

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 56th rank among Indian Universities by MoE-NIRF 2024 and State Public University Rank 25.

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 steps for promoting interdisciplinary study and research. The Departments have been clustered into schools in order to identify and work on productive intersections between disciplines.

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. 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 new programme M. Tech., Energy Technology with the approval of AICTE New Delhi effective from 2019-20 academic years onwards.



For any details, please contact

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**One Week AICTE Training and
Learning (ATAL) Academy
Faculty Development Program (FDP)
on**

GREEN TECHNOLOGY

4th – 9th November 2024

Organized By



**Department of
Energy Science & Technology
Periyar University**

NAAC 'A++' Grade with CGPA 3.61 (Cycle - 3)
State University - NIRF Rank 56 - State Public University Rank 25

Salem-Tamilnadu

Coordinator
Dr. K.A. Ramesh Kumar
Co-Coordinator
Dr. P. Maadeswaran

Objective of ATAL FDP Scheme

The objective of ATAL scheme is "To plan and help in imparting quality technical education in the country and to support technical institutions in fostering research, innovation and entrepreneurship through training in various emerging fields".

Target Group

The Faculty Members of the Higher Education Institutions, Research scholars, PG students, participants from Government, Industry and Staff of host institution.

Guidelines

Eligible participants will be selected based on first come first serve basis and will be intimated by e-mail only.

Candidates would be eligible to receive a certificate up on achieving at least 70% cumulated weightage in the following aspects in the weightage mentioned.

- Attendance - minimum 80% attendance essential. 100 % attendance - (individual) - weightage 20%
- Rs. 1,600/- (lump sum) per External Participant payable only for those with >=90% attendance and traveling beyond 20 KM one side)
- One assessment, - combination of MCQs/short answer type/reasoning based, etc. -(Individual) - weightage 10%
- 2 Page Article Summary/per Team - (Team & Individual)- weightage 30%
- Output of practical sessions -(Individual)-weightage 15 %
- Report/outcome of Industrial visit- (Team) at the last session - weightage 10%
- Reflection Journal - (Individual) - at the last session - weightage 15%

Registration Details

No registration fee

Last Date for registration : 21.10.2024

Intimation of Selection : 23.10.2024

Link for the registration:

Participants are requested to register compulsorily in the following link:

<https://www.aicte-india.org/atal>

OR

<https://atalacademy.aicte-india.org/signup>

After registration in the above link submit the scanned copy of the registration form to atalfdpenergy@periyaruniversity.ac.in latest by 28-10-2024.

Scope and Objective of FDP

In response to the pressing need for sustainable development, green technology has emerged as a critical enabler of environmental stewardship and economic growth. This Faculty Development Program (FDP) seeks to equip educators with the knowledge and skills necessary to integrate green technology concepts into academic curricula, foster research initiatives, and promote innovation in diverse fields. Through a series of interactive sessions, laboratory visits, and article discussions, participants will explore the multifaceted aspects of green technology and its potential to address pressing environmental challenges while driving socio-economic progress.

Contents of the Course

- Introduction to Green Technology
- Renewable Energy Systems
- Energy Efficiency and Conservation
- Sustainable Materials and Manufacturing
- Circular Economy and Waste Management
- Green Building Design and Architecture (IGBC)
- Energy Efficiency and Audit
- Smart Cities and Urban Sustainability
- Environmental Policy and Regulation
- Case Studies and Best Practices
- Integrating Green Technology into Education

Possible Speakers

Dr. G. Prabusankar, IIT, Hyderabad

Dr. Santhakumar Mohan, IIT, Palakkad

Dr. T. Vinopraba, NIT Puducherry Karaikal, Pondicherry

Dr. P. Parthiban, NIT, Trichy

Dr. T.V.Arjunan, Guru Ghasidas Viswavidyalaya (Central University), Bilaspur

Dr. R. Ramesh, Anna University, Chennai

Dr. G. Kumaresan, Anna University, Chennai

Dr. G. Muralidharan, The Gandhigram Rural Institute, Dindigul

Dr. S. Karuppuchamy, Alagappa University, Karaikudi

Dr. S. Arungalai Vendan, Dayananda Sagar University, Bengaluru

Dr. K. Balaji, Amrita Vishwa Vidyapeetham, Coimbatore

Dr. S.R. Sivarasu, BEE Certified Energy Auditor, Coimbatore

Organizing Committee

CHIEF PATRON

Prof. R. JAGANNATHAN,

Vice Chancellor,

Periyar University, Salem

PATRON

Prof. P. VISWANATHAMURTHI,

Registrar (i/c),

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