

ADVISORY COMMITTEE

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Panangad, Kochi-682 506. Kerala.

Dr. N. Senthil Kumar

Senior Professor,
Department of Biotechnology,
School of Life Sciences,
Mizoram University, Aizawl-796004.

RESOURCE PERSONS

DAY- 1 (22.09.2026)

Keynote Address

Dr. Agilan Balupillai

Department of Biotechnology,
School of Life Sciences Kalapet,
Pondicherry University, Puducherry.



**Topic : Targeting Microtubule Dynamics with
Natural Flavonoids to Enhance Chemotherapy
and Suppress Metastatic Progression in Breast Cancer**

Invited Lecture I

Dr. S. Gayathri Devi

Professor, Department of Biochemistry,
Biotechnology and Bioinformatics,
Avinashilingam University for Women,
Coimbatore - 641043.



**Topic : Unlocking Nature's Pharmacy: Phytochemistry
Driven Discovery of Bioactive Therapeutics**

DAY- 2 (23.09.2026)

Invited Lecture II

Dr. M. Rajadurai

Associate Professor,
Department of Food Technology,
Faculty of Natural Sciences,
M S Ramaiah University of Applied Sciences,
Bangalore 560054.



**Topic : Phytochemicals to Pharmaceuticals :Translating
Nature's Bioactives into Therapeutic Innovations**

Invited Lecture III

Dr. T. Malarvili

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



**Topic : Exploring Microbial-Derived Peptides: From
Natural Sources to Therapeutic Potentials**

Valedictory Address

Dr. S.Velavan

Director
Harman Research Institute of Science
Education and Research,
Thanjavur.



ORGANIZING COMMITTEE

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Assistant Professor

Ms. M. Ashwitha, M.Sc., DMLT., (Ph.D)

Assistant Professor

PG & Research Department of Biochemistry

For Further Details Contact

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E-Mail ID: stetbioconference@gmail.com

Contact No :

63792 25916, 63794 40115, 80982 12897

NATIONAL CONFERENCE ON

**“From Nature to Medicine:
Advancing Phytochemistry and
Bioactive Discovery”
(NCFNMAPBD-2026)**



Organized by

**BIODIA Club of
PG & RESEARCH DEPARTMENT OF
BIOCHEMISTRY**

IN ASSOCIATION WITH IQAC & IIC

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

(SILVER JUBILEE INSTITUTION)

**(Affiliated to Bharathidasan University, Tiruchirappalli)
(Accredited by NAAC)**

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

Phone: 04367-255423

Website: www.stet.edu.in



**VENUE : CONFERENCE HALL,
VIVEKANANDHAM BLOCK**

**DATES : 22.09.2026 (Tuesday) &
23.09.2026 (Wednesday)**

TIME : 10.35 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 Thiruvavarur district, in the year 1994 by Shrimathi Krishnaveni Vivekanandam, 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., PG Diploma and Certificate Programme. 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. The institution has attained Autonomous status in the year 2020. The Government sanctioned NCC (SW) unit for our college through FSFS scheme. The institution is committed to academic excellence, research, innovation, skill development, and community engagement. The IQAC ensures quality through regular assessments and audits, while the R&D Cell promotes research and collaborations. The college has strengthened its digital repository through NAD–DigiLocker. A skill development programme under TNSDC in association with Adyar Anandha Bavan Sweets India Pvt. Ltd., promoting rural development through village surveys, awareness programmes, skill training and community outreach.

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 1396 undergraduates, 772 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 National Conference on “From Nature to Medicine: Advancing Phytochemistry and Bioactive Discovery” (NCFNMAPBD-2026) on 22nd & 23rd September 2026. Nature is an invaluable source of therapeutic and health-promoting molecules. The systematic exploration of plants, microorganisms and natural resources through phytochemistry, molecular biology, biotechnology and advanced analytical techniques has opened new avenues for drug discovery. NCFNMAPBD–2026 brings together academicians, researchers, scientists, healthcare professionals and industry experts to share innovations in natural product research. The conference explores the journey from traditional knowledge and bioactive compound identification to molecular validation and therapeutic development. It focuses on phytochemical characterization, bioactive screening, nanotechnology, computational approaches and translational research. The conference aims to foster knowledge exchange, research collaboration and technology-driven solutions for transforming natural products into scientifically validated medicines.

THEME

NCFNMAPBD–2026- The theme highlights the transition from natural resources to scientifically validated therapeutic and health-promoting products. It emphasizes the integration of traditional knowledge with modern science to discover, characterize and develop novel bioactive molecules.

Major Theme Areas

- Phytochemical Diversity and Natural Product Exploration
- Advanced Analytical Approaches in Phytochemistry
- Bioactive Molecules and Molecular Mechanisms
- Natural Products in Drug Discovery and Development
- Green Synthesis and Nanotechnology
- Herbal Medicine, Nutraceuticals and Functional Foods
- Emerging Technologies in Bioactive Discovery
- Sustainable Utilization of Natural Resources

CONFERENCE AWARDS

The Organizing Committee will confer the following awards to young investigators and students during NCFNMAPBD-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 NCFNMAPBD-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 Dates : 22nd & 23rd September 2026

Abstract Submission Starts : 9th September 2026

Submission of Abstract Ends : 17th September 2026

Submission of Full Papers : 19th September 2026

REGISTRATION FEE

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

Category	Amount	After 17 th Sep 2026
Students / Research Scholars	400 INR	500 INR
Faculty Members	600 INR	700 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 PROCEEDINGS

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

ONLINE PAYMENT

Net Banking (RTGS/NEFT)

A/C Name : STET (W) College
Bank Name : State Bank of India
Branch : Paravakkottai
Account Number : 32539855708
IFSC : SBIN0007544



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REGISTRATION FORM

Name :
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Presenter (Oral/Poster)/:
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can be used.