



**NESAMONY MEMORIAL CHRISTIAN COLLEGE**

(Re-Accredited with 'A' grade by NAAC  
& Ranked 91st by NIRF for the year 2021-2022)  
Marthandam, Kanyakumari District - 629165



**INTERNATIONAL CONFERENCE  
ON  
EMERGING TRENDS IN SUSTAINABLE  
MATERIALS AND APPLICATIONS**

**ICETSMA – 2023**



**20<sup>th</sup> & 21<sup>st</sup> March, 2023**

**Organized by**

**Department of Physics & Research Centre  
in association with**

**Indian science and Technology Association  
[ Elavenil Organization, Chennai ]**



## 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. Its ranked 91<sup>st</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 co-operation 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. A team of well experienced and highly motivated faculty 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

## 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 sustainable 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

## Registration Fee

Students/PG	- Rs. 500/-
Research Scholars	- Rs. 800/-
Faculty/Staff	- Rs. 1000/-
Foreign participants	- USD 150

Interested participants may send their abstract to [nmccicetsma2023@gmail.com](mailto:nmccicetsma2023@gmail.com) on or before 12<sup>th</sup> March, 2023. The best paper awards will be given for the selected oral/poster presentations.

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## Organizing committee

### Correspondent

**Dr. T. Vinod Kumar**

### Principal

**Dr. K. Paulraj**

### Organizing Secretary

**Dr. R. Sheela Christy**  
HOD of Physics & Research Centre

**Dr. L. Padmaja**  
HOD of Physics (SF)

### Conveners

**Dr. E. Ashlyn Kirupa**  
Assistant Professor of Physics

**Dr. S. Sindhusa**  
Assistant Professor of Physics

### Co-Conveners

**Dr. P. J. Jegan Babu**  
Assistant Professor of Physics

**Dr. C. Christal Vasanthi**  
Assistant Professor of Physics

### Members

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**Dr. R. Racil Jeya Geetha**  
**Dr. A. S. Jebamalar**  
**Dr. T. Asenath Benitta**  
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**Dr. S. E. Joema**  
**Dr. S. Jeslin Sunitha Bai**  
**Dr. M. Ajitha Sweetly**  
**Dr. P. M. Shyly**

## Scientific Advisory Committee

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**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  
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**Dr. Sunil Verma**, DAE-RRCAT, Indore  
**Dr. Vijayan. N**, CSIR-NPL, New Delhi



# Keynote/ Invited Speakers



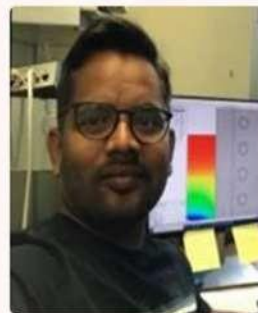
**Dr. Daniel Vizman**  
West University of  
Timisoara, Romaniya



**Dr. Anbu Sellamuthu  
Kooduthurai**  
University of East Anglia,  
United Kingdom



**Dr. Xin Liu**  
Nagoya University,  
Japan



**Dr. Magesh Murugesan**  
Capesym Inc Natick,  
USA



**Dr. Joseph Daniel**  
Kyungpook National  
University, South Korea



**Dr. K. Gunasekaran**  
University of Madras,  
Chennai



**Dr. B. S. Sreeja**  
SSN Institutions,  
Chennai



**Dr. S. Sudhakar**  
CSIR-CECRI,  
Karaikudi



**Dr. N. Karunakaran**  
SRM Institute of  
Science & Technology,  
Chennai



**Dr. M. Srinivasan**  
SSN Research Centre,  
Chennai

**Registration link:** <https://forms.gle/BRHJRUm8KesygCXq8>

## 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.

## Address for Communication

**Dr. E. Ashlyn Kirupa / Dr. S. Sindhusa**

*Convener*

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