

### Resource persons

Experts from reputed industries and academic institutions will handle the seminar.

### WHO CAN ATTEND

- Students from Engineering / Polytechnic colleges.
- Engineers from R & D organization / Industries

### REGISTRATION DETAILS

Research Scholars	: Rs. 300 /-
Academicians	: Rs. 250 /-
Engineers from R & D	
Organization industries	: Rs.400/-

The registration fee includes the lunch and high tea. The registration fee must be in the form of Demand Draft drawn in favor of “Sri Vidya College of Engineering & Technology” payable at Virudhunagar. Registration fee in the form of cash will not be accepted.

The fee does not include the accommodation and no TA/DA will be provided to the participants. However on request and depending on availability, accommodation could be provided in our college hostel at a nominal rate.

### ORGANIZING COMMITTEE

#### Chief Patrons:

Thiru R.Thiruvengada Ramanuja Doss, B.E  
Chairman, Sri Vidya Group of Institutions.  
Er. T.Venkatesh, B.E  
Vice Chairman, Sri Vidya Group of Institutions.

#### Patron:

Prof. S.Sankarlingam, Principal

#### Convener:

Mrs.J.R.Bindhu, AP / EEE

#### Coordinator:

### ADDRESS FOR COMMUNICATION

Mr.P.I.D.T.BALA DURAI KANNAN,  
HOD / EEE  
Sri Vidya College Of Engineering &  
Technology, Virudhunagar – 626 005  
Phone No: 04562 – 267468  
Mobile : 7708886327 / 9750977336  
Mail id: [svcethodee@gmail.com](mailto:svcethodee@gmail.com)

### IMPORTANT DATES

Last date to Apply :  
Intimation of Selection:

### TWO DAY SEMINAR ON “ POWER QUALITY IMPROVEMENT USING FACTS DEVICES ”

ON

27<sup>th</sup> December, 2017

Organized by

Department of Electrical and Electronics  
Engineering



Sri Vidya College of Engineering and  
Technology,  
Virudhunagar, Tamilnadu

Website: [www.srividyaengg.ac.in](http://www.srividyaengg.ac.in)

### **ABOUT THE COLLEGE**

Sri Vidya College of Engineering and Technology, approved by AICTE and affiliated to Anna University, Chennai was established in the year 2008 for the upliftment of urban and rural youth by the philanthropic visionaries of Sri Vidya Education Trust. The college offers 6 UG programmes and 4 PG programmes including Master of Business Administration. The college has full fledged infrastructure facilities in all departments. The institution is known for strict academic discipline and standards and one of the best run institution in the southern part of Tamil Nadu.

### **ABOUT THE DEPARTMENT**

The Department of Electrical and Electronics Engineering was established in the year of 2008 with a sanctioned intake of 60. The Department has highly qualified and experienced faculty members with different fields of specialization. The department is nourished with latest equipments and computing facilities supported by software such as ETAP, PSPICE, MATLAB and LABVIEW.

### **LOCATION**

SVCET is located in Virudhunagar district. It is nearer to many places namely Madurai, Aruppukottai, Sivakasi and Sattur. The college campus is at distance of 50Kms from Madurai and 3 Kms from Virudhunagar.

### **ABOUT THE PROGRAMME**

Power Quality is a measure of how well a system supports reliable operation of its loads. A power disturbance or event can involve voltage, current, or frequency variations. Power disturbances can originate in consumer power systems, consumer loads, or the utility because of non-linear loads, adjustable speed drives, traction drives, start of large motor loads, arc furnace, lightning etc. Typical power quality disturbances are voltage variation (voltage swelling, voltage sag) frequency variation & waveform distortion. Power quality problems can be mitigated by facts devices. Facts controllers are power electronic based system & other static equipment that provide control of one or more AC transmission parameters. It means to enhance the controllability and increase power transfer capability.

### **KEY TOPICS FOR DISCUSSION**

- Introduction to Power Quality.
- Power Quality issues.
- Mitigation of Power Quality issues.
- Optimization techniques for FACTS devices.

### **ONE DAY SEMINAR ON “ POWER QUALITY IMPROVEMENT USING FACTS DEVICES ”**

ON  
9<sup>th</sup> August, 2017

#### **REGISTRATION FORM**

Name (In Block Letters) .....

Qualification: .....

Organization:.....

Category: Faculty/Research scholar/Industrialists

E-Mail : .....

Mobile No : .....

#### **Details of Registration Fee:**

DD No : .....Date: .....

Amount : .....

Name of the Bank: .....

I shall attend the Seminar for entire duration, if selected

Date

Signature of the applicant