

# 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.



## BVRIT HYDERABAD College of Engineering for Women



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## Department of Electrical & Electronics Engineering

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Dr Ch Sunil Kumar  
Professor & HoD  
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### Editorial Board:

1. Dr. Ch Sunil Kumar, HOD & Prof, EEE
2. Mr M Rupesh, Asst. Prof. EEE
3. Dr. S Faith Manjusha Vijayalatha, Asst. Prof. BS&H
4. V Sai Meghana EEE, 3rd Year
5. B Preethi 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.

## Events organized

### Guest Lectures

- ◆ A Guest Lecture was given by Ms. Indira Das, Environment Educationist on 'Science & Technology for Sustainable Future' for all the first year students in the occasion of National Science Day on 28<sup>th</sup> February 2018.
- ◆ A Guest lecture on 'Skill Development' was presented by Vamsi Krishna of Dhanush Enterprises, Sector of National Skill Development Corporation, for the II EEE students on 29<sup>th</sup> March 2018.

### Workshop

- ◆ BVRITHYDRABAD College of Engineering for Women hosted the International Conference on **Entrepreneurship and Technology (ICET)** in collaboration with **The American Business School Paris and BRCORP**, Hyderabad on 3<sup>rd</sup> & 4<sup>th</sup> March 2018.



- ◆ Make-A-Thon Hackathon and Smart Idea Challenge were conducted by the department in A Two day National level Technical fest Medhanvesh-2K18, conducted on 24<sup>th</sup> and 25<sup>th</sup> January 2018.



- ◆ A Three day workshop on **Cyber Security and Malware Analysis** was conducted for EEE Students from 07<sup>th</sup> march 2018 to 9<sup>th</sup> March 2018.



- ◆ A Technical Event **Enact Scene** was conducted for the II EEE Students under the departmental technical association Deeptha on 03<sup>rd</sup> February 2018.
- ◆ **Group discussion** was conducted for EEE Students under the departmental technical association Deeptha on 23<sup>rd</sup> March 2018.

## Students Achievements

- ◆ Y.Sreenidhi, T.Srihitha and P.Divya of II EEE won **First Prize** in Make-a-thon, for implementing a prototype on 'Automatic Watering of plants' in Medhanvesh 2018 on 24<sup>th</sup> and 25<sup>th</sup> of January 2018 .
- ◆ Sai Meghana of III EEE completed the online course "Mobile Robotics" Conducted by 'Swinburne University of Technology' through open2study.com on February 6<sup>th</sup>, 2018.
- ◆ S. Malleswari, III EEE student, won **Second Prize** in Music competition in 'Sruthi' conducted in CBIT on 23<sup>rd</sup> February 2018.
- ◆ D.Santoshi, Y Roshini, T. Namratha, G. Keerthi, M. Hari Priyanka and A Sumitra Sai were selected for the **Grand Finale of Smart India Hackathon 2018** for proposing a solution for the problem "Power Customer Interaction" under the mentoring of M Sudheer Kumar, Asst. Prof. EEE on 30<sup>th</sup> and 31<sup>st</sup> March 2018 at Kurnool, AP
- ◆ Uponika Barmon Roy, V Sai Meghana, Harini Kavadi, T Sushmitha, G Nitisha, and R Meena of EEE are short listed **Grand Finale of Smart India Hackathon 2018** for proposing a solution for the problem "Power or Water Consumption in the Office, Schools, Hotels and Facilities" under the mentoring of A Venkata Ramana Reddy, Asst. Prof. EEE. on 30<sup>th</sup> and 31<sup>st</sup> March 2018 at Kurnool, AP
- ◆ Tummala Sriyanka Sai, B. Nikitha, R Mounika, S.Piyanka, S.Akhila, and V Niharika of EEE are short listed for **Grand Finale of Smart India Hackathon 2018** for proposing a solution for the problem "Identification of power outage and tracking of improvement of Infrastructure" under the mentoring of Dr. Ch. Sunil Kumar, Prof. and HOD, EEE on 30<sup>th</sup> and 31<sup>st</sup> March 2018 at Kurnool, AP.
- ◆ U.Rohini and S.Priyanka of II EEE won **Second Prize** and a cash prize of Rs.1000/- in paper presentation in the Inter-college Tech Fest conducted by JNTUH on 14<sup>th</sup> and 15<sup>th</sup> March 2018.

- ◆ Rakshitha, Divya, Shruthi Meghana, of II-EEE won the **Second Price** with cash price of Rs.1000/- for presenting Project titled “ Smart Engine Locking System Based on drunk and Drive” in march 2018.

- ◆ T.Divya, student of III EEE gave a talk on ‘Real time monitoring system using wireless network for mine safety’ at **FOSSASIA 2018** in Life-Long Learning Institute, Singapore-summit, from 22<sup>nd</sup> to 25<sup>th</sup> March 2018.

- ◆ K.Preethi Balakishan of II EEE won **3<sup>rd</sup> prize** by exhibiting the hardware project ‘Automatic Solar Tracker’ in Srujana 2K18’ at VBIT conducted by ABVP, ‘from 30<sup>th</sup> March to 1<sup>st</sup> April 2018,

- ◆ D.Sowmya, K.Priyanka and G.Ashasri of IV EEE presented a paper on ‘**Design of Transformer-Less Dc to Ac Converter Using PWM Technique with the analysis of Various Filters**’ in the National Level conference RAPIDIT-18, in BVRIT Narsapur on 21<sup>st</sup> April 2018.

- ◆ K. Harichandana and T.Harika of IV EEE presented a paper on ‘**Voltage Stability Analysis Using PV and QV Curves**’ in the National Level conference RAPIDIT-18, in BVRIT Narsapur on 21<sup>st</sup> April 2018.

- ◆ V.Sai Meghana and T.Sushmitha of III EEE participated in IIT Hackathon conducted by Elan & nVision and developed the prototype of an efficient ‘**Energy Management system**’, on 9<sup>th</sup> and 10<sup>th</sup> of February 2018.

- ◆ M.Vandana and G.Divyavani of III EEE, participated in SMC Hackathon conducted by ISB and developed the prototype of ‘**IOT based Smart Parking System**’, on 9<sup>th</sup> and 10<sup>th</sup> of February 2018.

- ◆ Ms. D Soumya of 2014-18 batch received **Best Student Academic Performer Award** from stuMagz - A Product of Right Process Infotech Pvt Ltd on 24<sup>th</sup> March, 2018.

- ◆ V. Niharika of II EEE participated in ‘Eloquence-2018’, The Annual Conference of District 98-Toastmasters International, at Hyderabad International Conventional Centre. Eloquence-2018’ is India’s Largest Impromptu Speech Relay which was an attempt for **Limca Book of Records**. on 19<sup>th</sup> May 2018.

## Industrial Visits

- ◆ III EEE Students visited HBL Power Systems as a part of Industrial visit along with Mr. R Guruswamy, Assoc. Prof. Ms. B Sujatha and Ms. K Bhavya Asst. Prof. of EEE Systems on 22<sup>nd</sup> February 2018.

## Internships

- ◆ B Divya Rani of IV EEE was selected for a paid internship for Latent view with a pay package of 18,000/- from 03<sup>rd</sup> January 2018 to 31<sup>st</sup> March 2018.

S. N	Roll No.	Name of the student	Name of the Industry / Organization	Duration	
				From	To
4	14WH1A 0223	Ma-matha Dheera-vath	Technology Division of Basha Research Corporation (BRCORP)	08.01.18	10.02.18
5	14WH1A 0227	Poojitha Penu-macha			
6	15WH5 A0204	Ramya Saini			
7	14WH1A 0244	Rani Bololla			
8	15WH5 A0208	Sashi Rekha Kadiri			
9	15WH5 A0209	Sravanthi Mail-aram			
5	15WH1A 0241	K.Hima bindu	NTPC Limited, Ramagundam	16.01.18	30.01.18

## Placements

- ◆ G.Mallika of IV EEE selected for **Just Dial** on 16<sup>th</sup> January 2018.

- ◆ G.Mallika and Sarvani of IV EEE selected for **Q-Spiders** on 10<sup>th</sup> January 2018.

- ◆ K.Sasirekha, Ramya Saini, B.Rani, Srivani, and Sravanthi of IV EEE selected for ‘HRHNext’ on 28<sup>th</sup> February 2018.

- ◆ P. Sunanda of IV EEE selected for HR Communication on 25<sup>th</sup> February 2018.

- ◆ 2 Students of IV EEE were selected for Cognizant on 07<sup>th</sup> July 2018.

- ◆ 5 students of IV EEE Selected for GJS Infra Pvt. Ltd. In the month of June and July 2018.

- ◆ D Sree Sowmya of IV EEE Selected for Alliance groups on 12<sup>th</sup> February 2018.

- ◆ A Divya of IV EEE selected for TSSPDCL on 1<sup>st</sup> June 2018.

# Faculty Achievements

◆ Mr. A.V.Ramana Reddy, Asst. Professor, EEE attended the J-Hub meeting to discuss the activity plan which includes training the students towards entrepreneurship and innovation with Vice Chancellor, Rector and Director of Innovation of JNTUH and Principals/ Coordinators of different colleges on 25<sup>th</sup> January 2018.

◆ Mr. Guruswamy Revana, Assoc. Professor, EEE was invited as a speaker to talk about 'Effective Teaching and Learning Methods using Scientific Educational practices' at FOSSASIA 2018 summit, Singapore from 22<sup>nd</sup> to 25<sup>th</sup> March 2018.

◆ B.Sujatha, Assistant professor in EEE Dept., J. Sravana Kalyani (14WH1A0215) and K.Priyanka(15WH5A0202) Published a paper entitled as "Optimization and performance evaluation of single axis Arduino solar tracker", in the International Journal of Recent and Innovation Trends in Computing and Communication (IJRITCC), ISSN:2321-8169, Vol. 6, Issue 4, April 2018, pp. 16-20, SJIF:5.837.

◆ B.Sujatha, Asst. Professor, EEE, B.Rani, J.Sravana Kalyani and Saini Ramya published a paper titled 'Optimization and performance analysis of single axis solar tracker using MATLAB/SIMULINK software', in the International Journal of Novel Research and Development (IJNRD), ISSN: 2456-4184, Vol.3, No. 4, pp. 77-81 April 2018, IF: 5.57.

◆ Mr. Guruswamy Revana, Assoc. Professor, EEE attended the CII Manufacturing Excellence Study Mission, organized by the Confederation of Indian Industries (CII) on 18<sup>th</sup> & 19<sup>th</sup> January 2018 at Bangalore and visited Volvo Construction Equipment Ltd, Bosch Ltd, & Taegutec India Pvt. Ltd.

## ◆ Third Year Second Semester Toppers for 2015 Batch



A Babitha  
(69.47%)

15WH1A0217



V Saimeghana  
(66.13%)

15WH1A0245



G Pravallika  
(65.5%)

15WH1A0232



S Triveni  
(65.5%)

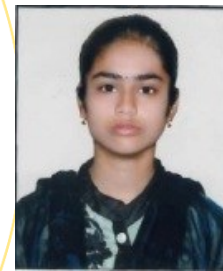
16WH5A0203

## ◆ Second Year Second Semester Toppers for 2016 Batch



K Ravyasree  
(7.5)

16WH1A0219



T Namratha  
(7.5)

16WH1A0253



K Preethi  
(7.33)

16WH1A0223



A Supraja  
(7.21)

16WH1A0202



A Srinija  
(7.21)

16WH1A0220

## ◆ First Year Second Semester Topper for 2017 Batch



T Srihitha  
(9.13)

17WH1A0249



M Likitha  
(8.96)

17WH1A0210



B Prasanna  
Lakshmi  
(8.96)

17WH1A0253



M Kavya  
(8.83)

17WH1A0260

# Academic Result

## ◆ Fourth Year Second Semester Toppers for 2014 Batch.



D Sowmya  
(79.87%)  
14WH1A0231



B Sravani  
(77.87%)  
14WH1A0247



G Mallika  
(77.33%)  
14WH1A0234

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# Placements for 2014 Batch

**Just Dial**



14WH1A0234  
G Mallika

**Q-Spider**



14WH1A0234  
G Mallika

**Cognizant**



14WH1A0242  
K Sarvani



14WH1A0234  
G Mallika

**HR Comm.**



14WH1A0242  
K Sarvani



14WH1A0202  
P Sunanda

**HRH Next**



14WH1A0226  
P Srivani



14WH1A0244  
B Rani



15WH5A0204  
Saini Ramya



15WH1A0208  
K Sasi Rekha



15WH5A0209  
M Sravanthi



14WH1A0248  
D Sree Sowmya

**Alliance Group**

**GJS Infra Pvt. Ltd.**

**TSSPDCL**



14WH1A0211  
G Asha Sri



14WH1A0227  
P Poojitha



14WH1A0240  
S Akhila



14WH1A0241  
G Swetha



15WH5A0207  
G Swathi



15WH5A0206  
A Divya

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