

ORGANIZING COMMITTEE

CHIEF PATRON

Dr. (Sr.) Mary Josephine Rani. A
Secretary

PATRON

Dr. (Sr.) Arokia Jayaceli. A
Principal

CO-PATRON

Dr. (Sr.) Amala Valarmathy .A
Vice-Principal

CONFERENCE CO-ORDINATORS

- Ms. Mary Jamila .R
- Dr. Devi N.R.
- Dr. Sarjila. R
- Dr. Priyadharshini. A
- Dr. Lakshmi N.V
- Dr. Reena Devi .S
- Dr. Deepapriya .S
- Dr. Saranya P.E



EMINENT SPEAKERS

Dr. Martin Britto Dhas

Joint Professor, Brain Pool Fellow
Shock waves and Gas Dynamics Laboratory
Department of Mechanical Engineering
Keimyung University
Daegu, South Korea.

Topic: “Acoustic Shock waves: A cutting - Edge tool for Advanced Bio- Medical Applications”

Dr. D. Paul Joseph

Associate Professor
Department of Physics
NIT Warangal, Telangana.

Topic: “Nano-dimensional thin films – Fundamentals and Applications”

Dr. Koteswara Rao Bommiseti

Head, Central Instrumentation Facility (CIF)
Associate Professor
Department of Physics
IIT, Tirupathi, Andhrapradesh.

Topic: “Unconventional physics of Highly Frustrated Magnets”

VALEDICTORY ADDRESS

Dr. P. Nisha Santhakumari

Associate Professor (Retd)
PG & Research Department of Physics
Auxilium College (Autonomous)
Vellore - 06

ADDRESS FOR CORRESPONDENCE

Dr. (Sr) Venci. X

Convenor – (ICEMA-2024)

Head, PG & Research Department of Physics
Auxilium College (Autonomous), Gandhi Nagar,
Vellore – 632006.

Phone: 0416-2241774; 9488706608

Email ID: icemaphy24@gmail.com



Auxilium College

(Autonomous)

(Accredited by NAAC A+ Grade in the 4th cycle)
Gandhi Nagar, Vellore 632 006

PG and Research Department of Physics



Silver Jubilee of Undergraduate Course (1999 - 2024)
Decennial of Postgraduate Course (2014 -2024)

*International Conference on
Emerging Trends in Material Science and
Applications
(ICEMA - 2024)*

12.09.2024



We, the Management, the Principal, and the faculty members of the Physics Department cordially invite the faculty members, Research Scholars, PG Students and final year UG students of physics and chemistry of your institution to participate in the ICEMA-2024 conference.

ABOUT COLLEGE AND DEPARTMENT

Auxilium College, founded in 1954, is the first women's college in the North Arcot district and now it is affiliated to the Thiruvalluvar University. The UGC and the Thiruvalluvar University have granted Auxilium autonomy from 2007-2008. It is a minority institution, established and administered by the daughters of Mary Help of Christians commonly known as Salesian sisters of Don Bosco, belonging to the Catholic Church.

THE MOTTO: "**KNOWLEDGE AND VIRTUE**"

The main goal of the college is to produce in a Salesian atmosphere, integrally formed young women who will be agents of social transformation in today's India.

The physics department has been functioning since the beginning of the college and major Physics (UG) was started in 1999 and PG in 2014. Recently, it has been upgraded has a research department.

ABOUT ICEMA-2024

The International Conference on Emerging Trends in Material Science and Applications will be a crucial forum for discussing the latest advancements in material science. Aimed at bridging technological innovations with practical applications, the conference will foster new research and collaborations. Attendees will engage in discussions, share insights, and explore future trends, contributing to the field's advancement.

This event offers a unique opportunity to present work, exchange ideas, and network with peers, inspiring future studies and innovations in material science. Join us to participate in this dynamic exchange of knowledge and contribute to the field's evolution.

TOPICS COVERED

- Advanced Materials Science
- Crystal Growth & Applications
- Nanomaterials, Technology & Applications
- Supercapacitors and Batteries
- Nonlinear Optical (NLO) Materials
- Medical Physics
- Quantum Dot and Applications
- Solar Cell Applications
- Thermoelectric Materials & Applications
- Optical Materials, Sensors, and Devices
- Energy Materials and Devices
- Ceramic and Composite Materials
- Polymers
- Luminescent Materials
- Dielectric Materials
- Thinfilim Technology

In addition to these topics, other specific applications of next-generation materials and devices are also welcome.

CALL FOR PAPERS

Abstracts will be published in the conference proceedings with an ISBN.

CALL FOR ABSTRACTS

We invite abstracts of your valuable research papers aligned with the conference theme. Submissions are welcome in both online and offline formats. Please ensure that your abstract is between 300 - 400 words, formatted in MS Word, using Times New Roman font, size 12. Kindly submit your abstract through the Google form provided in this invitation.

IMPORTANT DATES

Last date for registration : **08.09.2024**
Last date for sending abstract : **08.09.2024**
Acceptance Notification to authors : **10.09.2024**

To encourage young researchers, Best Oral/Poster awards for the outstanding presentation will be awarded and all registered participants will receive the certificates in the conference.

REGISTRATION

REGISTRATION FEE DETAILS

UG / PG Students : **Rs. 200**
Research Scholars/ Faculty : **Rs. 300**
Industrialists : **Rs.500**

The registration fee includes conference kit & working lunch.

Spot registrations is also permitted.

REGISTRATION FORM

Scan here to get registration form



Online registration Form

<https://forms.gle/Jhfd8NZTepAYs8M9>

ACCOUNT DETAILS

Account Name : All Departments
Account number: 168301000020931
IFSC Code: IOBA0001683
Bank Name: Indian Overseas Bank
Branch Name: Auxilium College