# UJWALA NEWSLETTER

#### VISION:

To develop comprehensively trained and Socially responsible women electrical and electronics engineers with competencies and capabilities to adapt to new challenges.

#### **MISSION:**

 To empower the students adept at latest technologies by providing innovative learning environment.

2. To cultivate interdisciplinary research mind-set and outlook to develop engineering solutions.

 To inculcate ethical behaviour and professional attitude in order to embrace holistic concept of living



UNIVERSAL LEARNING

#### **BVRIT HYDERABAD**

College of Engineering for Women



#### BVRIT HYDERABAD College of Engineering for Women

Plot No. 8-5/4, Rajiv Gandhi Nagar Colony, Nizampet Rd, Bachupally, Hyderabad-500090

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#### Department of Electrical & Electronics Engineering

January 2015,

Volume 2, Issue

Dr Ch Sunil Kumar Professor & HoD Ph: 9440545949

#### **Editorial Board:**

- 1. Dr. Ch Sunil Ku<mark>mar, Hod &</mark> Prof, EEE
- 2. Mr. R Guruswamy, Assoc Prof. EEE
- Dr. S Faith Manjusha Vijayalatha , Asst. Prof. BS&H
- 4. G Laxmi Moun<mark>ika, EEE 3rd</mark> Year

# About the Department

Department of Electrical and Electronics Engineering (EEE) was established in the year 2012 with an intake of 60 students and affiliated to Jawaharlal Nehru Technological University Hyderabad, Hyderabad. The department is supported by experienced faculty and has full-fledged laboratories to meet the demands of present day scenario. Unlike the regular curriculum, department of EEE provides more practical exposure beyond the syllabus deliberated from II year onwards. The main aim of the Electrical and Electronic Engineering program is to develop enterprising professionals who have an innovative disposition, the confidence and abilities to assume leadership roles in technology, business and the community. The program is designed to give the skills essential for graduate engineers to become immediately employable in the global competitive environment. Department provides sufficient training with industry oriented people with hands on experience which help them to have an edge over others in this competitive world where science and technology are moving in a galloping pace. Presently department is headed by Dr.Ch.Sunil Kumar, M.Tech, Ph.D. MISTE. His research areas of interest are Electrical Power Systems, Deregulation, Electrical machines and magnetic fields.

## Program Educational Objectives

1: Propose effective solutions for complex Electrical and Electronics Engineering problems using modern techniques

2: Excel in their career and compete with their global peers in Techno-Scientific field

3: Exhibit good communication skills, ethical behaviour & social perception.

4: Stimulate economic growth and job Opportunities through entrepreneurship.

# HOD Message



Dr. Ch Sunil Kumar M.tech, Ph.D

Greetings from the EEE Department, BVRIT HYDERA-BAD College of Engineering for Women. It gives immense pride & pleasure to lead the Electrical & Electronics Engineering Department of this Esteemed & Prestigious Institute.

The department has specialized faculties in all important areas of Electrical Engineering such as Power Systems, Power Electronics Drives, Control & Automation, Instrumentation. Internet of Things etc. The department works in the direction of nurturing the faculties and exposing them to world class infrastructure by proving world class training outside college campus. We provide ample opportunities to our faculty and students under the Departmental Association Deeptha through in house trainings, workshops Guest Lectures and Non technical Activities. Our Department consists of various laboratories like Basic Electrical Engineering, Electrical Machines, Power Electronics, Control Systems, and Measurements equipped with new technological setups giving the scope to all students having hands on experience individually. Which will increase the confidence to face the practical problems in the field of Electrical Engineering.

Industrial Visits and Internships are regularly planned to improve the practical Knowledge of the students and have a interaction with the industry people. We continue to play a leading role in our discipline which leads us towards creating innovative and effective professional graduate community which would vivacious and provide continuous learning. I extend my warm wishes to all budding Electrical Engineers.

# Faculty Joined



Mrs. P Subha<mark>shit</mark>ha M.Tech, Assistant Professor DoJ: 02nd July 2014



Mrs N Shiva Gouri M.Tech, Assistant Professor DoJ: 04th July 2014

# **Events organized**

#### **Guest Lectures**

- A Guest Lecture on Power Semiconductor Devices and their Impact on Society was conducted by Dr. P S Doradla on 15<sup>th</sup> October 2014.
- A Guest Lecture on Electrical Machines was conducted by Dr. V Rajagopal, Professor, BVRIT Narsapur on 13th November 2014.





 Project Exhibition for III EEE Mini projects was conducted in the department on 15th November 2014.



### Workshops

Two Day Workshop on MATLAB & SIMULINK was Organized on 12th & 13th September 2014 Under IEEE Student Chapter.



Two Day Workshop on PCB Design & Fabrication was organized on 10th and 11th October 2014 in Association with Indo Global Services Under IEI Chapter.



A One Day Workshop on Safety and Security of Girls was Organized on 22nd October 2014 in the college under ISTE Student Chapter.



- Debate, Eassy Writing and Technical Quiz was Conducted on 13th & 15th September on the occasion of Engineers Day under Department Technical Association Deeptha.
- Two Day Workshop on Mobile Testing & Repair was Organized on 10th & 11th October 2014 in Association with SS mobiles Training Institute.



### **Technical Chapters Inauguration**

Institution of Electrical & Electronics Engineers (IEEE) Technical Student Chapter was Inaugurated on 12th September 2014.

# **Students Achievements**

- N. Suchitra devi and N. Nikitha students of II EEE attended 'SPYBOTICS' workshop on 18<sup>th</sup> and 19<sup>th</sup> October at IIT Hyderabad.
- AR Nushrath, M. Bhavani, Y. Gowthami and NB. Anupama students of III EEE attended a workshop on 'Creativity and Innovation' in BVRIT, Narsapur on 17<sup>th</sup> &18<sup>th</sup> of October 2014.
- V. Mounika reddy, N. Sowmya, A. Jyothi and V. Swathi students of III EEE attended a lecture on Smart Grid conducted by IEEE on behalf of Faraday's Birth day on 22<sup>nd</sup> September 2014.
- Y. Chandralekha, S. Swapna Priya and M. Sadhvi Reddy of III EEE and T. Sudeepthi, M. Swathi, P. Swathi, B.
   Mounika, B. Sushma, B. Rajeshwari, M. Mounika, V. Komaleswari and Ch. Renuka Devi of II EEE won II Prize in Throw Ball in "Tech Trobhy-2K14" organized by Malla Reddy Engineering College for Women, Hyderabad on 31<sup>st</sup> October and 1<sup>st</sup> November 2014.

# Industrial Visits

- III B.Tech. I Sem. EEE students (36) and three faculty visited "SINUMERIK EXHIBIT BY SIEMENS" (Exhibition of Motors), at Balanagar on 5th July 2014.
- III EEE Students(56) along with 4 faculty visited BHEL R.C Puram, Hyderabad on 2<sup>nd</sup> August 2014.
- II EEE Students (57) along with 4 faculty visited Solar Plant at BVRIT Narsapur by Students on 20<sup>th</sup> Sep 2014.

# Internships

- V. Mounika Reddy of III EEE was selected for the paid internship at Dhana.
- O6 Students of III EEE are completed internship at Toshiba Transmission and Distribution Systems (India) Pvt.Ltd, Rudraram, Patancheru during 30/09/14 to 10/10/14.

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Kommuri Priyanka

(82%)

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(81.5%)

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Sudeepthi Talla

(81.2%)

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- Mr. G. Sandeep registered for Part-Time Ph D under JNTU Kakinada in August 2014.
- Mr. R. Guruswamy completed his Ph D Course work on the subjects of Intellectual Property Rights and Custom Power Devices subjects held in July 2014 and Topped in the subject of Custom Power Devices.
- Mr. R. Guruswamy cleared his Pre-Ph D Course held in August 2014 and Topped in the subject of Renewable Energy Systems.