

Day-1: 26.02.2025

Registration – 8.30 – 9.30 a.m

INAUGURAL SESSION - 10.00 – 11.00 a.m

TEA BREAK – 11.00 – 11.15 a.m

RESOURCE PERSONS

INVITED LECTURE – I - 11.15 a.m – 12.15 p.m

Topic: Human health implications of emerging and reemerging infectious diseases and the current situation in India's preparedness

Dr.N.Prabhusaran,

Research Faculty of Microbiology,
Trichy SRM Medical College Hospital and Research,
Affiliated to Dr. M.G.R Medical University,
Tiruchirappalli, Tamilnadu.



INVITED LECTURE – II - 12.15 – 1.15 p.m

Topic: "Modern Diagnostic Field Approaches on challenging microbial diseases- An One Health perspective"

Dr. B. Puvarajan,

Professor, TANUVAS,
Regional Research and Educational
Centre Industrial Estate Post, Pudukkottai.



LUNCH BREAK (1.15 to 2.00 p.m)

PAPER PRESENTATION (2.00 to 3.00 p.m)

Day-2: 27.02.2025

INVITED LECTURE – III – 10.00 – 11.00 a.m

Topic: Recent developments in Human Microbiome Research

Dr. Joseph Selvin,

Professor, Department of Microbiology,
School of Life Science,
Kalapet, Pondicherry University, Pondicherry.



TEA BREAK – 11.00 – 11.15 a.m

INVITED LECTURE – IV - 11.15 a.m – 12.15 p.m

Topic: Cyanobacterial exopolysaccharide, an alternative remedy for ulcerative colitis—a preliminary study.

Dr. N.Sivakumar,

Assistant Professor, School of Biotechnology,
Madurai Kamaraj University, Madurai, Tamil Nadu.



PAPER PRESENTATION (12.15 to 1.00 p.m)

LUNCH BREAK (1.00 to 2.00 p.m)

VALEDICTION (2.00 to 3.00 p.m)

ORGANIZING COMMITTEE

CHIEF PATRON

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

CORRESPONDENT

STET Group of Institutions

PATRON

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

PRINCIPAL,

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

CONVENOR AND ORGANIZING SECRETARY

Dr.M.Kannahi, M.Sc., M.Phil., Ph.D., B.Ed.,

ASSOCIATE PROFESSOR & HEAD

PG and Research Department of Microbiology

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Ms.P.Kokila, M.Sc., M.Phil., Assistant Professor

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Dr. N. Thajuddin Pro-Vice Chancellor, B.S. Abdur Rahman Crescent Institute of Science and Technology, Vandalur.

Dr.K.Thiyagasen Academic Advisor, S.T.ET Women's College (Autonomous), Sundarakkottai, Mannargudi.

Dr. A. Panneerselvam Editor in Chief - International Journal of Scientific Transaction in Environment and Technovation, S.T.ET Women's College (Autonomous), Sundarakkottai, Mannargudi.

Dr. Joseph Selvin Professor, Department of Microbiology, School of Life Science, Pondicherry University, Pondicherry.

Dr.N.Prabhusaran Research Faculty of Microbiology, Trichy SRM Medical College Hospital and Research, Tiruchirappalli, Tamil Nadu.

Dr. B. Puvarajan Professor, TANUVAS Regional Research and Educational Centre Industrial Estate Post, Pudukkottai

Dr. N.Sivakumar Assistant Professor, School of Biotechnology, Madurai Kamaraj University, Madurai.

Microbiologists Society, India (MBSI)

Dr.A.M.Deshmukh President

Dr.Swapna Mukherjee Secretary

Dr.R.S.Awasthi Treasurer

Dr.Shilpa Ashok Jani Member

Dr.V.Shanmugaiah State President, Tamil Nadu.



**NATIONAL CONFERENCE ON
"Microbial Insights: Current Trends, Challenges
and Future Frontiers"**

(MICTCFF-2025)

**Organized by
PG AND RESEARCH DEPARTMENT OF
MICROBIOLOGY**

**in association with
MICROBIOLOGIST SOCIETY OF INDIA
and
INTERNAL QUALITY ASSURANCE CELL**

**During
26th and 27th February, 2025**



**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)
(Ranked in NIRF 2024)**

**SUNDARAKKOTTAI, MANNARGUDI - 614 016.
THIRUVARUR (Dt.), TAMIL NADU, INDIA.**

Phone: 04367-255423, Website: www.stet.edu.in

**VENUE : Conference Hall, Vivekanandham Block
TIME : 10.00 a.m.**

ABOUT THE INSTITUTION

“Empowering women: 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 2020 and has attained ranking in NIRF 2024. The Government sanctioned NCC (SW) unit for our college through FSFS scheme. Central Government Scheme Deen Dayal Upadhaya Grameen Kaushalya Yoana (DDU-GKY) is being conducted to train school drop out students.

ABOUT THE DEPARTMENT

Department of Microbiology was started in the year 1995. It has grown from strength to strength and offers up to the highest Research Degree. The Department has successfully graduated more than 1,237 (UG), 641 (PG) and 10 Ph.D., Scholars. Students promote research activities leading to Ph.D., degree. The Department has well equipped with ICT enabled class rooms and Centralized Instrumentation Facility. It has sophisticated instruments like HPLC, GC, Multi focus microscope, Thermal cycler, Inverted Tissue Culture Microscope, Immunofluorescent Microscope, AAS, Flame Photometer, Gel Documentation system and Bioreactor. Biominin Laboratories are functioning as the center for Tissue culture, biofertilizers, vermicompost production, micronutrient preparations for 14 crop varieties and mushroom cultivation. Many funded projects are received from Management and Government Funding agencies and are being operated by the Department. The students of our Department have excelled in both academic as well as extracurricular activities. The atmosphere of the Department is always focused on student centric methods. The Department has made significant contribution to the fungal taxonomy. So far, 139 new species, 18 varieties, 2 new genera, 3 new generic records, 20 new records and 3 rare foliicolous fungi from India were discovered by our Research Scholars. Department has received research projects from UGC-SERO, Hyderabad, Tamil Nadu State Council for Science and Technology (TNSCST) Free Bioinstrumentation training programme is being conducted every year during the summer for other college students. The excellent infrastructure facilities are available in the Department and the quality of education offered by the dedicated eminent teaching faculty. The strength of the Department lies in the potential involvement and serving the humanity using biological science as tools. The Department is doing collaborative research activities with functional MoUs. Incubation center is functioning to promote and facilitate Startups. Extension activity and consultancy services are being conducted to promote the rural women Entrepreneurs.

THEMES OF THE CONFERENCE

Microbial Insights: Current Trends, Challenges, and Future Frontiers” is a National Conference dedicated to exploring the latest advancements, ongoing challenges, and future perspectives in the field of microbiology. This conference aims to bring together renowned researchers, academicians, industry professionals, and students to exchange knowledge and discuss cutting-edge developments in microbial sciences.

HIGHLIGHTS OF THE CONFERENCE

- Emerging trends in microbiology and biotechnology
- Advances in microbial genomics and metagenomics
- Microbes in health, disease, and therapeutics
- Environmental and industrial microbiology innovations
- Challenges in antimicrobial resistance and microbial pathogenesis
- Future frontiers in microbial research and applications

CALL FOR ABSTRACTS

Abstract of original and ongoing researches in relevant areas are invited from PG students, Research scholars, Academicians, Teaching faculty members and scientists. The abstracts are to be submitted in the following format. **Length:** Not exceeding 250 words with key words, **Font:** Times New Roman: Size-12 with 1.5 Spacing, **Title page:** Manuscript title, author(s), affiliation(s). The corresponding author should be underlined. The abstract and Power point presentation should be sent to email only, **email id:** stetmnc@gmail.com

IMPORTANT DATES

Last date for abstract submission : 22.02.2025
Submission of Full Paper : 25.02.2025

REGISTRATION LINK: <https://forms.gle/ZKn9SPfOxcQ6R16d8>

REGISTRATION FEE

Student : Rs.400/-
Research Scholar : Rs. 500/-
Scientists/ Faculty Members : Rs. 700/-
Corporate Members : Rs. 800/-

POSTER PRESENTATION

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

PUBLICATION OF PROCEEDING

The selected research paper will be published in the proceedings with ISBN Number. Publication Charge Rs.1000 / article.

CONFERENCE AWARD: Best Oral and Poster Presentation (I, II and III)

ONLINE PAYMENT

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Bank Name : State Bank of India
A/C Name : STET (W) College ,
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During
26th and 27th February, 2025

Name :
Designation :
Institution Address :
Mobile No. (Whats App) :
Email Id :
Registration Category (Tick) Participants / Oral/ Poster
Details of the Payment (Tick): DD/ Online/ G-pay
Amount :
DD Number :
Bank Name :
Branch :
Date :

Signature

(Photocopies of the Registration form can be used)

For Further Details Contact:

Dr.M.Kannahi

CONVENOR AND ORGANIZING SECRETARY

Cell: 9865787206