

RKM Vivekananda College (Autonomous)

Affiliated to Madras University

Chennai



Organised by
PG & Research Department of Physics

In Collaboration with
Indian SpectroPhysics Association (ISPA)

International Conference on Recent Advancements in Materials Science and Spectroscopy (ICRAMS - 2025)

27-28 February, 2025

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About the Conference

International Conference on Recent Advancements in Materials Science and Spectroscopy (ICRAMS - 2025) organized by PG & Research Department of Physics aims to bridge the gap between research and application in materials science and spectroscopy. This conference brings together renowned academicians, researchers, and industry professionals to share knowledge and foster collaborations. The conference will explore topics ranging from nanomaterials to advanced spectroscopy techniques, also provides a platform to showcase emerging technologies, innovations, and research findings. The conference will have an excellent opportunity to network with peers and gain insights into the future trends shaping the field of materials science.

Call for Abstracts

The Organizing committee invites original research papers for oral and poster presentation. Authors are requested to send the abstract not exceeding 300 words in the prescribed font (Times New Roman, Font - 12 points and 1.5 lines spacing) to the mail icrams2025@rkmcvc.ac.in on or before 10- 02- 2025 Papers will be accepted for presentation based on the recommendation of the panel of referees and the full length of the selected papers will be published in the proceedings with ISBN number.

Last Date for Abstract submission : 29.01.2025

Last Date for full Length Paper Submission : 10.02.2025

Acceptance Intimation : 05.02.2025

Invited Speakers



•Prof. Irena Kostova, Ph.D., D.Sc.
•Professor, Faculty of Pharmacy
Medical University, Sofia Bulgaria



Prof. M.N. Ponnusamy, Ph.D., D.Sc.
Emeritus Professor, Centre for Advanced
Study in Crystallography and Biophysics
University of Madras, Chennai



Dr. S. Srinivasan, Ph.D.
Associate Professor, Department of
Physics, Presidency College, Chennai



Dr. S. Kumaresan, Ph.D.
Associate Professor, Department of
Physics, Arignar Anna Govt. Arts
College, Cheyyar



Dr. Janani P, Ph.D.
Instructional Designer Head (Academics)
Echtian Contents Private Limited, Mumbai



•Prof. Jiban Podder, Ph.D., F.B.A.S.
Professor, Department of Physics
Bangladesh University of Engineering and
Technology, Dhaka, Bangladesh



Prof. S. Gunasekaran Ph.D., D.Sc.
Dean (R&D), St. Peter's Institute of
Higher Education and Research,
Chennai



Prof. M. Selvapandiyam, Ph.D.
Periyar University Centre for PG &
Research Studies, Dharmapuri



•Dr. Muthu Senthil Pandian, Ph.D.,
Research Scientist (Grade II), Photovoltaic
Devices Laboratory, SSN Research Centre
•SSN Institutions, Kalavakkam

Convenor:

Dr. S. Jayakumar, Ph.D.

About the College

The Ramakrishna Mission Vivekananda College occupies a place of pre-eminence among the educational activities of the Mission in India. It was formally opened on 21st June 1946. It is affiliated to the prestigious University of Madras. It is accredited with NAAC and is one of the best colleges for men in Chennai, Tamil Nadu, India. The National Conference is dedicated to retired and retiring teachers of our Physics Department. Their sincere service and constructive efforts to build up the Department of Physics and the College will always be remembered with love and gratitude.

About the Department

The Department of Physics with its excellent infrastructural and laboratory facilities and well qualified staff, is offering UG, PG and Ph.D. courses. Taking advantage of the autonomy granted to the college and in cognizance of the emerging trends in Physics research and education, the department has been introducing new courses catering to the academic and employment aspirations of its students. With financial assistance, the department has added FT-IR Spectrometer, Electrochemical work station Nano particle production to foster in-house research. It has entered into partnership (MOUs) with premier institutes of facilitate information interchange among the students, scholars and staff. The Physics Department Associates to the variegated interest of the students, strengthening their knowledge base and building in them leadership qualities..

About ISPA

Indian SpectroPhysics Association (ISPA) is a brain child of Veteran Professor and Scientist, Dr. S. Gunasekaran. ISPA was started on April 23, 1998, it is a registered society under whose auspices, conferences, workshops and seminars are organized. ISPA is the peak of a strong belief that enlightening young minds and empowering them to pursue research through Spectroscopy. ISPA has an enviable record of having organized 16 International conferences and 18 National Conferences. ISPA also has organized 20 State Level Technical Seminars in Physical Sciences for PG and M.Phil. students, since 1999. Indian SpectroPhysics Association (ISPA) finds its place in encouraging renowned and young scientists by honouring them with ISPA Awards in the recognition of the research findings of the scientists. 15 Veteran scientist Awards, 54 Life Time Achievement Awards, 84 ISPA Dr. S. Gunasekaran Awards, Dr. S. Mohan Awards, are given to researchers who have made excellent contributions in the field of Research, during Conferences/ Seminars organized by ISPA. An international consortium has been made with the Medical University of Sofia for a tune of 1000 crore for a research project., Visit www.ispa.org.in for more details. Annual and Life Team Membership forms can be availed from the website.

Focussed Areas

- Spectroscopy
- Bio Physics
- Drug Design
- Instrumentation
- Characterization Methods
- MEMS Design
- Optoelectronic Devices
- Superconducting Materials
- Transport Properties
- Theoretical Physics
- Crystal Growth
- Medical Physics
- DFT Analysis
- Luminescent Materials
- Molecular dynamics
- Nanotechnology
- Surface Engineering
- Semiconductor Materials
- Thin Film Technology
- Photocatalysts
- Crystallography
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- Polymer Composites
- Magnetic Materials
- Modelling & Simulation
- Nonlinear Optics
- Sensor & Smart Materials
- Solar Technology
- Materials Science
- Nano Optics

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Associate Professor & Head, Physics

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Registration

Students & Research Scholars – Rs. 750
Faculty Members – Rs. 1000
Industry Persons – Rs. 1500



Address for Communication

Dr. S. Jayakumar
Associate Professor & Head, Dept. of Physics
Convenor

RKM Vivekananda College (Autonomous), Chennai
Mobile No. - +91-9176115336
Mail: icrams2025@rkmvc.ac.in