



Faculty Development Program



VIT[®]
Vellore Institute of Technology
(Deemed to be University under section 3 of UGC Act, 1956)

Title : Advances in Solar Photovoltaic System and Recycling

Date : 2025-09-15 - 2025-09-15

Time : 11:45 - 13:15

Venue : TT 707

Event Outcome

- Evaluate performance



Resource Person 1 - Details

Name : Kalaiselvan N

Designation : Associate Professor Grade 1, Technology Information Forecasting and Assessment Council

University/ Company : VIT, Vellore

Address : India, 632014.

Resource Person's Profile :

1. Profile of Kalaiselvan N

Prof. Kalaiselvan is the Associate Professor in TIFAC Core

Solar photovoltaic (PV) technology has emerged as one of the most promising and sustainable solutions for addressing global energy demands and climate challenges. Recent advancements in PV systems have significantly improved efficiency, reliability, and affordability, making solar power a vital contributor to the global energy transition. This Faculty Development Program (FDP) aims to provide participants with a comprehensive understanding of cutting-edge developments in solar photovoltaic systems, ranging from next-generation materials and high-efficiency solar cells to innovations in system integration, smart inverters, energy storage, and grid connectivity. The FDP will also focus on challenges such as intermittency, degradation, and cost reduction strategies, while highlighting research opportunities and industry applications. By bridging theoretical concepts with practical case studies, the program seeks to equip faculty and researchers with the knowledge and tools required to advance teaching, research, and innovation in the field of renewable energy.

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Coordinator: Teaching Learning Centre of Excellence, VIT, Vellore