

# 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:

1. 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.
3. To inculcate ethical behaviour and professional attitude in order to embrace holistic concept of living.



**VISHNU**  
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

Phone: +9140 42417773

Email:

[principal@bvrithyderabad.edu.in](mailto:principal@bvrithyderabad.edu.in)

[Info@bvrithyderabad.edu.in](mailto:Info@bvrithyderabad.edu.in)



**Department of Electrical &  
Electronics Engineering**

January 2016,

Volume 3, Issue 1,

Dr Ch Sunil Kumar  
Professor & HoD  
Ph: 9440545949

**Editorial Board:**

1. Dr. Ch Sunil Kumar, HOD & Prof, EEE
2. Mr R Guruswamy, Assoc Prof. EEE
3. Dr. S Faith Manjusha Vijayalatha , Asst. Prof. BS&H
4. Sudeepthi T EEE, 3rd Year
5. B Divya Rani EEE, 2nd 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 HYDERABAD College of Engineering for Women. It gives immense pride & pleasure to lead the Electrical & Electronics Engineering Department of this Esteemed & Prestigious Institute.

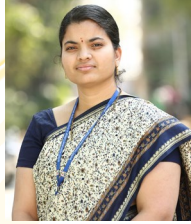
The department has specialized faculties in all important areas of Electrical Engineering such as Power Systems, Power Electronics & Drives, Control & Automation, Instrumentation, Internet of Things etc. The department works in the direction of nurturing the faculties and exposing them to world class infrastructure by providing 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. E Swarna  
M.Tech,  
Assistant Professor  
DoJ: 3rd July 2015



Mrs. S Kiranmai  
M.Tech,  
Assistant Professor  
DoJ: 6th July 2015

## Events organized

### Guest Lectures

- ◆ A guest lecture was conducted on the topic “Renewable Energy based LED Lighting for the developing world” by **Prof. Dave Irvin-Halliday**, Emeritus Professor of University of Calgary, Canada. On the occasion of Engineers Day celebration under the departmental technical Association Deeptha on 15th September 2015.



- ◆ A Guest Lecture was arranged by the department of EEE on the topic ‘Solar Photovoltaic - Trends and Technologies’ by **Dr. Col.T.S.Surendra**, Professor Emeritus, BITS Hyderabad under IEI Student Chapter on 5<sup>th</sup> October 2015.



- ◆ Guest Lecture was arranged on ‘Space Technology’ by Prof. Gora Dutta, Director, R&D, VBIT, was arranged by EEE Department on the occasion of Dr. Abdul Kalam’s Birthday on 15<sup>th</sup> October 2015

- ◆ Guest Lecture was arranged on NBA Accreditation by Mr. Satish Kumar Soni, Consultant for Accreditation: NBA, NAAC, HLACTION on 4th December 2015.

### Workshops

- ◆ A One Day Workshop on ‘Testing and Repairing of Electrical Appliances’ was conducted for III ECE students by the Department of EEE under ISTE Student Chapter on 04th July 2015.
- ◆ A One Day Workshop on ‘Testing and Repairing of Electrical Appliances’ was conducted for II ECE students by the Department of EEE under ISTE Student Chapter on 06th July 2015.
- ◆ A One Day Workshop on ‘Testing and Repairing of Electrical Appliances’ was conducted for III IT students by the Department of EEE under ISTE Student Chapter on 16th July 2015.
- ◆ A Two Day Workshop on ‘Testing and Repairing of Electrical Appliances’ was conducted for II EEE students by the Department of EEE under IEEI Student Chapter on 30th and 31st December 2015



- ◆ A Three Day workshop on MATLAB & SIMULATION was conducted for III, IV EEE students by Mr. A V Ravana Reddy, Asst. Prof. EEE Department under the IEEE Student Branch from 3rd December to 5th December 2015.



## Industrial Visits

- ◆ The Department of EEE conducted Essay Writing competition on the topic “Engineering Challenges in Knowledge Era” on the occasion of Engineers day celebrations under IEI Student chapter on 15th September 2015.
- ◆ A Session on “Art of Learning” was conducted for EEE Students and faculty by Mr. Nagaraju, Yoga Teacher under the department technical Association Deeptha on 19th December 2015.
- ◆ A counseling program ‘MITHRA’ was conducted for II year students by Dr. Geetha Chall, Psychiatrist from 24<sup>th</sup> September to 26<sup>th</sup> September 2015.

- ◆ An Industrial visit to BHEL was arranged for II EEE students on 19-09-15, 3 faculty members and a lab Technician assisted the students.
- ◆ Mr. Guruswamy, Assoc. Professor, EEE along with Mr. Narasimha Ramulu, Lab Technician, EEE, visited Apollo Hospital, Jubilee Hills, as part of ATL activities on 11-09-15.
- ◆ Mr. Saleem, Mr. Bhargav and Mr. Narasimha Ramulu, Lab Technician, EEE, visited Apollo Hospital, Jubilee Hills, as part of ATL activities on 20-11-2015.

## Students Achievements

- ◆ 22 Students from EEE department completed WISE Certification program and received certificates on WISE Graduation program held on 28th October 2015.
- ◆ K.Bhargava Ravali, K.Ramya and K.Sravani III year EEE were selected to be a part of ‘Mission R&D’ which is an initiative by Mr. Perraju to make the students meet the industry requirements.
- ◆ D. Sree Meghana of III EEE got **second prize** in Essay writing competition which was conducted on Engineers Day on 15<sup>th</sup> September 2015.
- ◆ Lakshmi Mounica Gogineni of IV EEE did internship with Virtusa Consulting Services Pvt. Ltd from 15<sup>th</sup> June 2015 to 14<sup>th</sup> September 2015.
- ◆ V. Komaleswari, P.Swathi, P.Sanjana, S.Shravani, Sri Vaishnavi of III and I EEE have participated in Volley Ball and Throw Ball National Level Inter College Engineering Sports Meet at HITAM College on 29<sup>th</sup> & 30<sup>th</sup> September 2015 and won **Second prize (Rs.2000/-)**.
- ◆ Ch. Renuka Devi of III EEE won **First Prize** in Shuttle Badminton in SportsBout-2K15 conducted at CVSR (Anurag Group of Institutions) on 9<sup>th</sup> and 10<sup>th</sup> October 2015.
- ◆ D.Sowmya, G.Mallika and M.Aravinda of II EEE won **First Prize** in Technical Quiz (Grid Building) conducted as part of National Level Technical Symposium in Mallareddy Engineering College for Women on 18<sup>th</sup> and 19<sup>th</sup> December 2015.
- ◆ G.T.L. Sharanya of II EEE designed the Cover Page of Technical Magazine of BVRITH ‘B-SMART’.

## Internships

- ◆ Lakshmi Mounica Gogineni and A.Jyothi of IV EEE did internship with Virtusa Consulting Services Pvt. Ltd from 15<sup>th</sup> June 2015 to 14<sup>th</sup> September 2015.
- ◆ V.Mounika Reddy of IV EEE underwent internship with ‘Dhana Technologies’, Hyderabad, from April 2015 to June 2015.
- ◆ A.Anusha, V.Meghana and K.Manoghna of IV EEE underwent internship in NBuz Business Solutions from June to August 2015.
- ◆ Sai Nethra of IV EEE did her internship in Biz time IT solutions in Bangalore from June to August 2015.
- ◆ I.Alekhyia and K. Navya of IV EEE underwent internship on ‘Networking’ in HCL, Ameerpet.
- ◆ S.Pranaya, R.Swetha, K.Tanuja and N.Srilekha of III EEE, did their internships in BHEL from 01-06-2015 to 15-06-2015 on ‘Study of Manufacturing Process of Turbo Generator’.
- ◆ C.V.S.Keerthi Reddy, K.Jhansi, N.Nikitha and M.Sindhuja of III EEE completed internship in BHEL on ‘Design aspects of Turbo Generator’ from 09-06-2015 to 23-06-2015.
- ◆ A.Pavani, S.Tejaswi, B.S.Leepika and K.Manisha of III EEE, did their internships in BHEL from 09-06-2015 to 23-06-2015 on ‘Study of Manufacturing Process of Turbo Generator’.
- ◆ B.Vani, Ch.Ramya of III EEE completed internship in BHEL on ‘Sizing and Learning of Electrical Equipment for Power plant’ from 09-06-2015 to 23-06-2015.

## Faculty Achievements

- ◆ K.Priyanka and P.Deepika of III EEE, did their internship in BHEL from 25-5-2015 to 10-6-2015 on 'Study of Manufacturing Process of Turbo Generator'.
- ◆ K.Pranathi, S. Mounica, K.Sravani of III EEE did their Internship on 'Transformers' from 25<sup>th</sup> May to 4<sup>th</sup> June 2015, in Servomax India Limited.
- ◆ Y.Prathima, Y.Manasa and P.Nishitha of III EEE completed their internship in Toshiba Transmission and Distribution Systems (India) Pvt. Ltd from 23-05-2015 to 05-06-2015.
- ◆ O.Mamatha, V.Sandhya and N.Suchithra Devi of III EEE completed internship in HAL, Hyderabad, from 23<sup>rd</sup> June to 4<sup>th</sup> July 2015.
- ◆ K.Himabindu, B.Rajeshwari, D.Swapna, Ch.Ramya, N. Nikitha and Md.Tasleema of III year EEE completed their internship in TSTRANSCO on the topic 'Study of Substation Equipment' from 25-11-2015 to 09-12-2015.
- ◆ B.Siva Nagamma, A.Ankitha, K.Baby Lakshmi, P.J.S.Akhila, B.Sunitha, G.Sanjana Devi and J.Mridula Rani of III year EEE completed their internship in TSTRANSCO, Gachibowli, on the topic 'Protection of Transformer' from 25-11-2015 to 09-12-2015.
- ◆ K.Hemalatha of III EEE did internship with TSTRANSCO, Erragadda from 25-11-2015 to 09-12-2015.
- ◆ K.Priyanka, M.Mounika, V.Komaleswari, T.Sudeepthi and B.Sushma of III EEE completed their Internship on the topic 'Power Generation in (4 \* 115MW) Hydro Power Plant' in APGENCO, from 02-06-2015 to 15-06-2015.

- ◆ Dr. Ch. Sunil Kumar and Dr. J. Srinivasa Rao presented a paper on '**Subsynchronous Resonance Mitigation for Wind farm**' in the TEQUIP-II sponsored Third National Conference on Emerging Technologies in Electrical and Electronics Engineering (ETE-2016) which was conducted on 29<sup>th</sup>-30<sup>th</sup> January 2016 in Shri.Vishnu Engineering College for Women, Bhimvaram.
- ◆ Dr. Ch. Sunil Kumar and Dr. J. Srinivasa Rao presented a paper on '**Modelling of Photovoltaic system**' in the TEQUIP-II sponsored Third National Conference on Emerging Technologies in Electrical and Electronics Engineering (ETE-2016) which was conducted on 29<sup>th</sup>-30<sup>th</sup> January 2016 in Shri.Vishnu Engineering College for Women, Bhimvaram.
- ◆ Mr. J.Srinivas Rao completed his PhD work, secured Doctoral Degree on April 2015 and promoted as Associate Professor in the month of July 2015.

## Academic Result

- ◆ Fourth Year First Semester Toppers for 2012 Batch



Adavelli Jyothi  
(82.93%)  
12WH1A0204



Ch Venkata Tejaswini  
(80.93%)  
12WH1A0209



P Sai Lalitha  
(79.87%)  
12WH1A0236

- ◆ Third Year First Semester Toppers for 2013 Batch



P Nishitha  
(83.33%)  
13WH1A0240



Sudeepthi Talla  
(81.20%)  
13WH1A0253



P Deepika  
(79.2%)  
13WH1A0245

- ◆ Second Year First Semester Toppers for 2014 Batch



D Sowmya  
(91.07%)  
14WH1A0231



A Jeevana  
(87.73%)  
14WH1A0225



P Pooja Reddy  
(79.6%)  
14WH1A0219

## Placements

- ◆ 09 students of IV year EEE got selected in CAPGEMINI in the first placement conducted in the college on 11<sup>th</sup> and 12<sup>th</sup> of September.
- ◆ 07 students of IV EEE got placed in Tech Mahindra in the placement drive conducted on 24<sup>th</sup> Sep.2015.
- ◆ 5 students of IV EEE got placed in CSC (Computer Science Corporation) in the placement drive held on 19<sup>th</sup> October 2015.
- ◆ Veerannagari Mounika Reddy got placed in MindTree held on 05-11-2015.
- ◆ A. Jyothi of IV EEE got selected for Vasishta Enterprise solutions on 14<sup>th</sup> December.

# Placements for 2012 Batch

## CapGemini



12WH1A0214  
B Sai Nethra



12WH1A0219  
G Laxmi Mounica



12WH1A0233  
M Sravani



12WH1A0234  
M Bhavani



12WH1A0235  
M Sadvi Reddy



12WH1A0236  
P Sai Lalitha



12WH1A0237  
Mounika K



12WH1A0250  
P Sanjana



12WH1A0252  
Sidda Ravali

## Tech Mahindra



12WH1A0207  
B Preetica



12WH1A0214  
B Sai Nethra



12WH1A0215  
E Sushmitha



12WH1A0219  
G Laxmi Mounica



12WH1A0226  
K Priyanka



12WH1A0229  
K Manogna



12WH1A0250  
P Sanjana

## Computer Science Corporation (CSC)



12WH1A0202  
A L S S Bhargavi



12WH1A0211  
V Meghana



12WH1A0218  
G Kiranmai



12WH1A0248  
Y Chandralekha



12WH1A0251  
V Mounika Reddy

## Mindtree



12WH1A0251  
V Mounika Reddy

## Vashista Enterprise Ltd



12WH1A0204  
A Jyothi