

**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.



**BVRIT HYDERABAD**

College of Engineering for  
Women



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College of Engineering for Women

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**Department of Electrical &  
Electronics Engineering**

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Professor & HoD  
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**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.

*...The Techno Spark* 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



Dr. V Rajeswari  
Ph.D., M.Tech,  
Professor  
DoJ: 6th June 2016

## Events organized

### Workshops

- ◆ A Two day 3rd National Level Students Technical Fest 'MEDHANWESH- 16, was Conducted in the college on 7<sup>th</sup> and 8<sup>th</sup>, January 2016.



- ◆ A Three Day Workshop on 'Pedagogical and Personal Effectiveness ' was conducted for the faculty from 7th March 2016 to 9th March 2016. in BVRITH and around 50 people participated from different colleges of the Group of institutions.
- ◆ A Two day National Seminar was conducted by BS&H Department of BVRITH in association with ELT@I Hyderabad Chapter on "Language, Literature, Linguistics – Latest Learning Trends and Technologies in English" on 1st & 2nd April 2016.
- ◆ One day IoT Hackathon was conducted on 20th February in BVRIT HYDERABAD,
- ◆ A two day workshop on IoT was conducted for III year students by Idea Labs on 11<sup>th</sup> and 12<sup>th</sup> April 2016. Mr.Venkata Ramana Reddy, Asst. Professor, EEE Dept coordinated the event.
- ◆ Principal and Management of BVRITH felicitated Dr. J. Srinivas, Associate Professor, EEE department for complet-

## Students Achievements

- ◆ Lakshmi Mounica Gogineni was awarded 'Promising Young Engineer' of 2012-16 Batch.
- ◆ Y. Chandralekha was awarded the 'Best Player of the Sports Meet' in the National level Inter Engineering Collegiate Sports meet "NYPUNYA-2K16" which was held on 15th & 16th March, 2016.
- ◆ P. Pooja Reddy, J. Sravana Kalyani and G.T.Laxmi Sharanya of II EEE were the **First Prize** winners of the Technical Quiz conducted as part of Medhanwesh'16.
- ◆ D.Sowmya of II EEE won **First Prize** in the circuit challenge conducted as part of Medhanwesh'16.
- ◆ L. Manisha and P. Nishitha of III EEE were the **First Prize** winners of Eco friendly / Best out of Waste Item Exhibition conducted as part of Medhanwesh'16.
- ◆ G.T.L. Sharanya and J. Kalyani of II EEE became the **Second Prize** winners of Eco friendly / Best out of Waste Item Exhibition conducted as part of Medhanwesh'16.
- ◆ G.T.L. Sharanya of II EEE designed the Cover Page of Technical Magazine of BVRITH 'B-SMART'.
- ◆ I.Alekhyia and K. Navya of IV EEE were selected for a 40 day training session on 'Networking' in HCL, Ameerpet.
- ◆ K.Bhargava Ravali, K.Ramya, and P.Swathi of III EEE were selected for internship in Talent Sprint, on the project called Gallery Application,
- ◆ N.Nikitha of III EEE has written a Telugu poem for 'Cash' programme in E TV, which was telecasted on 23<sup>rd</sup> January 2016.
- ◆ P.Swathi and Ch. Renuka Devi of III EEE won a cash award of Rs.500/- as **Third prize** in the Paper presentation on the topic 'Electronic Transformers' in ELOQUENCE'16, National Level Symposium organized by JBIET on 22-01-16.
- ◆ B.Divya Rani, student of II EEE, won **Second Prize** in 'Presentimi', conducted at Matrusri Engineering College, as a part of 'SADHYA', the National Level Tech Fest.
- ◆ The project exhibited by the student batch consisting of D.Sree Sowmya, B.Shravani and A.Uma Shankari on 'Auto night lamp using high power LEDs' bagged **Third Prize** in 'Circuit Innovation Challenge (Project Exhibition) in BVRIT, Narsapur on 31-3-16.

- ◆ 5 student batches got consolation prizes in 'Circuit Innovation Challenge (Project Exhibition)' in BVRIT, Narsapur on 31-3-16.

- ◆ Mr. Guruswamy Revana, Asst. Professor, EEE Dept along with few students visited 'Varun Autism Reach Society' as a part of ATL activities on 23-4-16.

## Internships

- ◆ P.Sanjana of IV EEE got selected for an internship in ADP starting from December 2015, which continued till June 2016.
- ◆ A. Jyothi of IV EEE did an internship in Vasishta Enterprise solutions starting from January 2016 which continued till April.
- ◆ V.Himaja of III EEE completed her internship in Ordinance Factory during 09-03-2016 to 23-03-2016.

S. No.	Roll No.	Name of the student	Name of the Industry / Organization	Duration	
				From	To
1	14WH1A0236	A.Uma Shankari	DRDO Research Center.Imarath	04-06-2016	30-6-2016
2	15WH5A0206	A.Divya	BHEL, Hyderabad	24-5-2016	07-6-2016
3	14WH1A0232	K.Priyanka		28-5-2016	11-6-2016
4	14WH1A0224	G.Sai Sree		28-5-2016	11-6-2016
5	14WH1A0223	D.Mamatha	Nagarjuna Sagar Left Canal Power House	28-5-2016	11-6-2016
6	14WH1A0248	D.Sree Sowmya	BHEL, Hyderabad	28-5-2016	11-6-2016
7	14WH1A0222	G.T.L.Saranya			
8	14WH1A0201	B.Divya Rani			
9	14WH1A0203	T.Sai Rakshitha	BHEL, Hyderabad	24-5-2016	07-6-2016

- ◆ B. Preethica got admission in MS Program in a reputed University in Italy.
- ◆ G. Lakshmi Mounica of IV EEE along Mr. R Guruswamy, Assoc. Prof., EEE presented a paper on 'Simulation and Comparison of Boost Converter of a photo voltaic system for Maximum Power point Tracking' in ICETEAMC-2016on 13<sup>th</sup> May 2016 at TAJ 3-STAR hotel, Secunderabad.
- ◆ The following 10 students participated in "hackathon and internship" held on 10<sup>th</sup> and 11<sup>th</sup> (BVRITN) and on 12<sup>th</sup> (BVRITH) June 2016.

Penmetsa Jeevitha Sai Akhila (13WH1A0203)  
 Gunturi Sanjana Devi (13WH1A0215)  
 Begari Vani (13WH1A0202)  
 Adey Ankitha (13WH1A0223)  
 Jesta Mrudula Rani (13WH1A0225)  
 Mohd Tasleema (13WH1A0229)  
 Kattumoori Baby Lakshmi (13WH1A0207)  
 K Jhansi (13WH1A0214)  
 Mankala Sindhuja (13WH1A0230)  
 Chilmoju Ramya (13WH1A0252)

## Industrial Visits

- ◆ An industrial visit was arranged for II EEE students to 132KV/33KV Substation in the Ordinance Factory Campus, Yeddumailaram on 10-3-16. 3 faculty members from EEE Ms. Babita Gupta, Ms. Sujatha and Ms. Amritha, along with Mr. Narasimha Ramulu, Lab Assistant, accompanied the students.
- ◆ III EEE students were taken on Industrial visit to Central Power Research Institute (CPRI), Uppal, on 11-3-16. Three faculty members from EEE (Mr. Sandeep, Ms.Subhashitha and Mr.Guruswamy) along with Mr. P.L.Srinivasa Rao, Lab Assistant, accompanied the students.

## Placements

- ◆ A. Jyothi and T Pranitha got selected in IVTL held on 19<sup>th</sup> and 20<sup>th</sup> January 2016.
- ◆ P.Sanjana of IV EEE got selected for an internship in ADP.
- ◆ P.Sowjanya of IV EEE was placed in LEO ADV.
- ◆ A.Anusha of IV EEE was placed in Appstek.
- ◆ I.Alekhyia of IV EEE was placed in TCS.
- ◆ T.Sindhujia of IV EEE got placed in 'Schneider Electric' held at SVCW, Bhimavaram held on 8th and 9th April 2016.
- ◆ V.Swathi and J. Geetha of IV EEE received call letter from Hindusthan Global Services.
- ◆ Three students of III year EEE ( K.Bhargava Ravali, K.Ramya and K.Sravani) 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.

## Faculty Achievements

- ◆ 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. Guruswamy Revana, Assoc. Professor, EEE Department, presented a paper on '**Paradigms in Engineering and Technology**' (ICPET-2016) in an International conference organized by Methodist College of Engineering and Technology on 2<sup>nd</sup> and 3<sup>rd</sup> March 2016.

- ◆ Mr. G.Sandeep, Asst. Professor in EEE Dept presented a paper in IEEE International Conference on Electrical, Electronics & optimization Techniques (ICEEOT) at DMI College Of Engineering, Chennai on March 3<sup>rd</sup> 2016 on the topic "**Optimal Combination and Sizing of a standalone hybrid power system using Homer Pro**".
- ◆ Mr.Guruswamy Revana, along with the Final year EEE student Lakshmi Mounica participated in ICETEAMC-2016 and presented a paper on '**Simulation and Comparison of Boost Converter of a photo voltaic system for Maximum Power point Tracking**' on 13<sup>th</sup> May 2016 at TAJTRI-STAR hotel, Secunderabad.

## Academic Result

- ◆ Fourth Year Second Semester Toppers for 2012 Batch.



Illuri Alekhya  
(88.71%)  
12WH1A0221



G Lakshmi Mounica  
(87.86%)  
12WH1A0219



Adivelli Jyothi  
(87.29%)  
12WH1A0204

- ◆ Third Year Second Semester Toppers for 2013 Batch



Sudeepthi Talla  
(80.93%)  
13WH1A0253



Adey Ankitha  
(79.47%)  
13WH1A0223



P Deepika  
(77.33%)  
13WH1A0245

◆ Second Year Second Semester Toppers for 2014 Batch

◆ First Year Topper for 2015 Batch



D Sowmya  
(89.33%)  
14WHIA0231



B Shravani  
(80.67%)  
14WHIA0247



P Pooja Reddy  
(79.6%)  
14WHIA0219



Uponika Baramon Roy  
(85.20%)  
15WHIA0212



V Sai Meghana  
(83.50%)  
15WHIA0245



R Vyshnavi  
(83.4%)  
15WHIA0213

## Placements for 2012 Batch

**ADP**

**Bosch**

**Genpact**

**IVTL**

**Appstech**



12WHIA0250  
P Sanjana



12WHIA0219  
G Laxmi Mounica



12WHIA0256  
Thota Pranitha



12WHIA0256  
Thota Pranitha



12WHIA0204  
A Jyothi



12WHIA0203  
A Anusha

**HGS**

**ICICI**

**Leo Adv**



12WHIA0220  
Jaligama Geetha



13WH5A0205  
V Swathi



12WHIA0212  
Donthi Saroja



12WHIA0216  
B Priyanka



12WHIA0238  
M Swathi



12WHIA0244  
P Sowjanya

**Schneider**

**Qnovon**

**Wipro**

**TCS**

**greedIT**

**Global Tree**



12WHIA0255  
T Sindhuja



12WHIA0209  
CH Venkata Tejaswini



13WH5A0204  
N Sowmya



12WHIA0221  
I Alekhya



12WHIA0221  
I Alekhya



12WHIA0201  
Abdul Razak Nusrath