



INTERNATIONAL CONFERENCE ON SUSTAINABILITY IN MULTIDISCIPLINARY SCIENCE RESEARCH

ICSMSR' 25 (online mode)

organized by

**PG & RESEARCH DEPARTMENT OF PHYSICS
SEETHALAKSHMI RAMASWAMI COLLEGE
TIRUCHIRAPPALLI**

in collaboration with

**DEPARTMENT OF MARINE SCIENCE
BHARATHIDASAN UNIVERSITY, TIRUCHIRAPPALLI**

**7 AFFORDABLE AND
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**13 CLIMATE
ACTION**



**14 LIFE
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**15 LIFE
ON LAND**



JANUARY 22 & 23, 2025

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ABOUT THE COLLEGE

Seethalakshmi Ramaswami College (SRC) is an arts and science college for women situated in Tiruchirappalli, Tamil Nadu. It was established in the year 1951 by *Padmabhushan* Sri N. Ramaswami Ayyar. It is an autonomous college affiliated to Bharathidasan University, Tiruchirappalli. It has been awarded A+ grade in its 4th cycle of accreditation by NAAC. SRC was the first women's college in Tamil Nadu to offer M.Sc. in Chemistry and Physics. It was among the 10 colleges in India selected for Pathway to Higher education sponsored by the prestigious Ford foundation, USA. The college offers 24 undergraduate, 17 postgraduate and 8 research programmes. It continuously strives to improve its teaching standards by incorporating latest technology and strategies to provide the best possible learning environment for students. Skilling programmes such as Community College and B. Voc. under the auspices of NSQF have empowered the lives of countless students through employment and entrepreneurship. The College has built up a decades-strong research base facilitated by grants from leading funding agencies such as UGC, DST, DBT, ICSSR, TAF CORN and TNSCST. The faculty regularly organize/participate and publish in various national and international conferences, seminars and peer-reviewed journals and hold several patents. *SRC-Quest*, a unique peer-reviewed journal published annually by the College, has helped push the standard of research higher. Over the years, the College has earned innumerable awards and accolades and held in high esteem by its peers and the society. SRC aims to create passionate and responsible citizens, as exemplified by Ms. Nirmala Sitharaman, Hon. Finance Minister and Economics alumna, that contribute to society and in the process help India become a happy and prosperous country.

ABOUT THE DEPARTMENT

Founded in 1966, the Department of Physics is one of the college's most renowned research departments. In addition to its reputation for excellence in teaching and research, the department features a team of highly qualified, dedicated, and experienced faculty members. Having celebrated its golden jubilee in 2016, the department continues to provide quality education to women in the community. Since 1979, the department was elevated to the status of a research center with 11 research supervisors, and 24 Ph.D. degrees have been awarded so far.

The department was granted DST-FIST at the departmental level between 2006 and 2011 and at the college level between 2014 and 2019. The B.Voc. programme on "Electronics Circuit Designer and Electrician" was sanctioned by the UGC in the year 2018 under National Skill Qualification Framework.

ABOUT THE CONFERENCE

The International Conference on Sustainability in Multidisciplinary Science Research aims to unite in the fields of Physics, Chemistry, Marine Science, Mathematics, Life Sciences and Computer Science to address issues related to energy sustainability and environmental protection. The conference provides an opportunity to deliberate the recent advancements and case studies honed by fundamental sciences towards sustainable development. Additionally, the conference aims at identifying future research opportunities to promote long-term sustainable development. Achieving affordable and clean energy (SDG 7) is essential for combating climate change (SDG 13), while preserving marine ecosystems (SDG 14) and safeguarding biodiversity on land (SDG 15), creating a sustainable future for both people and the planet

CONFERENCE THEMES

- Material Science
- Nanotechnology and Bionanotechnology
- Biophysics
- Semiconductors
- Polymer Chemistry
- Medical Chemistry
- Drug Discovery
- Synthetic Organic Chemistry
- Textile Biotechnology
- Food Biotechnology
- Supercapacitors
- Advanced Materials for Solar Cells and Energy Storage
- Renewable Energy Materials
- Tackling Wastes through Organisms
- Composites
- Bioinformatics and Computational Biology
- Impact of Climate Change on Biodiversity
- Bioremediation and Ecosystem Restoration
- Aquatic Ecosystem Conservation
- Water Purification and Desalination
- Water Resource Allocation Optimization

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CALL FOR PAPERS

Organizers of the International Conference on Sustainability in Multidisciplinary Science Research invite researchers, academicians, scientists, and industry professionals to submit full papers for online presentations.

Submission Guidelines

A typical structure includes an abstract (250 words maximum). General guidelines for submitting a full-length article to an international conference on sustainability in multidisciplinary science research are as follows:

Introduction, literature review, methodology, results, discussion, conclusion and references. APA referencing is often required with specific guidelines for in-text citations and references. The length and format of full-length articles should be between 7,000 and 8,000 words, including tables, figures, and references. Submissions should be formatted in A4 size with specified margins (usually one inch on all sides). It is recommended that the text be double-spaced, using Times New Roman font at size 12 for the body text, and size 14 for headings if necessary.

Originality and Plagiarism Check

Papers must be original, not submitted elsewhere, and plagiarism-free with a similarity index below 10%.

Submission Process

Submissions made via email to icsmsr2025@gmail.com with documents submitted in Word format. The manuscript files are subjected to a double-blind peer review process, so all identifying information should be removed.

Review and Publication

All accepted papers will be published in a e-book entitled "International Conference on Sustainability in Multidisciplinary Science Research" with ISBN. In addition, selected papers may also qualify for publication in Web of Science / Scopus / UGC CARE listed journals after substantial revisions to avoid plagiarism and to maintain the academic standards of the publishers.

Certificate

e-certificate will be provided to all the registered participants.

REGISTRATION FEE

International participants	20\$
SAARC Countries	10\$
Faculty	Rs. 500/-
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Faculty	Rs. 350/-
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IMPORTANT DATES

Submission of Full Length Paper: January 10, 2025

Acceptance after Peer Review: 7 working days

Conference Dates: January 22 & 23, 2025

For Further Details, Contact:

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