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Malcolm Feist Post doctoral Fellow Louisiana State University Health Sciences Center, USA.

**Dr. Kumaresan Ramanathan,**

Professor, Institute of Health, Jimma University, Ethiopia.

**Dr.T.Ramesh,**

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

**Dr.K.Gopinath,**

Post Doctoral Researcher Department of Packaging, College of Science and Technology, Yonsei University, Korea.

**Dr. Peramaiyan Rajendran,**

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**Dr. Charles Gnanaraj,**

Post-doctoral research fellow, Tunku Abdul Rahman University, Malaysia.

**Dr. Rameshkumar Santhanam,**

Lecturer, School of Fundamental Sciences, Universiti Malaysia Terengganu, Terengganu.

**Dr.Senthilkumar Subramanian,**

Associate Professor, Jigjiga University, Jigjiga, Ethiopia.

**Dr. Rengasamy Anbazhakan,**

Post Doctoral Researcher, School of Ecology and Environmental Science, Yunnan University, China.

### **RESOURCE PERSONS**

**DAY -1 ( 25.09.2024)**

#### **Keynote Address**

**Prof.Dr. T. Marimuthu,**

Secretary,  
National Academy of Biological Sciences  
NABS-Secretariat,  
University of Madras,  
Guindy Campus,  
Chennai – 600 025.



**Topic : The Noni, *Morinda citrifolia L.*: A resourceful medicinal plant for Health Security**

#### **Invited Lecture I**

**Dr.Kumaresan Ramanathan**

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



**Topic : Plant microRNA: Pioneering New Avenues in miRNA Therapeutics for Human Health**

**DAY - 2 (26.09.2024)**

#### **Invited Lecture II**

**Mr.T.R.Sasi Varier,**

Executive Director,  
Ashtanga Ayurvedics (P) LTD,  
Tiruchirappalli.



**Topic :Ayurvedic pharmacy to phytopharmaceuticals - A Journey through time and tradition**

#### **Invited Lecture III**

**Dr. Rajesh Parsanathan,**

Malcolm Feist Post doctoral Fellow  
Department of Pediatrics and  
Center for Cardiovascular Diseases and  
Sciences Louisiana State University  
Health Sciences Center, USA.



**Topic :Rationalizing the Use of Indian Medicinal Plants for Diabetes: An Integrated Approach of Network Pharmacology, Molecular Docking and *in vitro* Studies**

#### **Valedictory Address**

**Dr.T.Malarvili,**

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



### **ORGANIZING COMMITTEE**

**Dr.V.Dhivaharan, M.Sc., D.E.M., Ph.D.,**

**CORRESPONDENT,**

**STET Group of Institutions**

**Dr. N. Uma Maheswari , M.Sc., Ph.D., B.Ed.,**

**PRINCIPAL,**

**S.T.E.T Women's College (Autonomous)**

#### **CONVENOR**

**Dr.R.Anuradha, M.Sc., M.Phil., Ph.D.,**

**Associate Professor & Head,**

**PG & Research Department of Biochemistry**

#### **CO-CONVENORS**

**Dr. S.Manikandaselvi, M.Sc., M.Phil., Ph.D.,**

**Associate Professor**

**Dr. G.Prasanna, M.Sc., M.Phil., Ph.D., SET.,**

**Associate Professor**

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**Assistant Professor**

**PG & Research Department of Biochemistry**

#### **For Further Details Contact**

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**Associate Professor & Head,**

**PG & Research Department of Biochemistry.**

**S.T.E.T Women's College (Autonomous),**

**Sundarakkottai, Mannargudi - 614 016**

**E.mail: stetbioconference@gmail.com**

**Cell: 6379225916, 9789042704, 8098212897.**



### **SENGAMALA THAYAAR EDUCATIONAL TRUST WOMEN'S COLLEGE (AUTONOMOUS)**

(Affiliated to Bharathidasan University, Tiruchirappalli)  
(Accredited by NAAC & An ISO 9001:2015 Certified Institution)  
(Ranked 3<sup>rd</sup> band in NIRF-2024)

**SUNDARAKKOTTAI, MANNARGUDI - 614 016.**

**THIRUVARUR (Dist.), TAMIL NADU, INDIA.**

Phone: 04367-255423

Website : www.stet.edu.in

### **INTERNATIONAL CONFERENCE ON**

### **Phytopharmaceuticals – An Emerging Platform to Sustainable Health Care (ICPEPSH-2024)**

**VENUE : CONFERENCE HALL,  
VIVEKANANDHAM BLOCK**

**DATES : 25.09.2024 (Wednesday) &  
26.09.2024 (Thursday)**

**TIME : 10.00 a.m.**

**Organized by  
PG & RESEARCH DEPARTMENT OF  
BIOCHEMISTRY  
IN ASSOCIATION WITH IQAC**

## 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 16 UG, 13 PG, 4 Ph.D. and PG Diploma course. 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. Our institution has ranked 3<sup>rd</sup> band in NIRF 2024. The Government sanctioned NCC (SW) unit for our college through FSFS scheme and 8TN(Bn) Kumbakonam army wing approved three platoon and 160 cadets.

## 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 1305 undergraduates, 733 postgraduates, 151 M.Phil., scholars and 9 Ph.D., scholars. Students have secured 276 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 research article 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

Phytochemicals, the naturally occurring compounds in plants, have been recognized for their potential health benefits and therapeutic properties. Recent advancements in phytochemical research have unveiled their critical roles in disease prevention treatment, and overall health promotion. The ICPEPSH-2024 conference aims to bring together leading scientists, researchers, and healthcare professionals to discuss the latest developments, trends, and innovations in the field of phytopharmaceuticals.

## CONFERENCE OBJECTIVES

The primary objective of the ICPEPSH-2024 conference is to provide a premier interdisciplinary platform for researchers, practitioners, and educators to present and discuss the most recent innovations, trends, and concerns, as well as practical challenges and solutions in the field of phytochemicals and their impact on health and disease.

## THEMES

The ICPEPSH-2024 strives to be the most professional and promising International Conference focusing on phytopharmaceuticals by bringing all renowned and conscious researchers under one roof. The Conference themes include:

- Bioactive compounds in plants
- Mechanism of action of phytochemicals
- Phytochemicals in disease prevention and management
- Therapeutic potential of phytochemicals in chronic diseases
- Nutraceuticals and functional foods
- Advances in phytochemical extraction and analysis
- Safety and toxicity of phytochemicals
- Phytochemicals and public health
- Natural Products & Drug Design
- Clinical Biochemistry
- Medical Microbiology
- Microbial Biochemistry
- Phytochemistry
- Nanomedicine
- Cancer Biology
- Nutritional Biochemistry

## CONFERENCE AWARDS

The Organizing Committee will confer the following awards to young investigators and students during ICPEPSH-2024.

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 ICPEPSH-2024. 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](mailto: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 Dates : 25<sup>th</sup> & 26<sup>th</sup> Sep 2024

Registration and Abstract Submission Starts: 14<sup>th</sup> Sep 2024

Last Date for Submission of Abstract : 18<sup>th</sup> Sep 2024

Submission of Full Paper for Proceeding : 20<sup>th</sup> Sep 2024

## REGISTRATION FEE

Registration fees include expenses for a registration kit, lunch, and tea for the conference duration. Registration can be done by filling out a form at <https://forms.gle/HS8D4xKs4ioS9PgR6> (or) by scanning the given QR code.

Category	Amount	After 20 <sup>th</sup> sep 2024
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)

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## INTERNATIONAL CONFERENCE ON Phytopharmaceuticals – An Emerging Platform to Sustainable Health Care (ICPEPSH-2024)

Name :

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Note : Photocopies of the Registration Form  
can be used.