

# VIT -Vellore

Tamil Nadu, 632 014.

## TIFAC –CORE

Introducing  
***“Hands-on Training on  
Advancement in Solar Photovoltaic  
system and modeling using PV-Syst”***  
3<sup>rd</sup> – 7<sup>th</sup> October , 2023

### 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:

Signature of Participant

## 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 is an initiative of Government of India wherein the collaboration between Industry and Academia is insisted. Keeping this in mind the Centre is offering a PG program on “Automotive Electronics”. The course is offered in collaboration with School of Electronics Engineering (SENSE) at Vellore campus. The students are exposed to various emerging technologies and hence are getting jobs in R & D Centres. The centre is also conducting a number of short term training programs (workshops) in order to inculcate inter-disciplinary real time problem solving approach among students. Some of the key focus areas of the center includes sustainable mobility, fuel cell powered electric bicycles, hydrogen vehicle and renewable powered smart charging infrastructure for EVs.



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**Organized by the TIFAC-  
CORE**



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

## **About the Program:**

Technology Information Forecasting and assessment Council (TFAC-CORE) offers various training programs for faculty members & students in the field of Renewable powered EV, Sustainable mobility, advanced driver assistant system and AI based driverless car on Indian road. Having extensive knowledge in software and hardware, the technical supporting staffs in collaboration with the experience faculty members intend to exchange their expertise to staffs, students, researchers, faculty members 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 “*Hands-on Training on Advancement in Solar Photovoltaic system and modeling using PV-Syst*”

## **Course Content:**

- Photovoltaic materials and devices,
- Types of Solar PV Modules and its characteristics - Hands on training
- Effect of different environmental factors on the performance of PV modules-Hands on practical.
- Roof top & Ground mounded PV design – PV-Syst simulation and hands on training
- Shading & loss analysis using PV-Syst simulation tool
- ON Grid & OFF Grid Solar PV system design with DC load –PV Syst- Hands on training

## **Important Date:**

Last date for registration: September 27<sup>th</sup> 2023

Program Date: October 3<sup>rd</sup> – 7<sup>th</sup> 2023

Eligibility: Students, Scholars, Faculty members & Technical Staff from Engineering and Polytechnic colleges & Industrial persons

Registration Fee: For Students/Scholars: Rs. 750/- (including GST+ Lunch)

Academician: 1000/- (including GST+ Lunch)

Industry person: 2000/- (including GST+ Lunch)

(No. of participants restricted to 100 only)

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

Resource Person: VIT Professors and TIFAC Technical Team

## **Coordinators:**

Dr. Suprava Chakraborty  
Associate Professor –TIFAC CORE  
Dr. N. Kalaiselvan  
Assistant Professor – TIFAC CORE

## **Address for Communication:**

TIFAC-CORE.

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## **Organizing Committee**

### **Chief Patron**

Dr. G. Viswanathan,  
Chancellor

### **Patrons**

Shri. Sankar Viswanathan  
Vice President

Dr. Sekar Viswanathan  
Vice President

Dr. G. V. Selvam  
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Dr. Rambabu Kodali  
Vice Chancellor

Dr. Partha Sharathi Mallick  
Pro-Vice Chancellor

Dr. T. Jayabarathi  
Registrar

### **Organizing Chair:**

Dr. Elangovan D  
Professor & Deputy Director  
TIFAC-CORE

