VIT

Vellore , Tamilnadu , 632 014.

School of Electrical Engineering

Recent Trends in Smart Power Systems

23rd-24th June 2022

REGISTRATION FORM

(Capital Letters only)

Full Name . . . . . .

Sex : Male/Female.

Designation : . . . . . .

Organization: . . . . . .

Address : . . . . . .

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Mobile & Whatsapp No.: . . . . . .

E-mail :. . . . . .

Place :

Date :

Signature of Participant

Registration Link :

https://forms.gle/D1wSCLd7QzCyHFwe6

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School of Electrical Engineering,
VIT, Vellore

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Dr. Meikandasivam S,
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VIT®
Vellore Institute of Technology
(Deemed to be University under section 3 of UGC Act, 1956)

Two Day Virtual
Academia – Industry Conclave
on

Recent Trends in Smart Power Systems

23rd – 24th, June 2022

Organized By

School of Electrical Engineering (SELECT)

Vellore Institute of Technology,

Vellore, Tamilnadu, India

About the VIT

Vellore Institute of Technology was founded in 1984 as Vellore Engineering College by the Chancellor Dr. G. Viswanathan. From its humble beginning, the institution has grown exponentially to that of having more than 36,000 students. Students from all the states of India and from more than 60 countries are studying at VIT. University status was conferred in 2001 by MHRD Govt. of India in recognition of its excellence in academics, research and extracurricular initiatives. Currently, VIT has 4 campuses – in Vellore, Chennai, Amaravati (AP) and Bhopal (MP). VIT is recognized as an Institution of Eminence (IoE) by MHRD, Government of India. The National Institutional Ranking Framework (NIRF) of the MHRD, Government of India, has ranked 12th in Research, 12th in Engineering Category, 13th in University Category and 21st in Overall Category in 2021. VIT has gone for accreditation by NAAC [India], IET [UK], and ABET [USA] and follows world class academic processes. VIT is the first and only University in India to get 4 star rating from QS, the world universities ranking organization. VIT has also been ranked in the top 251-300 in Times Higher Education (THE) World University Ranking (Emerging Economies) in 2021 and in the top 198 in QS Asia Ranking

About School of Electrical Engineering

School of Electrical Engineering (SELECT) has 93 faculty members who have done their UG and PG degrees from the top-notch universities. The School offers B.Tech (Electrical and Electronics Engineering), B.Tech (Electronics and Instrumentation Engineering), M.Tech (Power Electronics and Drives) and M. Tech (Control and Automation), Ph.D and Integrated Ph.D in Engineering . B.Tech (Electrical and Electronics Engineering) and B.Tech (Electronics and Instrumentation Engineering), is accredited by the Engineering Accreditation Commission of ABET. All UG & PG programmes of the school are accredited by the Institution of Engineering and Technology (IET), U.K. The placement record of the School has always been impressive. Almost 100% of the students get job from the campus placement and many of them are getting it in core companies every year. The School has state-of-the art laboratories in almost all the areas of Electrical and Electronics Engineering. Every year, students get scholarships to do their final year projects abroad under the Semester Abroad Program (SAP). Schneider Electric, India and Danfoss, India, have established Centre of Excellence for students R&D activities under the guidance of faculty members and Industry experts. The School has signed MoUs with many foreign Universities, research organizations and Industries from where students get benefits for their R&D Work / Projects.

Objective of the Conclave

Academia and industry are associated with each other and play a great role in a nation's economy. The skilled graduates from various institutes are recruited by industries for their services and product development. The institutes has to administer the graduates with the skills of industrial requirements. This would be possible with a continuous interaction of academics with the industry. New research topics emerge out during the interaction between the two which benefit both academia and industry. An industry can therefore focus a part of their funds to help the research projects, setting up laboratories, update the curriculum, provide technical experts as guest faculty to have up to date skilled graduates in placements. The main objectives of this Industry–Academia conclave are

- To benefit the society through innovative product designs and technologies in future.
- To strengthen companies research and development (R&D).
- To help industry scientists in solving the design and technical problems.
- To identify the avenues through local firms, businesses and other intermediaries through innovation and research.
- To reduce the government funding gap to Universities.
- To have associated potentially profitable patents with industries.

At present "Smart gird" is the buzzword of the researchers working in the area of Electrical and Electronics Engineering. According to European Technology Platform, a Smart Grid is an electricity network that can intelligently integrate the actions of all users connected to it - generators, consumers and those that do both in order to efficiently deliver sustainable, economic and secure electricity supplies.

This Conclave on Recent Trends in Smart Power System is aimed to bring together a multi-disciplinary group of industries, R&D organizations and academia experts in the aforementioned fields for two days to discuss most emerging research ideas on grid integration and smart grid. Further, the conclave will serve as a forum for participants, to exchange information and experience with eminent personalities in the area of the electrical power system, to get acquainted with the current trends in the power system. To make the program interesting and informative, resource persons are planned to arrange from industries like Schneider Electric, HCL, Wipro, Enercent, Siemens and renowned academic institutes.

Domains of the Conclave:

- ♦Smart Grid
- ♦Micro Grid
- ♦Grid Integration
- ♦Electric Vehicle
- ♦Battery Management
- ♦Smart Communication
- ♦Data Analytics

Partnered Industries:

Important Dates:

Last date for registration : **21st Jun, 2022**

Date of Conclave : **23rd & 24th, Jun, 2022**

Registration Fee: **Free of Cost**

E- Certificate will be issued to all the registered and active participants. Minimum 75 % of attendance is mandatory for all.