

## Keynote/ Invited Speakers



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



**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  
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Dr. S. Anbu, University of Hull, UK  
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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, Thiruvurur  
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

Mob : 9486756399, 9976123209

Mail : [malarjaslin@gmail.com](mailto:malarjaslin@gmail.com), [ssindhu25@gmail.com](mailto:ssindhu25@gmail.com)

**NESAMONY MEMORIAL CHRISTIAN COLLEGE**

(88<sup>th</sup> Position in National Rankings-2023 for colleges by NIRF)

Marthandam, Kanyakumari District



**International  
Conference on  
Advanced Functional  
Materials and Applications**

**ICAFMA**

**2024**

**March  
6 & 7**

*Organized by*

**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 88<sup>th</sup> 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

## Registration Fee

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

Interested participants may send your abstract before 1<sup>st</sup> 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

### Members

Dr. S. C. Jeyakumar  
Dr. R. Racil Jeya Geetha  
Dr. S. E. Joema  
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Dr. S. Jeslin Sunitha Bai  
Dr. M. Ajitha Sweetly  
Dr. C. Christal Vasantha  
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.