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For further Details Please Contact:

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Technology, Puducherry.



Dr. A. Venkatesh,
Assistant Professor,
Department of Mathematics,
AVVM Sri Pushpam College (A),
Poondi, Thanjavur (Dt).



NATIONAL CONFERENCE ON
THE SCIENCE TRIAD: MATHEMATICS,
PHYSICS AND CHEMISTRY IN PERFECT
BALANCE - NCST-25

Organized by

DEPARTMENT OF MATHEMATICS,
DEPARTMENT OF PHYSICS &
DEPARTMENT OF CHEMISTRY
in association with
INTERNAL QUALITY ASSURANCE CELL (IQAC)



SENGAMALA THAYAAR EDUCATIONAL TRUST
WOMEN'S COLLEGE (AUTONOMOUS)
(Silver Jubilee Institution)
(Accredited by NAAC) | (An ISO Certified Institution)
(Ranked in NIRF 2024)

Sundarakkottai, Mannargudi - 614 016.
THIRUVARUR Dt, TAMILNADU.
Web site: www.stet.edu.in Phone: 04367 255423

Venue : Conference Hall,
Vivekanandham Block
Date : 11.09.2025 & 12.09.2025
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 Thiruvavur 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 down-trodden 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 Yojana (DDU-GKY) is being conducted to train school dropout students.

ABOUT THE DEPARTMENT

The Departments of Mathematics, Physics and Chemistry are committed to academic excellence and research. The Department of Mathematics established in the year 1994, offers B.Sc., and M.Sc., Mathematics programmes with strength of around 100 students and has produced over 500 graduates working in teaching, it, banking and other sectors.

The Department of Physics and Chemistry started with B.Sc., Programmes in 2004 and M.Sc., in 2007, have together contributed to over 2500 graduates. The main objective of the departments are to promote knowledge through research, both applied and conceptual relevant to science and technology and to disseminate such knowledge through publications. These departments consist of UG & PG separate laboratories with modern sophisticated equipments and intensive coaching is given for the students to achieve academic excellence. The departments organize Guest lectures, Workshops, Hands on training and Extension activities. The department of Physics has completed a UGC funded research project and guided three TNSCST projects, while the Department of Chemistry hosted a national conference funded by INSA and guided two TNSCST projects.

ABOUT THE CONFERENCE:

The main objective of the National Conference on the Science Triad: Mathematics, Physics and Chemistry in Perfect Balance NCST-25 is to explore recent advances and interdisciplinary innovations across these core sciences. It aims to inspire researchers, academicians and students to collaborate and contribute to emerging scientific and technological frontiers. The conference provides a platform for knowledge exchange through discussions among scientists, scholars, teachers, industrialists, young researchers and students.

The various topics to be covered are

- Operations research
- Statistics
- Mathematical Modeling
- Stochastic process
- AI for smart Materials & Emerging technologies
- Nano Materials
- Thinfilms
- Optoelectronic Materials
- Meditational chemistry
- AI in Advanced Materials research
- Surface Chemistry
- Phytochemistry
- Green chemistry
- Crystal growth
- AI in Nanomaterial Characterization
- Crystallography
- Sensors
- Catalysis and Reagents

Abstract should adhere to the following:

Research scholars, Scientists, Teachers and Students can submit the abstracts of the original research work, not exceeding 250 words.

Length: 250 words excluding title/cover page and references.

Margins: 2.5 cm or 1 inch on all sides

Font: Times New Roman, 12 font size,

Regular Spacing : 1.5

Title page: Title, Author(s), Affiliation(s), Contact details.

Guidelines for submission of full papers

Soft and hard copy of the full papers in Microsoft word format and typed in A4 sheet paper should be sent to Stetmathsphychem2025@gmail.com.

Oral and Poster Presentation:

Each oral presentation is strictly limited to 5 minutes. The maximum size should be 3’ x 2’. The poster should consist of introduction, objectives, methods, results and conclusion.

Awards:

Awards for best oral and poster presentations.

Dates To Remember:

Submission of Abstract : 02.09.2025

Intimation of acceptance : 04.09.2025

Submission of Full Paper : 05.09.2025

Intimation of acceptance of Full Paper : 08.09.2025

National Advisory Committee

Dr.K.Thiyagesan, Academic Advisor,
STET Women’s college (Autonomous), Sundarakkottai.
Dr. K. Ravichandran, Principal,
Thanthai Hans Roever College (Autonomous), Perambalur
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Nachiappa Swamigal Arts and Science College, Karaikudi..
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M.R Govt Arts College, Mannargudi.
Dr.M. Pramesh, Associate Professor,
A.V.V.M. Sri Pushpam College (Autonomous), Poondi.

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

Online Registration Link:

<https://forms.gle/p3oGrufiRuh5RSW2A>



Registration fee:

Students : Rs. 500/- Scholars : Rs. 600/- Faculty : Rs. 1000/-

Note:

- Selected Full length articles will be published in International Quarterly Journal Scientific Transactions in Environment and Technovation .
- Abstracts will be published with ISBN number.
- Spot registration will also be accepted.
- Women participants only allowed