

4th INTERNATIONAL CONFERENCE ON MULTIFUNCTIONAL MATERIALS AND RADIATION MEASUREMENTS



ICMMRM-2025
21-22 MARCH 2025



Organized by
Department of Physics,
Sri Sivasubramaniya Nadar College of Engineering (SSNCE) (Autonomous), Chennai

In Association with
Sri Venkateswara College of Engineering (SVCE) (Autonomous), Sriperumbudur

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ABOUT THE CONFERENCE

International conference on 'Multifunctional Materials and Radiation Measurements' is aimed at bringing together the scientists and experts to provide a common platform for sharing their scientific results, thoughts and ideas. The event would comprise of invited lectures, best product display, contributed oral and poster presentations covering the latest works of the Materials Science community from India/Abroad. The main projection of the conference is to provide a forum for the participants to explore the latest developments in the field of 'Multifunctional materials' and to evolve guidelines for their further research in India/Overseas.

ABOUT SSNCE

SSNCE, an autonomous institution affiliated with Anna University and founded by Dr. Shiv Nadar, the Chairman of HCL Technologies, is a philanthropic venture aimed at giving back to the society that nurtured him. SSNCE has been recognized as a highly ranked and reputed educational institution in Tamil Nadu, India, and stands out as a premier center of higher learning with a mission of pursuing excellence in education and research.

The institution, with its diverse and dynamic community of students, offers a distinctive combination of some of the finest graduate, undergraduate, and research programs, accomplished faculty, world-class facilities, and a residential campus set on a sprawling 250 acres. SSNCE is accredited by NAAC with an A+ grade. Within a span of 25 years, SSN has grown into one of the top educational institutions in the country and attained autonomous status in the year 2018.

Some of the salient features of SSN are: it was ranked 45th in the Engineering Category and 80th among all educational institutions in the India Rankings 2023 by NIRF, MHRD; boasts state-of-the-art infrastructure with over 1.8 million square feet of buildings; and offers spacious hostels, sports facilities, and faculty quarters within the campus.

About the Physics department, SSNCE: The Department of Physics was established in 1996. The Department has established Center for Crystal Growth in 2005, Optical Network lab in 2006, Luminescence Research lab in 2013, Functional Materials lab in 2015 and Center for Radiation, Environmental Science and Technology in 2015 for conducting active research. The faculty members of the department have executed several projects from DST, SERB, DAE-BRNS, CSIR, MNRE, NRB and UGC-DAE-CSR. More than 70 full time research scholars are pursuing their doctorate degree with Anna university registration.

ABOUT SVCE

Sri Venkateswara College of Engineering (SVCE), a unit of the Sri Venkateswara Educational and Health Trust, is one of Tamil Nadu's premier technical institutions. The college spans a sprawling 95-acre lush green campus and has architecturally buildings and state-of-the-art infrastructure. The institution is accredited by the National Assessment and Accreditation Council (NAAC) with an A+ grade. All eligible programs are also accredited by the National Board of Accreditation (NBA), reflecting SVCE's dedication to quality education and global standards.

SVCE envisions becoming a "Centre of Excellence" by providing top-notch engineering education and fostering innovation, research, and holistic development. The institution is committed to nurturing ethical values, leadership qualities, and lifelong learning while addressing societal and industrial challenges. By integrating state-of-the-art teaching methodologies, industry collaboration, and real-world problem-solving approaches, SVCE aims to produce responsible and skilled engineers who contribute effectively to societal and national progress.

SVCE is home to 11 research centers that foster innovation, interdisciplinary collaboration, and advanced problem-solving. These centers focus on cutting-edge areas such as Artificial Intelligence, Robotics, Renewable Energy, Biotechnology, Cybersecurity, and more. The institution encourages students and faculty to engage in impactful research and development activities, aligning with global trends and societal needs.

About the Applied Physics Department, SVCE: The Department of Applied Physics at Sri Venkateswara College of Engineering (SVCE) provides a strong foundation in physics, emphasizing its applications in engineering and technology. The department specializes in spectroscopy, materials science, fostering innovation and interdisciplinary research. With well-equipped laboratories and cutting-edge facilities, it supports both academic excellence and advanced research projects. The department plays a crucial role in bridging theoretical physics with practical engineering solutions. Its focus is on nurturing scientific curiosity and contributing to technological progress through impactful research and education.

CONFERENCE TOPICS

- Energy storage devices
- Nanotechnology and Sensors
- Polymer Nanocomposites
- Materials based on Phosphors
- Radiation sensing applications
- Piezoelectric materials
- Ferroelectric materials
- Topological Insulators
- Single Crystals
- Crystalline materials
- Radiation detectors
- Luminescent materials
- Scintillation applications
- Semiconducting materials
- Materials for biological applications
- Materials in Drug Delivery
- Radiation dosimetry and Biodosimetry
- Health effects, risk assessment of radiation
- Radiation Safety and Protection
- Radiation Dosimetry (External and Internal)
- Environmental radioactivity and Modelling
- Marine radioactivity, Radionuclide Tracers
- Radioecology - Radon and thoron
- Terrestrial radiation and radionuclides in groundwater
- New technology and innovations

CALL FOR ABSTRACTS

Abstracts are invited for oral and poster presentations. The title of the paper should be in Times New Roman with the font size of 14 and the rest of the text in font size of 12 with 1.5 line spacing. The authors are requested to send their abstracts to the conference mail id icmmrm2025@gmail.com

Abstract publication: Accepted abstracts will be published in conference proceedings with ISBN number

Journal Publications: Selected papers will be published in Scopus/Web of Science-indexed Journals.

Mode of Conference: Hybrid mode
National speakers/participants: Physical Mode
International speakers/participants: Online mode (Google meet)

AWARDS

Three awards will be given in the following categories
Best Oral Presentation
Best Poster Presentation

REGISTRATION

National:

Student/Research scholars

- Participation only: Rs. 500/-
- Presentation: Rs. 750/-

Faculty members: Rs. 1000/-

Industry participants: Rs. 1500/-

International:

Student/Research scholars: \$ 20

Faculty members : \$ 40

Last date for the submission of abstract – 10th March 2025

Intimation of acceptance – 13th March 2025

Last date for registration – 20th March 2025

For registration click below link:

<https://forms.gle/VYGzRgdqQf9HdYwT6>

The registration fee can be paid through below link.

<https://rzp.io/rzp/c2kRxyM>

Venue

21.03.2025 - SSNCE

22.03.2025 - SVCE