DAY-1



Dr. F. BELLARMINE Research Scientist, InCent-LGD Indian Institute of Technology, Madras

TITLE

Metal oxide nanostructures and it's optoeclectronic applications



Dr. MALLESH BAITHI

Post-Doctoral Fellow, Sungkyunkwan University, South Korea

TITLE

Van Der Waals Materials



Dr. T. ELANGOVAN

Assistant Professor, Periyar University, Salem

TITLE

DFT, quantum chemical, and molecular simulation approaches in predicting energy material properties and reactions.

DAY-2



Assistant Professor, Bharathidasan University, Thiruchirapalli

TITLE

Smart Materials for Next-Generation Solar Cells



Dr. B.J. JACKIN

Professor, Department of Information Science Kochi University, Japan

TITLE

Information Processing using Light Current and Future Trends



Dr. R. JUSTIN JOSEYPHUS

Professor National Institute of Technology, Thiruchirapalli

TITLE

Emerging Trends in Magnetic Materials

Scientific Advisory Committee

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Dr. P. Anbarasan, Periyar University, Salem

Dr. B.S. Sreeja, Anna University, Chennai

Dr. V. Krishna Kumar, Founder, IMAI LLC, California, USA

Address for Communication

Dr. P.J. Jegan Babu (Convener)

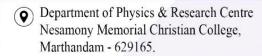
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NESAMONY MEMORIAL CHRISTIAN COLLEGE MARTHANDAM

(63rd position in India Rankings-2025 for colleges by NIRF)





International Conference on Innovative
Pathways in Energy, Smart Materials
and Quantum Computation for a
Sustainable World

(IPESMQ-2k26)

Organized by

Department of Physics & Research Centre

FEB 12 & 13 2K26

→ A Glimpse of Our College ←

Nesamony Memorial Christian College, established in 1964 at Marthandam in Kanyakumari District, is a premier institution affiliated with Manonmaniam Sundaranar University, Tirunelveli. Guided by a strong missionary vision, the college is dedicated for providing quality education and promoting the empowerment of economically and socially marginalised communities in southern India.

The institution offers a wide range of academic programmes, including 18 undergraduate, 15 postgraduate, and 12 doctoral courses. With a distinguished National Institutional Ranking Framework (NIRF) ranking of 63rd the highest in Kanyakumari District the college continues to uphold a tradition of academic excellence. It has been re-accredited by NAAC in 2025, reflecting its enduring commitment to educational quality and social responsibility.

---- Department at a Glance •---

The Department of Physics was established in 1966 and has since evolved into a recognised centre for academic and research excellence offering undergraduate, postgraduate, and doctoral programmes. The Department of Physics and Research Centre is supported by a team of highly qualified and experienced faculty members who actively contribute to the advancement of knowledge through impactful research and publications.

The department is equipped with a well estabilished library, computer laboratory, synthesis laboratory, and two advanced physics laboratories that provide students with enriching hands-on learning experiences. With a mission to deliver quality education and foster innovation, the department strives to equip students with the knowledge, skills, and competencies required to meet the challenges of emerging technologies and future scientific advancements.

The International Conference on Innovative Pathways in Energy, Smart Materials and Quantum Computation for a Sustainable World (IPESMQ–2K26) is a global platform uniting researchers, academicians, industry experts, and innovators to explore recent advances in energy systems, smart materials, nanotechnology, and sustainable technologies. The event features plenary sessions, keynote lectures, invited talks, technical papers, and poster presentations, fostering meaningful knowledge exchange across disciplines. IPESMQ–2K26 aims to promote interdisciplinary collaboration, inspire innovative ideas, and encourage research partnerships that contribute to a cleaner, smarter, and more sustainable future.

Focus Streams

Spectroscopy Quantum Computation

Crystallography Thin Films

Crystal Growth Energy Materials

Nanomaterials Modelling and Simulations

Solar Energy Composite Materials

Biomaterials Material Science Nuclear Physics Astro Physics

Polymer Composite Environmental Physics

Magnetic Materials Solar Cell

- Important Dates •

Last date for full length paper submission
Intimation of acceptance
Last date for registration
Jan 26
Feb 09

----- Registration Fees

Students/PG ₹ 600/Research Scholars ₹ 800/Faculty/Staff ₹ 1200/Foreign Participants \$ 150



Please use the following link to register, make a payment and submit the full length paper

https://nmcc.ac.in/Register.aspx

The full length paper for oral and poster presentations should be typed in the standard format of Times New Roman with font size 12, 1.5 line space and not exceeding five pages. The best paper awards will be given for the selected oral/poster presentations. The selected papers will be recommended for publication in proceedings with ISBN.

The full - length paper will be forwarded to the email address provided below.



nmccipesmq@gmail.com

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Dr. A.J.S. Pravin Dr. G.D. Biji

Organizing Secretary
Dr. D. Arul Dhas (HOD)

Convener

Dr. P.J. Jegan Babu

Co - Conveners
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Dr. J. Anitha Hudson
Dr. D.J. Gino

- Conference Location -

The conference is scheduled to take place in **Seminar Hall-II** of Nesamony Memorial Christian College, Marthandam, located in Kanniyakumari District,



Tamil Nadu, India. The institution lies adjacent to National Highway 47 (NH 47), which connects Nagercoil with Thiruvananthapuram. The nearest railway station is Kulitturai, accessible through major train routes. Thiruvananthapuram International Airport is situated approximately 43 kilometers from the venue.

Accommodation •

Participants who require accommodation will be provided rooms in nearby hotels according to their preferred category, on a payment basis. Kindly contact the conveners well in advance for the best arrangements