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3rd INTERNATIONAL CONFERENCE ON ADVANCED FUNCTIONAL MATERIALS

(SERB Sponsored)

17–19th October, 2024

Organized by

Department of Physics

**Sri Sivasubramaniya Nadar College of
Engineering**



**In Association with Indian JSPS Alumni
Association**



ABOUT THE COLLEGE: Sri Sivasubramaniya Nadar College of Engineering (SSN), an autonomous institution affiliated to Anna University, founded by Dr. Shiv Nadar, Chairman Emeritus & Strategic Advisor to the Board – HCL Tech, an philanthropic venture to give back to the society that nurtured him. SSN is a highly ranked and very 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 their 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 partially residential campus set on a sprawling 250 acres.

SSN is accredited by NAAC with an A++ grade. Within a span of 22 years, SSN has grown into one of the top educational institutions in the country and became an autonomous institute in the year 2018. Some of the salient features of SSN are Ranked 45th in the Engineering Category and 80th among all educational institutions in India Rankings 2023 by NIRF, MHRD; The state-of-the-art infrastructure with over 1.8 million square feet of buildings, Spacious hostels, Sports facilities and faculty quarters within the campus.

ABOUT THE DEPARTMENT: 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 are executing many projects from DST, SERB, DAE-BRNS, DRDO, CSIR, MNRE, NRB, and UGC-DAE-CSR. More than 75 full-time research scholars are pursuing their doctorate degree with Anna University registration.

ABOUT THE CONFERENCE: International conference on ‘Advanced Functional Materials’ 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, contributed oral and poster presentations covering the latest works of the Materials Science community from all over the world. The main projection of the conference is to provide a forum for the participants to explore the latest developments in the field of ‘Advanced functional materials’ and to evolve guidelines for their further research in India/Overseas.

CONFERENCE TOPICS

- ❖ Ferroelectric, Piezoelectric and Pyroelectric materials
- ❖ Energy materials
- ❖ Magnetic, multiferroic, semiconducting materials
- ❖ High T_c superconductors, topological insulators
- ❖ Luminescent and chromogenic materials
- ❖ Transparent conducting and semiconducting ceramics
- ❖ Electromagnetic metamaterials
- ❖ Single Crystals, Thin films & Nano materials
- ❖ Composites & Nano Composites
- ❖ Polymers and Biopolymers
- ❖ Electro-ceramics and glasses
- ❖ Soft Materials, Biomaterials and Healthcare Materials
- ❖ Materials for biological applications
- ❖ Radiation Measurements
- ❖ Radiation Detectors

CALL FOR ABSTRACTS

Abstracts are invited for oral and poster presentations. The title of a paper should be in Times New Roman with a font size of 14 and the rest of the text in a font size of 12 with 1.5 line spacing. The authors are requested to send their abstracts to the conference email id icafm2024@ssn.edu.in

PUBLICATIONS

The ICAFM-2024 Proceedings will be published as a special thematic issue of the “Physical B: Condensed Matter” journal.

AWARDS

Two awards will be given in the following categories

Best Oral Presentation and Best Poster Presentation

FINANCIAL ASSISTANCE

Sleeper class train fare, by the shortest route, may be provided on request to a few deserving research students and post-docs presenting their papers. Participants attending the conference on all the 3 days will be considered for financial assistance.

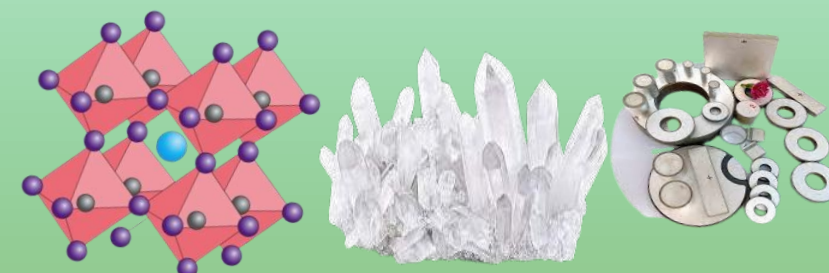
IMPORTANT DATES

Last Date for the Submission of Abstracts **Oct. 5th, 2024**
 Acceptance Notification - **Oct. 10th, 2024**
 Registration Closing Date **Oct. 15th, 2024**

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Mode of Conference **Physical Mode**

For further details visit <https://icafm.vercel.app>

REGISTRATION:

National :

Student/Research scholars/Postdoc	Rs. 2,000 /-
Academic/Research Faculty	Rs. 2,500 /-
Industry Delegates	Rs. 4,000 /-

International :

Student/Research scholars/Postdoc.	\$ 50
Faculty members	\$ 100

The registration fee can be paid through online transfer.

Payment link: <https://rzp.io//ICAFM-2024>

Registration link: <https://forms.gle/9fhNqXtdYM4fb7dF8>

CONTACT DETAILS

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