

VIT -Vellore

Tamil Nadu, 632 014.

TIFAC –CORE

Introducing

*“One day Hands-on workshop
on*

*Modelling of solar Photovoltaic
(PV) system using PV-Syst tool”*

17th, August 2026

REGISTRATION FORM

(Please fill this form and send it to the
mail id given) (Capital Letters only)

Full Name

Sex:

Designation:

Organization:

Address:

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Mobile No.:

E-mail :

Amount:..... Dated:

Transaction Ref No:

Name of the Bank:

Place: Date:

About VIT

VIT was established with the aim of providing quality higher education on par with international standards. It persistently seeks and adopts innovative methods to improve the quality of higher education on a consistent basis. The campus has a cosmopolitan atmosphere with students from all corners of the globe. Experienced and learned teachers are strongly encouraged to nurture the students. The global standards set at VIT in the field of teaching and research spur us on in our relentless pursuit of excellence. In fact, it has become a way of life for us. The highly motivated youngsters on the campus are a constant source of pride. Our Memoranda of Understanding with various international universities are our major strength. They provide for an exchange of students and faculty and encourage joint research projects for the mutual benefit of these universities. Many of our students, who pursue their research projects in foreign universities, bring high quality to their work and esteem to India and have done us proud. With steady steps, we continue our march forward.

About TIFAC-CORE

TIFAC-CORE at VIT is a Centre of Excellence established under the Government of India's Technology Information Forecasting and Assessment Council (TIFAC) initiative. It promotes industry-oriented research and innovation in sustainable mobility, automotive electronics, and electric vehicle technologies. The center conducts advanced research in AI-based autonomous vehicles, EV charging systems, hydrogen mobility, and intelligent transportation. It collaborates with industries, universities, and government agencies on funded research and consultancy projects. Equipped with state-of-the-art laboratories, it supports product development, prototyping, and technology validation. The center also offers specialized academic programs and hands-on training to develop skilled professionals. TIFAC-CORE advances sustainable and intelligent mobility through research and industry collaboration.



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**Organized by the TIFAC-
CORE**



***VIT - A Place to Learn, A Chance
to Grow***

About the Programme:

Technology Information Forecasting and assessment Council (TFAC-CORE) offers various programme for outside faculty members & students of other engineering colleges in the field of Renewable powered EV, Sustainable mobility, advanced driver assistant system and AI based driverless car on India. Having extensive knowledge in software and hardware, the technical supporting staffs in collaboration with the experience faculty members intend to exchange their expertise to other engineering college staffs, students, researchers and industrial peoples relating to hardware and software implementation in their own hand by performing the experiments and simulations in real time. Keeping in view, the technical staffs along with faculty members offer this “**One day Hands-on workshop on Modelling of solar Photovoltaic (PV) system using PV-Syst tool**”

Course Content:

- Introduction to PVsyst Software.
- On-Grid & Off-Grid System design
- Modeling of grid-tied and standalone solar PV systems.
- Geometric Analysis & Site Selection
- Evaluating terrain, orientation, and optimal placement for solar arrays.
- Hybrid System Configuration Integrating solar with other energy sources for reliable performance.
- Near Shading Analysis Assessing impact of nearby obstacles on energy yield.
- Load Estimation Techniques Calculating energy demand and sizing systems.

Important Date:

Last date for registration: **August 15 th, 2026**

Program Date: **August 17th, 2026**

Eligibility: Students, Scholars & Technical Staff from

Engineering and Polytechnic colleges & Industrial persons

Registration Fee: **For Students/Scholars: Rs. 300 (GST+ Lunch)**

Academician: **500/- (including GST+ Lunch)**

Industry person: **700/- (including GST+ Lunch)**

Registration Link: <https://events.vit.ac.in/>

Or



Resource Person: VIT Professors and TIFAC Technical Team

Workshop Coordinator

Dr. N. Kalaiselvan

Associate Professor – TIFAC CORE

Event Management

R. Silambarasan, Development Engineer, TIFAC-CORE

N. Rajesh, Senior Lab Assistant, TIFAC-CORE

Venue: Technology Tower-TT703, 10:AM to 5 PM

Address for Communication

TIFAC-CORE.

7th Floor, Technology Tower VIT, Vellore - 632 014.

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VIT, Vellore

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