



**SENGAMALA THAYAAR EDUCATIONAL TRUST
WOMEN'S COLLEGE (AUTONOMOUS)**
(SILVER JUBILEE INSTITUTION)
(Affiliated to Bharathidasan University, Tiruchirappalli)
(Accredited by NAAC)

SUNDARAKKOTTAI, MANNARGUDI - 614 016.

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**HYPATIA CLUB OF MATHEMATICS,
OPTO CLUB OF PHYSICS &
CURIE CLUB OF CHEMISTRY
IN ASSOCIATION WITH IQAC & IIC**

PROUDLY PRESENTS

**NATIONAL LEVEL SYMPOSIUM
ON**

**SYNERGIA 2K26 - THE POWER OF
MATHEMATICS, PHYSICS AND CHEMISTRY
IN ONE SCIENTIFIC VISION**



**Venue : Conference Hall,
Vivekanandham Block**

Date : 29.09.2026 & 30.09.2026

Time : 10.00 a.m.

EVENTS

- ★ Research Conclave
- ★ AI Challenge
- ★ Science Lens
- ★ Science Detective
- ★ Science Fusion

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

Dr. A. Yogeswari, M.Sc., M.Phil., Ph.D.,
Associate Professor & Head,
Controller of Examinations
Department of Mathematics

ORGANIZING SECRETARIES

Ms. J. Immaculate Sagayarani, M.Sc., M.Phil., B.Ed.,
Assistant Professor & Head,
Department of Physics.

Dr. S. Suganthi, M.Sc., M.Phil., Ph.D., SET.,
Associate Professor,
Department of Mathematics

Dr. S. Sujatha M.Sc., M.Phil., Ph.D.,
Assistant Professor & Head,
Department of Chemistry.

EXECUTIVE COMMITTEE MEMBERS

Mr. N. Duraimanickam, M.Sc., M.Phil., M.Ed., PGDCA.,

Ms. G. Shyamala, M.Sc., M.Phil.,

Ms. S. Srilavanya, M.Sc., M.Phil., B.Ed.,

Ms. L. Gayathri, M.Sc., M.Phil.,

Ms. R. Punitha, M.Sc., M.Phil., B.Ed.,

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Ms. K. Nivetha, M.Sc.,

Dr. R. Rathi, M.Sc., M.Phil., Ph.D.,

Dr. S. Malini, M.Sc., M.Phil., B.Ed., Ph.D.,

Ms. R. Radha, M.Sc., M.Phil., B.Ed.,

Ms. D. Saritha, M.Sc., M.Phil., B.Ed.,

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Dr. T. Vimala, M.Sc., M.Phil., Ph.D.,

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

Ms. K. Sujitha, M.Sc., M.Phil., PGDCA.,

Ms. P. Sasi, M.Sc., M.Phil., B.Ed.,

Ms. M. Vidhyasangari M.Sc., M.Phil., B.Ed.,

Ms. N. Priya M.Sc., M.Phil., B.Ed.,

SYNERGIA INSIGHT- DISTINGUISHED INVITEES



Dr. V. Dhivaharan, M.Sc., D.E.M., Ph.D.,
CORRESPONDENT,
S.T.E.T Group of Institutions,
Sundarakkottai, Mannargudi.



Inaugural Address
Dr. N. Uma Maheswari, M.Sc., Ph.D., B.Ed.,
PRINCIPAL,
S.T.E.T Women's College (Autonomous)
Sundarakkottai, Mannargudi.



Presidential Address
Dr. K. Thiyagasan
Academic Advisor,
S.T.E.T Women's College (Autonomous),
Sundarakkottai, Mannargudi.



Keynote Address
Dr. A. BRITTO MANOJ
Associate Professor,
Department of Mathematics,
Anjalai Ammal Mahalingam Engineering
College, Kovilvenni, Thiruvavur (Dt).



Invited Talk
Dr. M. KARNAN
Associate Professor,
Department of Physics,
Pondicherry University,
Puducherry.



Valedictory Address
Dr. I. MUTHUVEL
Assistant Professor,
Department of Chemistry,
M. R. Govt. Arts College,
Mannargudi.

Event Details

Technical Events :

RESEARCH CONCLAVE

Interdisciplinary Paper Presentation

Problem → Integration → Scientific Thinking →
Innovation → Evidence → Impact → Presentation

- * Participation : Individual participant one presenter
- * Theme : Interdisciplinary Science
- * Presentation : Maximum 8 slides
- * Presentation Time : 7 minutes
- * Duration : 1 Hour 30 minutes
- * Venue : Conference Hall

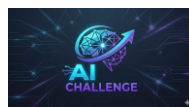


AI CHALLENGE

Common Area → AI → Problem → Innovative Solution
An Interdisciplinary Team-Based AI Challenge
Areas:

Water • Energy • Waste Management • Environment
• Everyday Life • Health & Hygiene

- * Participation : Team Event
- * Duration : 45 minutes
- * Venue : VBIIIFB3
- * All participants must bring their laptops



SCIENCE LENS

One Object → Three Scientific perspectives

Observe • Identify • Explain

Look around you — Science is everywhere!

- * Participation : Team Event
- * Task : Pick an ordinary object from your surroundings.
- * Presentation Time : 3 minutes per team
- * Challenge : Teams should identify as many objects as possible and state the relevant concepts from Mathematics, Physics and Chemistry.
- * Duration : 45 minutes
- * Venue : GN Block - IF3



SCIENCE DETECTIVE

“See the Clue. Crack the Science. Be the Detective!”

Observe → Analyze → Identify

Put your scientific detective skills to the test!

Participants will be shown pictures or short video clips and must identify the scientific element presented.

- * Participation : Team Event
(The event will comprise four rounds)
- * Clues: Pictures and/or short video clips will be displayed.
- * Task: Observe the clue, analyze it and Identify the correct answer.
- * Duration: 45 minutes
- * Venue: GN Block – IF6



SCIENCE FUSION

Real Problem → Three Sciences → One Solution

- * Participation : Team Event
- * Team : 3 students
- * Time : 20 minutes
- * Mode : Problem-solving + Presentation
Each team picks one Challenge Card.
The card contains one real-life/common problem.
The problem is revealed on the spot.
Think & Analyze – 15 minutes
- * Duration : 45 minutes
- * Venue : GN Block – GF5



EVENT SCHEDULE

Event Name	Time
DAY-I	
Research Conclave	11.15 a.m. - 12.45 p.m.
AI Challenge	01.30 p.m. - 02.15 p.m.
Science Lens	02.15 p.m. - 3.00 p.m.
DAY-II	
Science Detective	11.15 a.m. - 12.00 p.m.
Science Fusion	12.00 p.m. - 12.45 p.m.

GENERAL INSTRUCTIONS

- Exclusively for **Women Students** who are pursuing UG/PG programme.
- Registration Fee Rs.200/-per Participant.
- Maximum Number of Students per team : 3
Suggested team structure – 3 Students
(1-Mathematics student, 1- Physics student and 1-Chemistry student) or relevant Science Department like Computer Science, Computer Application, Data Science and Life Science.
- Participants must carry College ID card
- Registration form should reach the convener on or before 26-09-2026.
- All participants should report at the registration desk before 9.00 am
- Jury's Decision will be final for all the events.
- Refreshment & lunch will be provided to all registered participants.

REGISTRATION

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/FuGcsiBds1c2jdBn9>

For further Details Please Contact:

Dr. S. Sujatha M.Sc., M.Phil., Ph.D.,

Assistant Professor & Head,
Department of Chemistry.

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Thiruvavur (Dt), Tamilnadu,

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