiamen 361021, PR China.



**Topic : Kitchen to Lab: Translating
Green Biomolecules into Nanomedicine**

Valedictory Address

Dr. A.Mohamed Ismail,
Principal,
E.G.S. Pillay Arts & Science
College (Autonomous),
Nagapattinam.



ORGANIZING COMMITTEE

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PG & Research Department of Biochemistry

For Further Details Contact

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Cell: 6379225916, 9789042704, 8098212897.

INTERNATIONAL CONFERENCE ON

**Biochemistry and Human Health in
the 21st Century : Integrating Technology,
Medicine and Translational Science**

(ICBHITMT-2026)



Organized by

**PG & RESEARCH DEPARTMENT OF
BIOCHEMISTRY**

IN ASSOCIATION WITH IQAC

**SENGAMALA THAYAAR EDUCATIONAL TRUST
WOMEN'S COLLEGE (AUTONOMOUS)
(SILVER JUBILEE INSTITUTION)**

**(Affiliated to Bharathidasan University, Tiruchirappalli)
(Accredited by NAAC &
An ISO 9001:2015 Certified Institution)**

**SUNDRAKKOTTAI, MANNARGUDI - 614 016.
THIRUVARUR (Dist.), TAMIL NADU, INDIA.**

Phone: 04367-255423

Website: www.stet.edu.in



**VENUE : CONFERENCE HALL,
VIVEKANANDHAM BLOCK**

DATES : 07.01.2026 (Wednesday) &

08.01.2026 (Thursday)

TIME : 10.00 a.m.

ABOUT THE INSTITUTION

Empowering the women is empowering the nation. Higher education, especially to women, empowers not only the family but also emphasized as a mission of capacity building of the nation. The significance of this aspect has been rightly recognized and there has been a paradigm shift in the scenario of women education in the urban. Nevertheless higher education to women in the rural area needs encouragement, because the main source of income is agriculture and per capita income is relatively very low. In this context, Sengamala Thayaar Educational Trust Women's College was established at Sundarakkottai, a hamlet in Thiruvarur district, in the year 1994 by Shrimathi Krishnaveni Vivekanandham, who entrusted the task of nurturing the institution to her illustrious son Dr.V.Dhivaharan now as the Correspondent with yonder vision for promoting higher education to women students in this downtrodden area. The institution offers 17 UG, 14 PG, 4 Ph.D. and PG Diploma courses. Sengamala Thayaar Educational Trust Women's College is recognized as one of the foremost educational institutions in India, affiliated to Bharathidasan University, Tiruchirappalli. It has been accredited by NAAC and it is an ISO 9001:2015 Certified Institution. The institution has attained Autonomous in the year 2019-2020. The Internal Quality Assurance Cell (IQAC) of the College is extremely active to achieve the goal of the institution.

ABOUT THE DEPARTMENT

Biochemistry is an advanced course which forms the basis for other fields including Bioinformatics, Microbiology, Biotechnology and Molecular biology. The Department of Biochemistry was established in 1995. It offers B.Sc., M.Sc., and Ph.D., programmes. It has a long history of research in various fields like Phytopharmacology, Biochemical Pharmacology, Clinical Pharmacology, Enzyme Technology, Nutritional Biochemistry, Nanotechnology, Microbial Biochemistry and Clinical Biochemistry. So far, the department has produced 1348 undergraduates, 756 postgraduates, 151 M.Phil., scholars and 10 Ph.D., scholars. Students have secured 278 University ranks including 18 gold medals. Department laboratories are well equipped with sophisticated instruments. Students can access to recent edition books in the department library. Department has received research projects from UGC- SERO, Hyderabad and Tamil Nadu State Council for Science and Technology (TNSCST), Indian Council of Medical Research (ICMR), Swachhta Saarthi Fellowship (Waste to Wealth) and RedMed Medical Services, Chennai. Faculty members have been regularly presenting papers in an International and National Conferences and publishing papers in International and National journals with high impact factor. The department organizes Conferences, Seminars, Guest lecturers, Workshops, Hands on training and Extension activities frequently.

ABOUT THE CONFERENCE

The "International Conference on "Biochemistry and Human Health in the 21st Century: Integrating Technology, Medicine and Translational Science" (ICBHITMT-2026) on 7th & 8th January 2026. The 21st century has witnessed unprecedented advances in Biochemistry, Biomedical Technology, and Clinical Medicine, fundamentally transforming our understanding of human health and disease. Rapid developments in Molecular Diagnostics, Bioinformatics, Artificial Intelligence, Precision Medicine and Translational Research have positioned Biochemistry at the core of modern healthcare innovation. The main aims to provide a comprehensive platform for students, researchers, academicians and clinicians to deliberate on emerging biochemical paradigms that integrate technology-driven solutions with medical and health sciences. The conference seeks to foster interdisciplinary dialogue, promote research dissemination and encourage translational thinking to address contemporary and future health challenges.

THEMES

The ICBHITMT-2026 strives to be the most professional and promising international conference focusing on "Biochemistry and Human Health in the 21st Century: Integrating Technology, Medicine and Translational Science" by bringing all renowned and conscious researchers under one roof. The Conference themes include :

- Molecular and Cellular Basis of Human Diseases
- Clinical Biochemistry and Diagnostics
- Bioinformatics
- Pharmaceutical Biochemistry
- Phytochemistry
- Nutritional Biochemistry
- Microbial Biochemistry
- Nanomedicine

CONFERENCE AWARDS

The Organizing Committee will confer the following awards to young investigators and students during ICBHITMT-2026.

1. Oral Presentation Awards (03)
2. Poster Presentation Awards (03)

CALL FOR ABSTRACTS

Abstracts under the above thematic areas are invited for invited/voluntary (oral and poster) presentations in the ICBHITMT-2026. Abstract typed in MS Word (font size 12, Times New Roman, single line spacing) not exceeding 300 words, should be emailed to stetbioconference@gmail.com along with duly filled registration form or may be filled online. The title should be bold and in sentence case. The author (s) name should be bold and affiliation in italics font. The email of the corresponding author needs to be given. Presentation categories include Plenary/Invited and Poster.

IMPORTANT DATES

Conference Date : 7th & 8th January 2026
Abstract Submission Starts : 24th December 2025
Abstract Submission Ends : 2nd January 2026
Submission of Full Papers : 5th January 2026

REGISTRATION FEE

Registration fees include expenses for a registration kit, lunch, and tea for the conference at college premises.

Category	Amount	After 2 nd Jan 2026
Students / Research Scholars	500 INR	600 INR
Faculty Members	600 INR	750 INR
Scientists	750 INR	1000 INR
Corporate Members	1000 INR	1250 INR

POSTER GUIDELINES

The size of the poster should be 4' (L) & 4' (H). The author should include the title, author(s) name, affiliation(s) and address(s), abstract, keywords with the following headings: Introduction, Objectives, Methods, Results and Conclusion.

PUBLICATION OF PROCEEDING

The selected research papers will be published in the proceeding with ISBN.

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PG & RESEARCH DEPARTMENT OF BIOCHEMISTRY

SENGAMALA THAYAAR EDUCATIONAL TRUST WOMEN'S COLLEGE (AUTONOMOUS)
SUNDARAKKOTTAI, MANNARGUDI - 614 016.
THIRUVARUR (Dist.), TAMIL NADU, INDIA.

"Biochemistry and Human Health in the 21st Century : Integrating Technology, Medicine and Translational Science" (ICBHITMT-2026)

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Note : Photocopies of the Registration Form can be used.



**SENGAMALA THAYAAR EDUCATIONAL TRUST
WOMEN'S COLLEGE (AUTONOMOUS)
SUNDARAKKOTTAI, MANNARGUDI - 614 016.
THIRUVARUR (Dist.), TAMIL NADU, INDIA.**

**BIOCHEMISTRY AND HUMAN HEALTH IN
THE 21st CENTURY : INTEGRATING TECHNOLOGY,
MEDICINE AND TRANSLATIONAL SCIENCE
(ICBHITMT-2026)**

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