



AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY

(Approved by AICTE)

VINAYAKA MISSION'S RESEARCH FOUNDATION

(Deemed to be University)

(Declared Under Sec.3 of UGC Act 1956) (Accredited by NAAC)



Department of Electrical and Electronics Engineering

Organizing Two Days National Level Technical Workshop on

“ Smart Renewable Energy Sources and Its Challenges ”

On 10th and 11th August 2018 - AVIT

ADVISORY COMMITTEE

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COORDINATORS

Dr. M.Venkateshkumar

Associate Professor / EEE, AVIT

Dr.G.Ezhilarasan

Professor / EEE, AVIT

Contact us

venkateshkumar@avit.ac.in

9443149907

ABOUT AVIT

Aarupadai Veedu Institute of Technology(AVIT) established in the year 1998 ,is an ambit Institution of Vinayaka Mission's Research foundation.It is located on OMR, the IT Corridor of Chennai. Vinayaka Mission's Research foundation is accredited by NAAC. Vinayaka Mission's Research foundation excels in disciplines like Medicine, Dentistry, Paramedical Sciences, Homeopathy, Engineering, Management and Basic sciences through its institutions spread across Tamilnadu and Pondicherry. The college offers Undergraduate, Postgraduate and Research programs in all disciplines of Engineering and Technology. The College has chapters of various professional societies like IEEE CS, IETE, ISTE, IPE, SAE etc., and has signed MOU with several reputed Industries.

ABOUT DEPARTMENT

The Department of Electrical and Electronics Engineering @ AVIT was established in the year 1998. The Department offers full time undergraduate course in the Electrical and Electronics Engineering and Mechatronics Engineering. The department also offers part-time under graduate course in Electrical and Electronics Engineering and a post graduate course in Power System Engineering. The Department has well equipped laboratories with state of art facilities. Technical Association – EEESA (Electrical and Electronics Engineering Student Association) and professional bodies like the IEEE Power and Energy Society are active in the department. The thrust areas of research of the department include Renewable Energy, Power Electronics and Drives, Power system and automation. The department has Centre of Excellence for Renewable Energy Technology. The department also take cares of the operation and maintenance of 126 kWp Grid Connected Solar Power Plant which supplied around 600 Units per day. The Department has signed MoUs with many leading industrial firms.

ABOUT WORKSHOP

The major challenges in recent research area are grid integration of renewable energy sources, mainly the Hybrid, wind and solar power system, Power quality improvement, Power system stability, design of inverters and converters, and Artificial intelligent controllers. This two days workshop will provide a research solution and practical hands on training for technical skill development in renewable energy sources.

Objective:

- To Create research awareness about smart intelligent controllers for Renewable Energy systems.
- Design and simulate renewable energy resources then analysis utilisation.
- Hands on Training at “126 kWp” Solar PV grid tied installation and Specialized Solar Power Testing Laboratory

Resource Persons

Dr.V.Thiyagarajan, Assitant Executive Engineer, TANGEDCO, Chennai .

Dr. S.Umashankar, Head & Associate Professor Energy and Power, VIT Vellore, Chair- Student Activities & Vice Chair - Execom & YP, IEEE MAS Section

Dr. M. Venkateshkumar , Associate Professor – Dept of EEE, AVIT, VMRF , Member of IEEE P825 Transactive Energy Workgroup (USA), Chairman, IEEE YP, Vice Chairman, IEEE - Power and Energy Society, IEEE Madras Section

Dr. G.Ezhilarasan, Professor, Dept of EEE . AVIT, VMRF

Dr. K.Boopathy, Professor – Dept of EEE, AVIT, VMRF

Dr. M.Ravindiran, Professor- Dept of ECE, AVIT, VMRF

Mr. V.Rattankumar- Asst Professor (II), Dept of EEE, AVIT, VMRF

Our Sponsors



Registration details

| Participants | IEEE Member | Non Member |
|-------------------|-------------|------------|
| Faculty | 750 | 1250 |
| Industry | 1250 | 1750 |
| Research Scholars | 750 | 1000 |
| UG / PG Students | 500 | 750 |

Registration Link
<https://goo.gl/forms/tOZgaMkhEAK30Rb02>

Online Payment
Bank Name : Indian Overseas Bank , Mahabalipuram
Bank Account Name : Aarupadai Veedu Institute of Technology (PC A/c)
Bank Account No : 005002000000269
Bank IFSC : IOBA0000050

Registration fee includes workshop kit, lunch and certificate.

Last Date of Registration : 8th August 2018.
(No TA / DA will be provided)

