

# 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

July 2017,  
Volume 4, Issue 2,

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.

*...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



Mr. M Rupesh  
M.Tech, (Ph.D)  
Assistant Professor  
DoJ: 23rd January 2017



Mr. Ch Santosh Kumar  
M.Tech, (Ph.D)  
Assistant Professor  
DoJ: 30th January 2017

## Events organized

### Guest Lectures

- ◆ A Guest Lecture on 'Solar Cell Technology' was conducted by Dr. Sarita Zele, Professor and Chief Technology Officer, National Centre for Photovoltaic Research and Education, IIT Bombay on 3<sup>rd</sup> January 2017.

### Workshop

- ◆ Two day workshop on Design and hands on making of transformers was conducted for II-EEE Students by Mr. Sudheer Kumar, Assistant Professor on 06<sup>th</sup> and 07<sup>th</sup> January 2017 under the student technical association IE(I).



ary 2017 under the student technical association IE(I).

- ◆ A One day Workshop on SCI-PY Satellite was conducted by IIT Bombay on 10<sup>th</sup> February 2017 under the student technical association ISTE.
- ◆ Project Expo, Quiz, Circuit Challenge and Paper presentations were conducted as a part of Two days National level Technical fest Medhanvesh-17 on 22<sup>nd</sup> and 23<sup>rd</sup> February 2017.



- ◆ A One week workshop on MATLAB/Simulink was conducted for Final Year EEE Students by Mr. A V Ramana Reddy and Mr. Santosh Kumar Assistant Professors in EEE department from 29<sup>th</sup> May 2017 to 03<sup>rd</sup> June 2017 under the Students technical association IE(I).



## Students Achievements

- ◆ Shravani and M.Vyshnavi of II EEE won **Gold medal** in Volleyball competition **Sports Bout - 2K16** at Anurag Group of Institutions held on 2<sup>nd</sup> and 3<sup>rd</sup> January 2017.
- ◆ Shravani and M.Vyshnavi of II EEE won **First place** in Volleyball, in the **State Level Engineering Colleges Sports Meet (TECHTROPHY-2K17)** in Mallareddy Engineering College for Women on 7<sup>th</sup> and 8<sup>th</sup> of January 2017.
- ◆ Shravani and M.Vyshnavi of II EEE won **Second Place** in Throwball in the **State Level Engineering Colleges Sports Meet (TECHTROPHY-2K17)** in Mallareddy Engineering College for Women on 7<sup>th</sup> and 8<sup>th</sup> of January 2017.
- ◆ Shravani and M.Vyshnavi of II EEE won **Second place** in KHO-KHO in the **State Level Engineering Colleges Sports Meet (TECHTROPHY-2K17)** in Mallareddy Engineering College for Women on 7<sup>th</sup> and 8<sup>th</sup> of January 2017.
- ◆ Divya Tadi of II EEE Won **Second Prize** for presenting a paper in FUTURESASTRA (TechnoFest) in Mallareddy Engineering College for Women on 7<sup>th</sup> January 2017
- ◆ Nithisha.G and R.Meena of II EEE won **Second Prize** for presenting a Paper on the topic 'WITRICITY' in GRIET on 19<sup>th</sup> January 2017.
- ◆ S.Shravani, P.Sanjana and M.Vyshnavi of II EEE won **Gold medal** in the sports meet SANGRAM-2K17', at HITAM College on 20<sup>th</sup> January 2017.
- ◆ T.Gayathri, Md. Afreen Ibrahim, J. Sravani and Pooja Aparna of II EEE won II prize in HACKATHON on 'Smart City' conducted in BVRITH on 10<sup>th</sup> and 11<sup>th</sup> of February .
- ◆ G.T.L. Saranya and B. Shravani of EEE won **Second Prize** in Paper presentation on the topic, 'Brushless DC Motor' in Medhanwesh-2017 in BVRITH on 22<sup>nd</sup> and 23<sup>rd</sup> of February 2017.

## Industrial Visits

- ◆ A Visit and a guest lecture on 'Solar Cell Technology' was arranged III EEE students at 'Surabhi Educational Society' . by Dr. Sarita Zele, Professor and Chief Technology Officer, National Centre for Photovoltaic Research and Education, IIT Bombay attended was the speaker on 3<sup>rd</sup> January 2017.

## Internships

- ◆ K Ramya of IV EEE is selected for a paid internship in ggk Technologies, Hyderabad with a payment of 20,000/- per month from 12th December 2016 to 12th June 2017.
- ◆ P Swathi of IV EEE is selected for a paid internship in Byju's, Mysore with a payment of 20,000/- per month from 6th February 2017 to 23rd March 2017.
- ◆ K Hemalatha of IV EEE is selected for a paid internship in Seneca global with a payment of 10,000/- per month from 2nd February 2017 to 30th April 2017.

- ◆ G. Mallika and Apoorva of III EEE and Uponika Barman Roy of II EEE won **First Prize** in Q- Fiesta, The technical Quiz, in Medhanwesh-2017 conducted in BVRITH on 22<sup>nd</sup> and 23<sup>rd</sup> of February 2017.
- ◆ Roshini.Y (II EEE) of BVRITH won **First Prize** and Ashritha.B (II EEE) of BVRITH won the **Second Prize** in Best out of Waste, in Medhanwesh-2017 conducted in BVRITH on 22<sup>nd</sup> and 23<sup>rd</sup> of February 2017 ,
- ◆ Aruna.P (III EEE) of BVRITH won **First Prize** In Origami Craft, in Medhanwesh-2017 conducted in BVRITH on 22<sup>nd</sup> and 23<sup>rd</sup> of February 2017.
- ◆ K. Sahithi and P.V. Sindhuja of II EEE presented a paper on 'Magneto Hydro Dynamic Power Generation' and won **Second** prize in the Technical Fest at Mahaveer Institute of Engineering and Technology on 3<sup>rd</sup> March 2017.
- ◆ T.Divya of II EEE presented a paper on 'Smart Grid' and won **Third** prize in the Technical Fest in Mahaveer Institute of Engineering and Technology on 3<sup>rd</sup> March 2017.
- ◆ Shravani and M.Vyshnavi of II EEE won Gold medal in the National Tournament held in Gudlavaleru Engineering College, Vijayawada.
- ◆ Bhargava Ravali of IV EEE is selected as the 'Young Promising Engineer' from EEE Department and was awarded on Annual Day.
- ◆ B.Divyarani and Lakshmi Saranya of III EEE were part of the Smart- India Hackathon team which was appreciated by the Chairman of SVEC , Mr.K.V.Vishnuraju. They were awarded with appreciation letters and cash prizes on 06<sup>th</sup> April 2017.
- ◆ J.Sravana Kalyani of III EEE published a paper entitled 'Apricitas Umbrella' in the 'International Journal of Engineering Trends and Technology, Volume 46 issued on 1<sup>st</sup> April 2017.
- ◆ S.Shravani and K.Pranathi won First Prize for Presenting a paper in BVRIT Narsapur.
- ◆ Ashritha and Sucharitha won First Prize for Presenting a poster in BVRIT Narsapur.
- ◆ P.Sindhuja and K.Sahithi won First Prize for Green Paper Presentation in BVRIT Narsapur.
- ◆ K.Sahithi and P.Sindhuja won Third Prize for Presenting a poster in BVRIT Narsapur.

S. No	Roll No.	Name of the student	Name of the Industry / Organization	Duration	
				From	To
1	13WH1A 0252	Ch.Ramya	Schneider Electric	Mar ch 201 7	April 2017
2	14WH5A 0210	R Swetha Kulkarni			
3	14WH5A 0206	P. Meena			
4	14WH5A 0205	S. Pranaya			
5	14WH5A 0203	M. Sai Naga Lahari			
6	14WH5A 0209	T.S.Avanthi			
7	14WH1A 0225	A.Jeevana	Reach Cyber Technologies	16-6-2017	17-7-2017
8	14WH1A 0204	M.Aravinda			

9	14WH1A0 201	Divya Rani	Amazon, Hyder- abad	6-10- 2016	16-4-17	3	15WH1A 0204	P. Indusri	Ko- thagude m Power Station, V & VI Stage, Pal- vancha	31-05- 17	14- 06-17	
10	14WH1A0 219	Pooja Red- dy				3	5	15WH1A				B. Prasanna
11	14WH1A0	P.Sravya				3	6	15WH1A				M. Harsitha
12	14WH1A0 231	D.Sowmya				3	7	15WH1A				B. Anjali
13	14WH1A0 223	D.Mamath a				3	8	15WH1A 0226				Y. Swapna
14	14WH1A0 255	J. Tara	TRANS- CON In- dustries	20-05- 17	03-06- 17	3	9	15WH1A 0214	V. Roja Ra- mani	Ord- nance factory, Medak	20- 06-17	05- 07-17
15	14WH1A0 242	K. Sarvani				4	0	15WH1A	N. Mounika			
16	15WH1A0 225	D.Srija	V.V.E.Tra nsformers , Patanche- ru	06/03/2 017	18/0 3/20 17	4	1	15WH1A	K. Gireesha			
17	15WH1A0 210	K. Sruthi,				4	2	15WH1A 0223	M. Sri Vaish- navi			
18	15WH1A0 240	P.Mounika										
19	15WH1A0	N.Mounik										
20	15WH1A0	K.S.S.Malle										
21	15WH1A0	O.Prasann										
22	16WH5A0 201	Sucharitha	Renewsys Pvt.Ltd	06/03/2 017	18/0 3/20 17							
23	15WH1A0 229	Susmitha										
24	15WH1A0	P. Indusri										
25	15WH1A0 213	R.Vyshnavi										
26	16WH5A0 204	Divyavani										
27	15WH1A0 209	K. Sahithi										
28	15WH1A0	P.V. Sind-	Sreshta Industrial Detail Engineer- ing Ser- vices Pvt. Ltd	14-06- 17	24- 06- 17							
29	15WH1A0 221	M. L. Triju- tha										
30	15WH1A0	D. Srija										
31	15WH1A0	A. Babitha										
32	15WH1A0	P. Pooja										
33	15WH1A0 213	R. Vyshna- vi										

## Placements

- ◆ A.Pavani of IV EEE selected for 'Genpact' on 10<sup>th</sup> January 2017.
- ◆ K Sai Srimai of IV EEE placed in Urjanet. on 27<sup>th</sup> January 2017.
- ◆ P Swathi of IV EEE Selected for Byju's on 6<sup>th</sup> February 2017.
- ◆ Y.Manasa of IV EEE placed in CYIENT. on 13<sup>th</sup> February 2017.
- ◆ Y.Manasa of IV EEE placed in Torry Harries on 16<sup>th</sup> February 2017.
- ◆ P Swathi of IV EEE Selected for ZOHO on 17<sup>th</sup> February 2017
- ◆ M.Tasleema placed in CDK Global on 21<sup>st</sup> April 2017.
- ◆ B. Rajeswari, T.Anjani, B.Vani and T.S.Avanthi of IV EEE got selected for QSpiders on 29<sup>th</sup> April 2017.

## Faculty Achievements

- ◆ Ms. B.Sujatha, Asst.Professor, EEE attended a workshop on 'Solar Pro software' at NSIC- Technical Service Centre, Hyderabad on 20<sup>th</sup> and 21<sup>st</sup> of January 2017.
- ◆ Ms. B.Sujatha, Asst.Professor, EEE attended R & D conclave on 'Challenges and Opportunities in Research and Development for Power and Energy' at CBIT, Hyderabad from 1<sup>st</sup> to 3<sup>rd</sup> of February 2017.
- ◆ Mr. Guruswamy Revana, Assoc. Professor, EEE attended a National Level Seminar on 'Implantable Hearing Solutions-2017' arranged by SAHI on 4<sup>th</sup> February 2017.

- ◆ Mr. A. Venkata Ramana Reddy, Asst. Professor, EEE, along with Mr. S. Jagapathi Reddy, Placement Manager, BVRITH attended Industry-Academia meet conducted by UPTEC, Idealabs Ltd., @ T-HUB, IIIT Hyderabad on 14<sup>th</sup> February 2017.
- ◆ Mr. A. Venkata Ramana Reddy, Asst. Professor, EEE attended a one day IOT workshop on WYZBEE conducted by JNTU Hyderabad on 16<sup>th</sup> February 2017.
- ◆ Mrs. Amritha.K, Asst. Professor, EEE accompanied the students of 2014 batch EEE while attending a training in 'Intellectual Learning in Engineering Applications' in VEDIC from 1/3/17 to 4/3/17.
- ◆ Ms. B. Sujatha, Asst. Professor in EEE Dept attended one week FDP on 'Data Science and Big Data Analytics', organized by IT Department from 6<sup>th</sup> to 11<sup>th</sup> of March 2017.
- ◆ Dr. Ch. Sunil Kumar, Professor and HOD-EEE and Mr. A. Venkata Ramana Reddy, Assistant Professor, EEE Dept., went to SVCW, Bhimavaram, for placement meeting on 17<sup>th</sup> March 2017.
- ◆ Mr. G. Sandeep, Assistant Professor, EEE Dept accompanied 6 students of IV EEE to SVCW, Bhimavaram, for placement drive of Nestle Ltd., on 17<sup>th</sup> March 2017.
- ◆ Mr. R. Guruswamy, Associate Professor, EEE Dept, along with 2 students of BVRITH, went to Singapore on invitation, as a speaker in 'FOSSASIA'- Asia's Open Tech Summit, which is scheduled from 17<sup>th</sup> to 19<sup>th</sup> March 2017. He delivered a presentation on 'Developing Learning Tools for Hearing Impaired Children by using open-source web application'.
- ◆ Mr. R. Guruswamy, Associate Professor, EEE Dept attended Global Academic Conference 2017 organized by the SSR Scholars Group in PENANG, Malasia, on March 22<sup>nd</sup> & 23<sup>rd</sup> 2017.
- ◆ Mr. R. Guruswamy, Associate Professor, EEE Dept attended International Conference on Green Energy and Applications (ICGEA2017) held in Nanyang Technological University, Singapore during March 25-27, 2017.
- ◆ Mr. G. Sandeep, Asst. Professor in EEE Dept, attended a workshop on IOT on 24<sup>th</sup> and 25<sup>th</sup> March 2017 in JNTU, Vizianagaram.
- ◆ Mrs. S. Kiranmai, Asst. Professor in EEE Dept, attended the workshop on 'Scientific Educational Practices' from 30<sup>th</sup> March to 1<sup>st</sup> April 2017.
- ◆ Mr. Guruswamy Revana, Assoc. Professor, EEE, went to VEDIC as a trainer for SEP on 6<sup>th</sup>, 7<sup>th</sup> and 8<sup>th</sup> of April 2017.
- ◆ Mr. M. Rupesh, Asst. Professor in EEE Dept, attended Pre-PhD exams in VTU, Belgham, Karnataka.
- ◆ Mr. A. Venkata Ramana Reddy, Ms. B. Sujatha and Ms. K. Amritha, Asst. Professors in EEE Dept, attended the MATLAB Expo workshop on 27<sup>th</sup> April 2017.
- ◆ Mr. G. Sandeep and Mr. M. Rupesh, Asst. Professors in EEE Dept attended Scientific Educational Practices' workshop in VEDIC from 27<sup>th</sup> April 2017 to 29<sup>th</sup> April 2017.
- ◆ Mr. Guruswamy Revana, Assoc. Professor, EEE, went to VEDIC as a trainer for SEP on 27<sup>th</sup> April 2017.
- ◆ Dr. Ch. Sunil Kumar, Professor and HOD-EEE along with Ms. K. Bhavya and Ms. B. Sujatha, Asst. Professors in EEE Dept attended a talk by Prof. Madhavan Swaminathan (Georgia Tech, Atlanta, USA) and Prof. Sivakumar Krishnan (Purdue University, USA), on 13<sup>th</sup> May 2017.
- ◆ Ms. N. Siva Gowri, Asst. Professor in EEE Dept, got relieved from her duties on 29<sup>th</sup> April 2017.

# Academic Result

◆ First Year Second Semester Topper for 2016 Batch

◆ Fourth Year Second Semester Toppers for 2013 Batch.



K Bargava Ravali  
(75.29%)  
13WH1A0201



K Priyanka  
(75.29%)  
13WH1A0222



T Srihitha  
(9.29)  
16WH1A0250



A Spuraja  
(8.79)  
16WH1A0202



T S Avanthi  
(74.29%)  
14WH5A0209



V Himaja  
(73.86%)  
13WH1A0213



K Ravya Sree  
(8.50)  
16WH1A0219



T Namratha  
(8.50)  
16WH1A0253



Y Sreenidhi  
(8.50)  
16WH1A0257

◆ Third Year Second Semester Toppers for 2014 Batch

## Placements for 2013

### Robosoft



D Sowmya  
(78.13%)  
14WH1A0231



Saini Ramya  
(76.80%)  
15WH5A0204



B Sravani  
(76.00%)  
14WH1A0247



13WH1A0222  
K Priyanka



13WH1A0235  
G Himabindu



13WH1A0246  
CH Ravali

◆ Second Year Second Semester Toppers for 2015 Batch



A Babitha  
(80.93%)  
15WH1A0217



M Vandana  
(77.73%)  
16WH5A0206



M Roshini  
(77.6%)  
15WH1A0249

The Techno Spark

# Placements for 2013 Batch

**Genpact**

**Cuient**

**Urjanet**

**Torry Harries**

**CDK Global**



13WH1A0206  
A Pavani



13WH1A0231  
Y Manasa



13WH1A0204  
K Sai Srimai



13WH1A0231  
Y Manasa



13WH1A0229  
MD. Tasleema

**QSpiders**



13WH1A0202  
B Vani



13WH1A0241  
B Rajeswari



14WH5A0202  
T Anjali



13WH1A0209  
T S Avanthi

**ZOHO**



13WH1A0243  
P Swathi

**Byju's**



13WH1A0243  
P Swathi



...The Techno Spark