

## Registration Form

Name:  
Qualification:  
Designation :  
Teaching Experience:  
Institution:  
Address for  
Correspondence:  
Mobile:  
E-Mail Id:  
Registration Fee:

### Declaration

The information furnished above is true to the best of my knowledge. I agree to abide by the rules and regulations of the workshop.

**Place:**  
**Date:**                      **Signature of Applicant**

### Sponsorship Certificate

Mr./Ms. \_\_\_\_\_ is an employee of our organization and is hereby sponsored to the workshop on SPPST.

He /She is permitted to participate in the workshop if selected.

**Place:**  
**Date:**  
Signature of Sponsoring Authority  
(with Seal)

## ORGANIZING COMMITTEE

### *Chief Patron*

Sri. M. Seshagiri Rao  
Chairman  
Bapatla Engineering College, Bapatla

### *Principal*

Dr. K. Srinivasu

### *Convener*

Dr. M. Bala Krishna  
Prof. & HOD, EEE Dept, BEC

### *Co-convener*

Sri N. Karthik  
Lecturer EEED BEC

### *Organizing Members*

Smt.N.Ramadevi, A.P, EEE Department  
Sri.G.Ravi Kumar, A.P, EEE  
Sri.Ch.Sridhar, Lecturer, EEE  
Sri.K.Ramesh, Lecturer, EEE  
Sri.G.Rajesh, Lecturer, EEE  
Sri.P.Sampath Kumar, Lecturer, EEE  
Sri.B.Shanker, Lecturer, EEE

## ONE DAY NATIONAL WORKSHOP ON

**SIGNAL PROCESSING IN POWER  
SYSTEM TRANSIENTS  
(SPPST) on 18<sup>th</sup> February 2012**

**Convener  
Prof.M.Bala Krishna  
HOD EEE**

**Coordinator  
Sri.N.Karthik  
Lecturer,EEE**



**DEPARTMENT OF  
ELECTRICAL & ELECTRONICS  
ENGINEERING**

**BAPATLA ENGINEERING COLLEGE  
(AUTONOMOUS)  
(Approved by AICTE)  
Bapatla, Guntur(Dist.) A.P. 522101**



### About The Workshop:

Power supply quality issues and the resulting problems are the consequences of the increasing use of solid state switching devices, non-linear and power electronically switched loads, unbalanced power systems, lighting controls, computer and data processing equipment, industrial plant rectifiers and converters. These electronic type loads cause quasi –static harmonic dynamic voltage distortions, inrush pulse-type current phenomenon with excessive harmonics and high distortion.

The objective of the workshop is to introduce various causes and effects of transients and harmonics in the power system. Also give exposure to possible research in this area with case studies and technical information..

### Topics Covered:

- Power System Transients And Harmonics
- Introduction to Wavelet Analysis
- Application of Wavelets to Motor Protection
- Hands on Experience

### Resource Persons:

1. Dr.D.V.S.S Siva Sarma from NIT,Warangal.
2. Dr.P.V.Ramana Rao from ANU College of Engineering & Technology.
3. Smt.N.Rama Devi Assistant Professor from BEC Bapatla.

### Eligibility:

This workshop is intended for the Faculty of AICTE approved Engineering college and M.Tech students.

### Registration Fee:

Interested participants are requested to fill the application forms and send along with the registration fee to the address given below. The registration fee is to be paid by DD, drawn in favour of **“Bapatla Engineering College”** payable at Bapatla, should reach us on or before 12<sup>th</sup> Feb, 2012.

The applications should be addressed to **The Coordinator-SPPST, Department of EEE, Bapatla Engineering College Bapatla-522101.**

### Registration Fee:

Industry Participants	: Rs.200
Academicians	: Rs.150
Students	: Rs.100

### Important Dates:

Last day for Registration: 12<sup>th</sup> Feb 2012

Intimation to candidates: 14<sup>th</sup> Feb 2012

**Note:** TA & DA will not be paid to the participants

### Address for Correspondence

N. Karthik

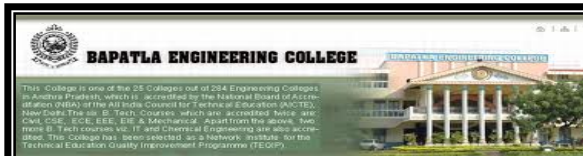
Coordinator-SPPST

Lecturer, EEED, Bapatla Engineering College

Bapatla-522101

**Email:wizitkarthik@gmail.com**

**Ph: 9246467805**



### College Profile

Bapatla Engineering College (Autonomous) was established by the Bapatla Educational Society the year 1981 with a total intake of 180 students CE, ME & E.C.E branches. The present intake nine B.Tech Courses is **960**. College is having five PG programmes with intake of 106.

### DEPARTMENT PROFILE

EEE Department was established in the year 1999. It has a remarkable academic history of achieving University ranks, GATE scores and placements both national and international organizations. A few of these achievements are as follows

### University ranks

1<sup>st</sup> and 2<sup>nd</sup> in (1995-99), 1<sup>st</sup> & 5<sup>th</sup> in (1996-2000), 1<sup>st</sup> & 3<sup>rd</sup> in (2002-06), 3<sup>rd</sup> in (2003-07), 1<sup>st</sup>, 2<sup>nd</sup>, 3<sup>rd</sup> in (2004-08) 1<sup>st</sup>, 3<sup>rd</sup> in (2005-09).

### All India GATE Ranks

12<sup>th</sup>-(2000), 4<sup>th</sup>-(2005), 11<sup>th</sup> and 26<sup>th</sup>-(2008), 47<sup>th</sup>-(2009)

### Faculty

It has highly qualified, experienced and committed faculty. NBA of AICTE accredited the department twice so far.

### Salient Features of Our Labs:

The labs of the department are equipped with state-of-the-art equipment cost of **Rs10000000**.

### The Major Equipment Includes:

- Dissectible Machine-Labvolt, CANADA
- Winding Kit- Labvolt, CANADA
- Power Network Analyzer-UNIPOWER, SWEDEN
- Universal Numerical Relay-Cspc, SPAIN
- Cable Fault Locator- Seba Dynatron, UK
- Thermal Image Camera-Flir System, SWEDEN
- DSP Based Drives-Techno Soft
- Transmission Line-Honalec Energy Systems
- PSCAD, ETAP, PSIM, MIPOWER, MULTISIM, MATLAB