

Keynote/ Invited Speakers



Dr. I. Hubert Joe,
Head of the Department,
Nanoscience & Nanotechnology,
University of Kerala,
Thiruvananthapuram.



Mr. Mohan,
Scientist F,
Nuclear Power Corporation of
India Limited (NPCIL),
Koodankulam.



Dr. Ravichandran,
Associate Professor & Head,
Department of Nuclear Physics,
University of Madras,
Chennai.



Dr. P. Rajesh,
Assistant Professor,
Department of Physics,
SSN College, Kalavakkam,
Chennai.



Dr. D. Arunkumar,
Designated Lecturer,
Center for low-temperature Plasma
Sciences,
Nagoya University, Japan.



**Dr. Loganathan
Veeramuthu,**
Research Assistant Professor,
Institute of Organic and Polymer
Materials, Research and
Development Center of Smart
Textile Technology, National Taipei
University of Technology (NTUT),
Taipei, Taiwan.

Scientific Advisory Committee

Dr. P. Ramasamy, SSN Institutions, Chennai
Dr. Daniel Vizman, Romania
Dr. R. Jayavel, Anna University, Chennai
Dr. P. Kolandaivel, Former Vice-Chancellor, Periyar University, Salem
Dr. Rita John, University of Madras, Chennai
Dr. K. Gunasekaran, University of Madras, Chennai
Dr. S. Anbu, University of Hull, UK
Dr. R. Sankar, National Taiwan University, Taiwan
Dr. J. Kalyana Sundar, Periyar University, Salem
Dr. S. A. Martin Britto Dhas, Sacred Heart College, Tirupattur
Dr. M. Magesh, Saveetha University, Chennai
Dr. Mohit Tyagi, DAE-BARC, Mumbai
Dr. M. Srinivasan, SSN Institutions, Chennai
Dr. B.S. Sreeja, Department of ECE, Anna University, Chennai
Dr. V. Raj, Periyar University, Salem
Dr. N. Karunakaran, SRM Institute of Science & Technology, Chennai
Dr. C. Senthilkumar, Government Arts & Science College, Hosur
Dr. R. Robert, Govt. Arts College, Krishnagiri
Dr. K. Sankaranarayanan, Alagappa University, Karaikudi
Dr. A. Senthil, SRM University, Chennai
Dr. K. Sethuraman, Central University of Tamilnadu, Thiruvallur
Dr. M. Selvapandiyan, Periyar University, Dharmapuri
Dr. Shaswati Sen, DAE-BARC, Mumbai
Dr. Subramanian. V, CSIR-CLRI, Chennai
Dr. Sunil Verma, DAE-RRCAT, Indore
Dr. Vijayan. N, CSIR-NPL, New Delhi

Address for Communication

Dr. A. S. Jebamalar & Dr. S. Sindhusa
Convener & Co-Convener

Department of Physics & Research Centre
Nesamony Memorial Christian College,
Marthandam – 629165

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NESAMONY MEMORIAL CHRISTIAN COLLEGE

(88th Position in National Rankings-2023 for colleges by NIRF)

Marthandam, Kanyakumari District



*International
Conference on
Advanced Functional
Materials and Applications*

**ICAFMA
2024**

Organized by

**March
6 & 7**

**Department of Physics
&
Research Centre**



About the college

Nesamony Memorial Christian College, Marthandam, Kanniyakumari District, established in the year 1964 is one of the prestigious higher educational institutions affiliated to the Manonmaniam Sundaranar University, Tirunelveli. The College has a missionary zeal of providing higher education to the economically and socially discriminated community of southern end of India. The College offers 18 UG, 13 PG, 11 M.Phil and 8 Ph.D courses. The college is an accredited institution with 'A' Grade by the NAAC for the period 2014 - 2019 and ranked 88th in NIRF, the first in Kanniyakumari District. In the marvelous growth of this college, God has guided and blessed us immensely. With faith in divine guidance and cooperation from the public, it is hoped that the college will grow further into a fruitful centre of learning. The college stands for providing opportunities to the students towards creativity, team spirit and service with dedication, devotion and discipline.

About the Department

The Department of Physics & Research Centre offers undergraduate, post graduate, M.Phil and Ph.D in Physics. The department is equipped with well qualified and experienced faculties to improve the student's managerial skills and professional studies with proven excellence in research and publications. The aim of the department is to provide good academic endeavour to excel them in both knowledge and skill to meet the challenges of future technology.

About the Conference

The theme emphasizes the significance of materials development, various characteristics and optimism regarding the potential applications of Applied Science and Technology including Nanotechnology and solar energy. The conference would also give an exposure to the participants regarding upcoming technologies and advances in recent development in functional materials and applications through innovative talks by professional and expert in those fields.

Focused Areas

Spectroscopy	Density Functional Theory
Crystallography	Thin Films
Crystal Growth	Energy Materials
Nanoscience and Technology	Functional Materials
Solar Cell	Modelling and Simulation
Biotechnology	Composite Materials
Nuclear Physics	Magnetic Materials

Registrion Fee

Students/PG	- Rs. 600/-
Research Scholars	- Rs. 1000/-
Faculty/Staff	- Rs. 1200/-
Foreign participants	- USD 150/-

Interested participants may send your abstract before 1st March. Kindly use the following link for Registration, Payment and Abstract submission.

<https://www.nmcc.ac.in/Register.aspx>

Abstract for both oral and poster presentation should be typed in standard format of Times New Roman Font with size 12, 1.5 line space.

The best paper awards will be given for the selected oral/poster presentations. The presented papers will be recommended for publication in proceedings with ISBN number.

Organizing committee

Correspondent

Dr. T. Vinod Kumar

Principal i/c

Dr. R. Sheela Christy

Organizing Secretary

Dr. D. Arul Dhas
HOD i/c

Convener

Dr. A. S. Jebamalar
Assistant Professor of Physics

Co-Convener

Dr. S. Sindhusha
Assistant Professor of Physics

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Dr. S. Jeslin Sunitha Bai
Dr. M. Ajitha Sweetly
Dr. C. Christal Vasanthi
Dr. P. M. Shyly
Dr. D. J. Gino

Conference Venue

The conference will be held at Nesamony Memorial Christian College, Marthandam, Kanniyakumari District, Tamilnadu, India. The college lies beside national Highway (NH-47) connecting city of Thiruvananthapuram and Nagercoil town. The nearest Kuzhithurai Railway station is connected with major rail routes. The Thiruvananthapuram International Airport is situated at 40 km from the venue.

Accommodation

Participants in need of accommodation will be provided based on their required class in nearby Hotels on payment basis. Kindly contact the authorities well in advance for the best.