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DEPARTMENT OF PHYSICS

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In Association with
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ABOUT THE INSTITUTION

The Post Graduate Extension Centre of this University started functioning in the academic year 2012–13 with the approval of the Government of Tamil Nadu (G.O. No. 76, dated 25-05-2012) and is located in Dharmapuri. It was established with three departments initially, and five more departments were added successively during 2015 and 2016. In consonance with its mission statement, *"Arival Vilaiyum Ulagu"*, it is committed to promoting an intellectual climate through artistic creation, critical thinking, and innovative ideation. The centre focuses on bridging the gap in holistic, integrated education for young minds. The primary motive of the Government of Tamil Nadu and Periyar University in starting a PG Extension Centre in Dharmapuri is to reach the unreached in every corner and outskirt of the Dharmapuri and Krishnagiri districts. It plays a vital role in providing complete wisdom and knowledge by educating and enriching students from deeply rural areas. It always excels in rendering standard education for the holistic development of this area..

ABOUT THE DEPARTMENT

The Department of Physics was established in 2012 and offers M.Sc. and Ph.D. programmes. The main objective of the department is to motivate students to rise and shine academically and professionally. Ph.D. scholars conduct research in fields such as Crystal Growth, Spectroscopy, and Nanoscience. In addition, the department periodically organizes seminars, conferences, workshops, alumni lecture series, industrial visits, and special lectures, along with coaching classes for competitive examinations, to create awareness among young students about current trends in Physics of global importance. Through its best practices, the department promotes a strong research culture, provides mentorship and guidance, integrates teaching with research, and disseminates findings through colloquia. Young and dynamic faculty members are actively establishing laboratories with sophisticated equipment to carry out research in thrust areas and accelerate departmental activities.

ABOUT "ISPA"

Indian SpectroPhysics Association (ISPA) is the brain child of Veteran Professor and Scientist Ariviyal Mudumunaivar Sethu Gunasekaran. ISPA was started on April 23, 1998, it is a registered society under whose auspices, conferences, workshops and seminars are organized. ISPA is the peak of a strong belief that enlightening young minds and empowering them to pursue research through Spectroscopy. ISPA has an enviable record of having organized 18 International conferences and 20 National Conferences. ISPA has also organized 20 State Level Technical Seminars in Physical Sciences for PG and M.Phil. students, since 1999. Indian SpectroPhysics Association (ISPA) finds its place in encouraging renowned and young scientists by honouring them with ISPA Awards in the recognition of the research findings of the scientists. 16 Veteran scientist Awards, 64 Life Time Achievement Awards, 95 ISPA Ariviyal Mudumunaivar Sethu Gunasekaran Awards, Dr. S. Mohan Awards, are given to researchers who have made excellent contributions in the field of Research, during Conferences/ Seminars organized by ISPA. An international consortium has been made with the Medical University of Sofia for a tune of 1000 crore for a research project., Visit www.ispa.org.in for more details. Annual and Life Time Membership forms can be availed from the website.

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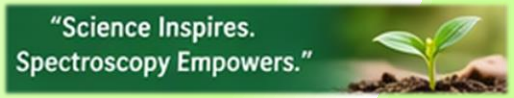
The primary aim of the 3rd International Conference on Sustainable Materials for Biological and Energy Applications (SMBEA–2027) is to provide a dynamic platform for researchers, scientists, engineers, and innovators to convene and explore the multifaceted field of sustainable materials. The conference aims to explore the potential of sustainable materials in drug discovery, drug design, and drug delivery systems; it also aims to integrate the materials for energy sustainability, energy storage and conversion, and efficient energy utilization. The platform will encourage inter-disciplinary collaboration among attendees, bridging the gap between materials science, biology, chemistry, and engineering. Overall, the conference will inspire the next generation of researchers and professionals to prioritize sustainability.

Focused Areas

- Spectroscopy
- Crystal Growth
- Crystallography
- Bio Physics
- Medical Physics
- Ceramic Materials
- Drug Design
- DFT Analysis
- Materials Science
- Theoretical Physics
- Surface Engineering
- Sensor & Smart Materials
- Superconductor Materials
- Semiconductor Materials
- Solar Technology
- Instrumentation
- Luminescent Materials
- Magnetic Materials
- Molecular Dynamics
- Modelling & Simulation
- MEMS Design
- Nanotechnology
- Nonlinear Optics
- Optoelectronic Devices
- Characterization Methods
- Transport Properties
- Thin Film Technology
- Bio Sensors
- Photocatalysts
- Polymer Composites

Call for Abstracts

The authors intending to participate in this conference are requested to send their **abstracts of their research findings** within **250-300 words** (MS Word, 12pts, Times New Roman with 1.5 line spacing) on **all topics related to the focused areas** to **smbea2027@gmail.com** on or before 9th **January 2027**. The technical committee shall duly inform the oral/poster presentation to the authors of the selected abstracts. Proceedings with **ISBN number** shall contain the selected abstracts of **Invited lectures, Oral presentations, and Poster presentations**.



Important Dates

First Announcement : 15/10/2026

Second Announcement : 11/11/2026

Last date for Abstract Submission : 09/01/2027

Acceptance Notifications : 12/01/2027

FOR REGISTRATION

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