

## About the University

The Government of Tamil Nadu established Periyar University in Salem on 17th September 1997 as per the provisions of the Periyar University Act, 1997. The University covers the area comprising four districts namely Salem, Namakkal, Dharmapuri, and Krishnagiri. The University obtained 12(B) and 2(f) status from the University Grants Commission, New Delhi and it was reaccredited by the NAAC with “A++” Grade in 2021. The University secured 59th rank among Indian Universities by MoE NIRF 2023.

The University is named after the Great Social Reformer E.V. Ramasamy, affectionately called as “Thanthai Periyar”. The University aims at developing knowledge in various fields to realize the maxim inscribed in the logo “Arival Vilayum Ulagu” (Wisdom Maketh the World). “Holistic development of the students” is the primary objective of the University.

Periyar University has taken the significant step in promoting interdisciplinary study and research. The Departments have been clustered into schools in order to identify and work on productive intersections between disciplines.

The University has tieups with a number of academic, research institutes, and universities across the world to stay up to date on quality benchmarks.

## Department of Energy Science and Technology

The Department of Energy Studies was established in the year 2015 (later renamed as Energy Science and Technology in 2020) with major intention of promoting quality education in the arena of renewable energy. The rapid depletion of conventional energy sources demands a predominant need for the alternate and renewable energy. In the quest to reach this ultimatum, a postgraduate in energy science and research Programme is offered by the Department of Energy Science.

In the year 2019, with a mission to provide manpower with knowledge and skill for the growth of India's energy sector with innovative energy technologies, the department has started to a new course M. Tech Energy Technology with the approval of AICTE New Delhi effective from 2020-21 academic year onwards. The faculties of Energy Science are actively involving themselves in research and extension activities, paper and book publications. Attending and presenting papers at national and international level seminars and conferences.

The learning environment is always continuous and inculcates in the students. The Department strongly emphasis on quality education, effective teaching pedagogies and real industry interface to propel to a better career of the students.



TAMIL NADU STATE COUNCIL  
FOR HIGHER EDUCATION  
(TANSCH)



SPONSORED

NATIONAL LEVEL SEMINAR ON

## ENERGY CONSERVATION, AUDIT AND MANAGEMENT

15<sup>th</sup> September 2023

*Organized By*



**Department of  
Energy Science & Technology  
School of Energy and Environmental Sciences  
Periyar University**  
NAAC A++ Grade - State University – NIRF Rank 59 – NIRF Innovation Band of 11-50  
**Salem, Tamil Nadu.**



## Scope of the Seminar

This seminar will cover the topics of energy conservation, audit, and management. The world is currently facing an energy crisis, with increasing demands for energy and dwindling resources. As such, it has become imperative to conserve energy and use it more efficiently. Energy conservation involves reducing energy consumption without affecting productivity or comfort. It is a crucial step towards sustainable development. Energy audit is the process of identifying, measuring, and analyzing energy consumption in a building, process, or system. It helps identify areas where energy is being wasted and provides recommendations for improvement. Energy management involves the implementation of these recommendations and the ongoing monitoring and maintenance of energy consumption.

## Topics to be covered

- The importance of energy conservation and the benefits it brings
- Energy audit methodology and tools
- Types of energy audits, including preliminary audits, walkthrough audits, and comprehensive audits
- Techniques for identifying energy-saving opportunities
- Best practices for implementing energy-saving measures
- Monitoring and verification of energy savings
- Energy management systems and software
- Case studies of successful energy conservation and management projects

## Important date

Last date of registration : 08-09-2023

## Payment details

Registration Fee: Rs 100+18% GST(Rs.118/-)

## Organizing Committee

### CHIEF PATRON

**Prof. Dr. R. JAGANNATHAN**

Hon'ble Vice - Chancellor  
Periyar University, Salem.

### PATRON

**Prof. Dr. K. THANGAVEL**

Registrar (FAC)  
Periyar University, Salem.

### CONVENER(S)

**Dr. K. A. RAMESH KUMAR**

Professor & Head  
Department of Energy Science and Technology  
Periyar University, Salem.

**Dr. P. Maadeswaran**

Assistant Professor  
Department of Energy Science and Technology  
Periyar University, Salem.

## Registration link

[https://docs.google.com/forms/d/e/1FAIpQLSeOTqayxN7IILY022i6\\_5kVdpms8ruiNA6L9RRsdRII2pYw/viewform](https://docs.google.com/forms/d/e/1FAIpQLSeOTqayxN7IILY022i6_5kVdpms8ruiNA6L9RRsdRII2pYw/viewform)



## Resource Persons

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