

DEPARTMENT OF EEE  
BAPATLA ENGINEERING COLLEGE  
(Accredited by NBA&NAAC)

**A ONE DAY VOCATIONAL TRAINING  
PROGRAMME**

**ON**

**MAKING AND TESTING OF INDUSTRIAL  
ELECTRIC APPARATUS**

**SEPTEMBER 30, 2019  
REGISTRATION FORM**

Name :

Designation :

Industry :

Mailing Address :

Mobile :

E-Mail (compulsory) :

Registration Fee :

Participation category:

( Industry /Technician/ Student)

**Place:**

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

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*President,BapatlaEducation Society*

**Sri.M.NageswaraRao,**  
*Secretary, Bapatla Education Society*

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**Convener**

**Dr.N.Rama Devi,**  
*Professor. & HOD, EEE Dept, BEC.*

**Co-convener**

**Mr.Pappula Sampath Kumar,**  
*Asst.professor, EEE Dept,BEC.*

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**Dr.K.Ramesh, Assoc.Professor, EEE Dept**  
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APPARATUS  
SEPTEMBER 30<sup>th</sup>, 2019**



**Organized By  
DEPARTMENT OF  
ELECTRICAL & ELECTRONICS  
ENGINEERING**



**BAPATLA ENGINEERING COLLEGE  
(AUTONOMOUS)  
(Approved by AICTE)**



## BAPATLA ENGINEERING COLLEGE

This College is one of the 25 Colleges out of 254 Engineering Colleges in Andhra Pradesh, which is accredited by the National Board of Accreditation (NBA) of the All India Council for Technical Education (AICTE), New Delhi. The college offers B.Tech. Courses which are accredited by the All India Council for Technical Education (AICTE). Apart from the above, two more B.Tech. Courses viz. IT and Chemical Engineering are also accredited. The College has been selected as a network institute for the Technical Education Quality Improvement Programme (TEQIP).



### College Profile:

Bapatla Engineering College (Autonomous) was established by the Bapatla Educational Society in the year 1981 with a total intake of 180 students in EEE, ECE, CSE, CE, & ME branches. The present intake in B.Tech Courses is **1080**. College is having five PG programmes with intake of **108** and PG courses in sciences and Master in computer Application with a total intake of **270**. **Rs.1.2 Cr worth 400Kw Grid tied Solar energy system is installed in the college campus as a part of green energy**

### DEPARTMENT PROFILE:

EEE Department was established in the year 1995. It has a remarkable academic history of achieving University ranks, GATE scores and placements in both national and international organizations. NBA of AICTE accredited the department thrice so far. A few of these achievements are as follows

#### University ranks:

1<sup>st</sup> & 2<sup>nd</sup> in 1999, 1<sup>st</sup> & 5<sup>th</sup> in 2000,  
1<sup>st</sup> & 3<sup>rd</sup> in 2006, 3<sup>rd</sup> in 2007, 1<sup>st</sup>, 2<sup>nd</sup> and 3<sup>rd</sup> in 2008,  
1<sup>st</sup> & 3<sup>rd</sup> in 2009, 4<sup>th</sup> in 2010.

#### 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)

#### Salient Features of Our Labs:

The labs of the department are equipped with state the equipment cost of **Rs1.6 Cr**.

#### 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- SebaDynatronik, UK
- Thermal Image Camera-Flir System, SWEDEN
- DSP Based Drives-Techno Soft
- Transmission Line-Honalec Energy Systems
- PSCAD, ETAP, PSIM, MIPOWER, MULTISIM, MATLAB, LABVIEW.
- Transformer OIL Testing Kit

### OBJECTIVE:

- To Provide an overview on different Measuring Instruments.
- To charge a battery with capacity of 2200mAh to 3000mAh in 2.5 to 3 hours in bright sunlight.
- To expose the knowledge on Renewable energy Systems
- To improve the skills of the Industrialist in different domain applications of Electrical testing Instruments.
- Thermal cameras are an extremely effective tool for testing electrical systems for component damage, excessive heat and for ensuring overall system efficiency.

### FDP TOPICS:

- Solar Mobile Charger.
- Transformer OIL testing kit.
- Relay Testing.
- Fault detection using Cable Fault Locator.
- Testing electrical systems for component damage using Thermal Image Camera
- Hand on experience on water level indicator
- Solar and Wind Plant Visiting.
- AC/DC Motor operation using LabVolt

### RESOURCE PERSONS:

1. Dr.N.Rama Devi,  
Professor. & HOD, EEE Dept, BEC.
2. Mr.Pappula Sampath Kumar,  
Asst.professor, EEE Dept, BEC.

### REGISTRATION FEE:

Students of Diploma/ITI/ Intermediate/  
Technicians.

: **Free**

### HOW TO APPLY:

The Participants can send their duly filled-in registration form to the convener along with the Demand Draft drawn in favor of “**Principal Bapatla Engineering College, Bapatla**”, Payable at Bapatla. The registration fee includes Lunch and Refreshments.

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

### IMPORTANT DATES:

Last date for submission of application: 25-09-2019

Intimation of selected candidates : 26-09-2019

\*\*through E-mail / SMS\*\*

### ADDRESS FOR CORRESPONDENCE:

**Sri. Pappula Sampath Kumar**

Co-Convener,

***Making and Testing of Industrial Electric Apparatus***

Department of EEE

Bapatla Engineering College

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