

ORGANIZING COMMITTEE

Dr. V. Dhivaharan, M.Sc., D.E.M., Ph.D.,
CORRESPONDENT,
STET Group of Institutions.

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

CONVENOR

Dr. R. Rathi, M.Sc., M.Phil., Ph.D.,
Associate Professor & Head,
Department of Physics

Co-CONVENOR

Mrs. S. Sujatha M.Sc., M.Phil.,
Assistant Professor & Head,
Department of Chemistry.

EXECUTIVE COMMITTEE

Ms. J. Immaculate Sagayarani, M.Sc., M. Phil., B.Ed.,
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.,
Dr. A. Prabavathi, M.Sc., M. Phil., Ph.D.
Ms. T. Vimala, M.Sc., M. Phil.,
Ms. D. Karthika, M.Sc., M. Phil., B.Ed.,
Ms. K. Sujitha, M.Sc., M. Phil., PGDCA.,
Ms. P. Sasi, M.Sc., M. Phil., B.Ed.,
Ms. M. Vidhya Sankari M.Sc., M. Phil.,
Ms. N. Priya M.Sc., M. Phil.,

For further Details Please Contact:

Dr. R. Rathi, M.Sc., M.Phil., Ph.D.,
Associate Professor & Head,
Department of Physics
Sengamala Thayaar Educational Trust Women's College
(Autonomous),
Sundarakkottai, Mannargudi-614 016
Thiruvavur (Dt), Tamilnadu.
Mobile No:9487662181, 8825428455

Dr. Mazabalo Baneto
Associate Professor,
Department of Physics,
University of Lome, Togo.



Dr. R. Ramesh Babu,
Director – Research i/c,
Associate Professor and Head,
Department of Physics,
Bharathidasan University, Tiruchirappalli.



Dr. K. Ravichandran,
Associate Professor & Head,
Department of Physics,
AVVM Sri Pushpam College (A),
Poondi, Tamilnadu.



Dr. A. T. Ravichandran,
President and Founder of RRF,
Associate Professor,
Department of Physics,
National College, Tiruchirappalli.



Dr. V. Ganesh,
Principal Scientist,
CSIR-CECRI,
Karaikudi.



Dr. P. Ravikumar,
Assistant Professor,
Department of Physics,
Tagore Government Arts and Science
College, Pondicherry.



Dr. S. Snega,
Assistant Professor,
Department of Physics,
Kunthavai Nachiyar Govt Women's
Arts College,
Thanjavur.



INTERNATIONAL CONFERENCE ON FUNCTIONAL NANOMATERIALS FOR ENERGY, ENVIRONMENTAL AND BIOMEDICAL APPLICATIONS (ICFN-24)

Organized by

DEPARTMENT OF PHYSICS &
DEPARTMENT OF CHEMISTRY
in association with
INTERNAL QUALITY ASSURANCE CELL &
RAMAN RESEARCH FOUNDATION,
Tiruchirappalli



**SENGAMALA THAYAAR EDUCATIONAL TRUST
WOMEN'S COLLEGE (AUTONOMOUS)**
(Silver Jubilee Institution)
(Accredited by NAAC) | (An ISO Certified Institution) |
(Ranked 3rd Band in NIRF 2024)
Sundarakkottai, Mannargudi - 614 016.
THIRUVAVUR Dt, TAMILNADU.
Web site: www.stet.edu.in Phone: 04367 255423

Venue : Conference Hall,
Vivekanandham Block
Date : 12.09.2024 & 13.09.2024
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 the Nation. Hence, higher education to women is often 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 area. Nevertheless, higher education to women in the rural areas needs encouragement, as the main source of income of their parents is agriculture and the per capita income is relatively very low. In this context, “Sengamala Thayaar Educational Trust (STET) Women’s College” was established at Sundarakkottai, in Thiruvavarur District, in the year 1994 by Shrimathi Krishnaveni Vivekanandham, who entrusted the task of nurturing the institution to her illustrious son Dr.V.Dhivaharan. as the correspondent of this esteemed institution with his inspiring and perseverant administration leading this institution towards excellence in empowering women in academic and research. The institution offers 16 UG, 13 PG, 4 Ph.D and PG Diploma Programmes. 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 the NAAC. The institution has attained Autonomous in the year 2020. Our Institution has ranked 3rd band in NIRF 2024. The Internal Quality Assurance Cell (IQAC) of the college is extremely active and evolves strategies and actions to achieve the goal of the institution. The Government sanctioned NCC (SW) unit for our college through FSFS scheme and 8TN(Bn) Kumbakonam army wing approved three platoons and 160 cadets.

ABOUT THE DEPARTMENTS:

The Departments of Physics and Chemistry were established UG Programme in 2004 and PG Programme were introduced in the year 2007. The department has successfully graduated more than 1300 (UG) and 700 (PG) students, since its inception. 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. Intensive coaching is given for the students to achieve academic excellence. These departments consist of UG & PG separate laboratories with modern sophisticated equipments. The departments have been producing intellectually and scientifically advanced younger generation to shine in various fields. The departments organize Guest lectures, Workshops, Hands on training and Extension activities frequently. The Department of Physics has completed one minor research project funded by UGC and also guided three TNSCST student projects. The Department of Chemistry organized a national conference funded by INSA and also guided two TNSCST student projects. These two Departments jointly organized a national conference cum workshop funded by CSIR- HRDG.

ABOUT THE CONFERENCE:

The main objective of the conference is to disseminate the latest knowledge in Functional Nanomaterials and motivate the young scientists/students to prepare themselves to face the challenges in the fast emerging fields. This conference will provide an opportunity to discuss the developments through an interface among scientists, scholars, teachers, industrialists and students.

The various topics to be covered are

- Bio Materials
- Nano Materials
- Semiconducting and Magnetic Materials
- NLO Materials
- Functional Materials
- Thinfilms
- Spectroscopy Techniques
- Optoelectronic materials
- Meditational chemistry
- Photocatalysts
- Surface Chemistry
- Phytochemistry
- Green chemistry
- Crystal growth
- Energy storage devices
- Crystallography
- Sensors
- Solar cell materials
- Catalysis and Reagent

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 stetphycheicfn24@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 : 02.09.2024

Intimation of acceptance : 04.09.2024

Submission of Full Paper : 05.09.2024

Intimation of acceptance of Full Paper : 08.09.2024

International & National Advisory Committee

Dr. K.Thiyagesan, Academic Advisor, STET Women's College (A), Sundarakkottai.

Dr. R.Chandramohan, Principal, Nachiappa Swamikal Arts and Science College, Karaikudi.

Dr. N.M.I.Alhaji, Principal, Khadir Mohideen College, Adiranpattinam.

Dr. R.V.Mangalaraja, Professor, University of Concepcion, Chile.

Dr. Güven Turgut, Professor, Erzurum Technical University, Turkey.

Dr. Logu Thirumalaisamy, Post Doctoral Researcher, RCAST University of Tokyo, Japan.

Dr. T.Arun, Research fellow, University of Chile, Chile.

Dr. N.Vijayan, Senior Principal Scientist & Head CSIR - National Physical Laboratory, New Delhi.

Dr. B.M.Nagabhushana, Professor & Head M. S. Ramajah Institute of Technology, Bangalore.

Dr. I.Hubert Joe, Head, Department of Nano Science & Nano Technology, University of Kerala, Kerala.

Dr. G.Sahayabaskaran, Head & Associate Professor, Andhra Loyala College, Vijayawada.

Dr. K.B.Renugadevi, Professor, Rajiv Gandhi College of Engineering and Technology, Pudukhuchi.

Dr. B.Subramaiyan, Senior Principal Scientist and Professor, CECRI, Karaikudi.

Dr. B.Sundaresan, Associate Professor & Head, Ayya Nadar Janaki Ammal College, Sivakasi.

Dr. T.C.Sabari Girisun, Assistant Professor, Bharathidasan University, Trichirappalli.

Dr. V.Bala Chandran, Associate Professor, A.A Govt Arts College, Musiri.

Dr. K.Dhanabalan, Assistant professor, J.J College of Arts and Science, Pudukkottai.

Dr. S.Dheivamalar, Associate Professor, Periyar EVR College(A), Trichy.

Dr. P.Gayathri, Head & Associate Professor, Periyar Maniammal University, Thanjal.

Dr. M.Karunakaran, Associate Professor, Alagappa Govt Arts college, Karaikudi.

Dr. G.Mahalakshmi, Associate Professor, Government Arts College, Karur.

Dr. N.A.Mohammed Farook, Head & Associate Professor, Khadir Mohideen College, Adiranpattinam

Dr. R.Mohan, Assistant Professor, Sri sevugan Annamalai College, Devakkottai.

Dr. S.Murugan, Assistant Professor, A.V. C College (A), Manapandalai, Mayiladuthurai.

Dr. V.Nandhakumar, Associate Professor, AVVM Sri Pushpam College, Pooni.

Dr. T.Rajachandrasekar, Head & Associate Professor, M.R Govt Arts College, Mannargudi.

Mr. V.Senthil Murugan, Head & Assistant professor, E.G.S Pillai Arts and science College, Nagapattinam

Dr. S.Siva selvan, Head & Assistant Professor, M.R Govt. Arts College, Mannargudi.

Mrs. R.Swarna Lakshmi, Head-Incharge, Government college of Engineering, Sengipatti.

Dr. K.Vanasundari, Associate Professor, A.A Govt Arts College, Musiri.

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/uacJJNuTgLCkRdaJ6>



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