

# 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



## 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 2020,  
Volume 7, Issue -1

Dr Ch Sunil Kumar  
Professor & HoD  
Ph: 9440545949

### 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. B Preethi EEE, 4th Year
5. M Sai Rashmitha EEE, 3rd 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, and Accredited with **NBA** for 3 years in the Year 2018. 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 also provides much needed training by industry experts with hands on experience which helps our students to have an edge over others in this competitive world. Currently 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, Measurements, Electrical workshop and Computers labs are 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

- Department of EEE conducted “Student Solar Ambassador workshop 2019-Hands on Training to assemble Solar study lamps” with 450 Students in BVRIT HYDERABAD College of Engineering for Women on 2nd October 2019.



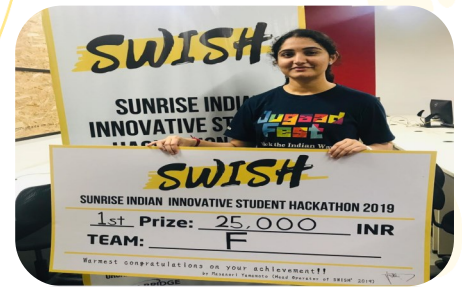
- Department of EEE conducted a Three day Faculty Development program on “Machine Learning and Its Applications” under Department technical Chapters IE(I), ISTE and Deeptha in BVRIT HYDERABAD College of Engineering for Women from 28th September to 30th September 2020



- Department of EEE conducted Technical Event **Ignium** on the occasion of Engineers day Celebrations in association with Department technical Association Deeptha and IE(I) in BVRIT HYDERABAD College of Engineering for Women on **18th September 2019**.
- Department of EEE organized 2-Day workshop on “Future of Drones—The prototype Model Making & Live Streaming” under the department technical Association Deeptha and IE(I) for III EEE Students on 20th and 21st September 2019.
- Department of EEE conducted Technical “**Event Product Launch, Extempore, & Technical Dumb shares**” in association with Department technical Association Deeptha in BVRIT HYDERABAD College of Engineering for Women on **09th November 2019**.

## Students Achievements

- Ms.K.PreethiBalakishan(16WH1A0223),Ms.K.RavyaSree (16WH1A0219)andMs.K.Srinija (16WH1A0220) of III EEE students Won Third prize for Project “Adaptive Air Purifier using Vibration Analysis” on 17th March 2019 in GGK Technologies under the mentorship of Mr.A.V.Ramana Reddy, Assistant Professor and received awarded during the Annual Day of GGK Technologies on 11th May 2019.
- Ms.ModemKavya(17WH1A0260),Ms.MiriyalaVaishnavi (17WH1A0216)andMs.Ch.Manisha(17WH1A0247) of III EEE Students completed NPTEL Online Certification on Control Engineering (Jan-Apr 2019 12 Week course).
- Ms. V. Niharika(16WH1A0248) and team won First prize with 25,000/- cash award at Sunrise Indian Innovative Student Hackathon 2019(SWISH) in Hyderabad on 28th August 2019.



- Ms.A.Vinitha(18WH1A0219) and Ms.Kavya Swamy (18WH1A0233) of II EEE Students awarded first prize during PRAGNYA'19 in Gokaraju Rangaraju Institute of Engineering and Technology, Hyderabad on 20th & 21st September 2019,
- Ms.G.Pratusya(18WH1A0216) and Ms.G.Kavya Sree (18WH1A0220) of II EEE Students awarded second prize during PRAGNYA'19 in Gokaraju Rangaraju Institute of Engineering and Technology, Hyderabad on 20th & 21st September 2019,
- Ms.K.Preethi Balakishan (16WH1A0223) of IV EEE Student won first prize in the event Smart Idea Challenge at Medhanvesh-2019 A National Level students's Tech Fest in BVRIT HYDERABAD College of Engineering for Women, Hyderabad on 3 rd and 4th October 2019,
- Ms.B.Chetana Sri(18WH5A0204) and Ms.N.Manisha (18WH5A0203) won Second price in poster presentation on “Machine Learning and Artificial Intelligence” on IETE Foundation day i.e. 29th October 2019.
- 31 Students of II EEE completed 12 week NPTEL Online Certification Course on “Fundamentals of Electrical Engineering” conducted by IIT, Kanpur on 17th Nov 2019

- Ms. Dhumale Sowmya(14WH1A0231) of BVRIT HYDERABAD College of Engineering for Women, Bachupally has been awarded University Gold Medal for securing first rank in B.Tech (Electrical & Electronics Engineering) among all JNTUH Affiliated Colleges for the academic year 2017-18 and she motivated First year students on 14th August 2019 on how to focus on Academics.
- Ms.N.Aamani(17WH1A0207) of III EEE Student achieved 2196 Rank and awarded for outstanding performance and exemplary contribution on TechGig.com in CAMPUS-CODE STACK 19 Contest conducted on 12th October 2019.
- Ms. M. Divya Manthena(17WH1A0219), Ms. P.Samyukta (17WH1A0215) and Ms. Divya Madhavaram (17WH1A0227) from III EEE students selected for Chattra Viswakarma Award under the mentorship of Mrs.K.Amritha , Associate Professor of EEE Department with proposed solution for “Health Index of a Transformer” on 25th October 2019.
- 73 students from III EEE completed and got On line Certification course on MATLAB ramp in the month of August 2019.

## Industrial Visits:

- II EEE students visited the 34KW Roof Top Solar power plant at BVRIT HYDERABAD College of Engineering for Women, Hyderabad on 17th July 2019.
- III EEE I Semester students along with Mr.G.Sandeep, Ms.K.Amritha, Associate Professors and Mr. T.Ravi Kumar, Lab Assistant from EEE Department Visited “Control and Schematics Limited” , Hyderabad on 31 st August 2019.



## Internships

S. No	Roll No.	Name of the student	Name of the Industry / Organization	Duration	
				From	To
1	16WH1A0209	Ms. D Sripooja	TATA Projects Limited	02-08-2019	30-08-2019
2	18WH1A0252	Ms. V Meghama	Oyster		

## Placements

- Ms.K.Sai Santhoshi Malleswari (15WH1A0228) of 2015 batch student placed in TCS on 14th June 2019.
- Ms.P.Divya (16WH1A0236) of IV EEE placed in TCS Code vita on 11th August 2019.
- Ms. K.Ravyasree(16WHA10219) of IV EEE placed in Infosys on 14th August 2019.
- 14 students from IV EEE placed in TCS -Ninja on 18th August 2019 & 28th August 2019.

S. No	Roll No	Student Name
1	16WH1A0202	Ms.A.Supraja
2	16WH1A0206	Ms.D.Amrutha
3	16WH1A0225	Ms.K.Mounika
4	16WH1A0226	Ms.Sucharitha Kolapally
5	16WH1A0239	Ms.Rakshitha.P.S
6	16WH1A0242	Ms.Sana Arjuman
7	16WH1A0258	Ms. Y.Anna Purna
8	17WH5A0202	Ms. P.Divya Lakshmi
9	16WH1A0203	Ms. Ch Pavitra
10	16WH1A0210	Ms. G Keerthi
11	16WH1A0219	Ms. K Ravyasree
12	16WH1A0220	Ms. K Srinija
13	16WH1A0223	Ms. K Preethi Bala Ishan
14	16WH1A0250	Ms. T Srihitha

- 24 students from IV EEE selected for **Capgemini in on campus Placement drive** which was conducted on 19th and 20th August 2019.

S. No.	Roll No	Name of the Student
1	16WH1A0201	Ms. A Sumitrasai
2	16WH1A0202	Ms. A Supraja
3	16WH1A0203	Ms. Ch Pavitra
4	16WH1A0210	Ms. G Keerthi
5	16WH1A0216	Ms. J Pavithra
6	16WH1A0219	Ms. K Ravyasree
7	16WH1A0220	Ms. K Srinija
8	16WH1A0225	Ms. K Mounika
9	16WH1A0226	Ms. Sucharitha Kolapally
10	16WH1A0228	Ms. K Swathi Angel
11	16WH1A0229	Ms. M Sukruthi
12	16WH1A0233	Ms. N Bhavani
13	16WH1A0236	Ms. P Divya
14	16WH1A0243	Ms. R Preethi
15	16WH1A0245	Ms. S Akhila
16	16WH1A0247	Ms. S Shruthi Meghana
17	16WH1A0250	Ms. T Srihitha
18	16WH1A0252	Ms. T Naga Lakshmi
19	16WH1A0253	Ms. T Namratha
20	16WH1A0257	Ms. Y Srinidhi
21	16WH1A0211	Ms. G Supriya
22	16WH1A0249	Ms. D Sweeya Spandana
23	17WH5A0206	Ms. A Sai Poojitha
24	17WH5A0212	Ms. K Prasuna

- 18 students from IV EEE selected for **Accenture in on campus Placement drive** which was conducted on 24th August 2019

S. No.	Roll No	Name of the Student
1	16WH1A0203	Ms. Ch Pavitra
2	16WH1A0206	Ms. D Amrutha
3	16WH1A0210	Ms. G Keerthi
4	16WH1A0219	Ms. K Ravyasree
5	16WH1A0220	Ms. K Srinija
6	16WH1A0225	Ms. K Mounika
7	16WH1A0226	Ms. Sucharitha Kolapally
8	16WH1A0233	Ms. N Bhavani
9	16WH1A0236	Ms. P Divya
10	16WH1A0239	Ms. P S Rakshitha
11	16WH1A0248	Ms. V Niharika
12	16WH1A0249	Ms. D Sweeya Spandana
13	16WH1A0250	Ms. T Srihitha
14	16WH1A0253	Ms. T Namratha
15	16WH1A0254	Ms. N Maheshwari
16	16WH1A0256	Ms. U Rohini
17	16WH1A0257	Ms. Y Srinidhi
18	17WH5A0212	Ms. K Prasuna

- Ms.K.Sudha Srinidhi(16WH1A0224) and Ms.P.Lavanya (16WH1A0237) of IV EEE Students selected in **Hexaware** on 12th September 2019.

# Faculty Achievements

- Mr.R.Guruswamy, Associate Professor and Ms.B.Sujatha, Associate Professor in EEE Department attended **Internship Student's presentation** at Surabhi Institute of Renewable Energy, Hyderabad on 28th June 2019.
- Mr.R.Guruswamy, Associate Professor and Ms.B.Sujatha, Associate Professor in EEE Department attended one day Workshop on **Campus Energy Monitoring System(CEMS)** at IIT, Hyderabad on 29th June 2019.
- Mr.G.Sandeep, Associate Professor in EEE Department attended a two day workshop on **"Curricular Design"** in VEDIC from 18th to 19th July 2019.
- Ms.B.Sujatha, Associate Professor and Ms.P.Subhashitha, Assistant Professor in EEE Department attended a three day workshop on **"Immersive Instructional Technology (IIT Program)"** in VEDIC from 23th to 25th July 2019.
- Mr.M.Rupesh, Assistant Professor of EEE Department attended a three day Workshop on **"Student Learning In Instructional Design (SLIDE)"** at VEDIC from 30th July to 1st August 2019.
- Ms.P.Subhashitha and Mr.M.Sandeep Kumar, Assistant Professors from EEE Department attended **Unconscious Bias In The Work Place (UBW) Workshop** on 8th August 2019.
- Mr.M.Rupesh, Assistant Professor of EEE Department attended Faculty Development Program on **"Power Systems"** at JNTU Hyderabad from 23rd to 29th September 2019.
- Mr.M.Sudheer Kumar, Mr.M.Rupesh, Ms.B.Sujatha, Mr.R.GuruSwamy, Ms.K.Amritha, Mr. A.V.Ramana Reddy and Ms.P.Subhashitha of EEE Department faculty participated in a three day Faculty Development Program on **"Machine Learning & Its applications"** from 28th to 30th September 2019, organized by Dept of EEE,ECE, CSE & IT, BVRIT HYDERABAD College of Engineering for Women, Hyderabad.
- Dr. Ch.Sunil Kumar, Professor & HoD of EEE Department and Mr.M.Sudheer Kumar, Assistant Professor attended three day workshop on **Faculty Hands-on Workshop on IoT** from 13th to 15th December 2019 at VEDIC, Bangalore.
- Dr.V.Rajeswari, Professor and Ms. Babita Gupta, Assistant Professor from EEE Department attended **III Progression Workshop** on 17th December 2019 at BVRIT HYDERABAD College of Engineering for Women, Hyderabad by VEDIC Coordinator Dr.Siva Krishanan.
- Mr.R.Guruswamy, Associate Professor in EEE Department completed 12 week NPTEL Online Certificate course on **"Fundamentals of Electrical Engineering"** conducted by IIT, Kanpur on 17th November 2019 and received an Elite Silver Certificate.
- Mr.R.GuruSwamy, Associate Professor from EEE Department awarded with **"Adarsh Acharya Puraskar"**, A National award for Impact Creators in Engineering Education in commemoration of 150th Birth Anniversary Celebrations of Mahatma Gandhi on 2nd October 2019.
- Ms.P.Subhashitha, Assistant Professor and Ms. B. Sujatha, Associate Professor Published a paper entitled as **"ACTIVITY BASED TEACHING IN ENGINEERING EDUCATION"**, in the International Education & Research Journal(IERJ), E-ISSN:2454-9916, Volume : 5, Issue : 8, June 2019, Page No: 56-57, IF: 5.564(SJIF).
- Mr.M.Rupesh, Assistant Professor Published a paper entitled as **"EVALUATION OF OPTIMAL MPPT FOR PV SYSTEM USING MATLAB/SIMULINK"**, in the International Journal of Engineering and Advanced Technology (Scopus), ISSN:2249-8958-9916, Volume : 8, Issue : 5, on 30th June 2019, Page No: 1403-1408.
- Dr.V.Rajeswari, Professor Published a paper entitled as **"Design of ZN controller for Coupled Tank System"**, in the Journal of Advanced Research in Dynamical & Control Systems, ISSN: 1943-023X, Volume : 11, 03-Special Issue, June 2019, Page No : 1643-1650.

- Dr.V.Rajeswari, Professor Published a paper entitled as “A Brief Study On The Implementation of Transformers for Track Electrification”, Australian Journal Of Electrical and Electronics Engg, Volume : 16, Issue 4, Scopus.

◆ First Year First Semester Topper for 2019 Batch



K Shivani  
(9.05)

G Shynitha  
(8.84)

A Akhila  
(8.79)

19WH1A0225

19WH1A0237

19WH1A0244

## Academic Result

◆ Fourth Year First Semester Toppers for 2016 Batch.



A Supraja  
8.58

Ch Sri Pavitra  
8.58

G Keerthi  
8.04

16WH1A0202

16WH1A0203

16WH1A0210



K Preethi Balakishan  
8.04

T Namratha  
8.04

P Divya  
8.00

◆ Third Year First Semester Toppers for 2017 Batch



N Mohana  
8.42

P Srujana  
8.17

M Kavya  
7.96

17WH1A0256

17WH1A0243

17WH1A0260

◆ Second Year First Semester Toppers for 2018 Batch



N Sushma  
7.96

Chava Pravarsha  
7.79

K Supriya  
7.75

18WH1A0231

18WH1A0213

18WH1A0240

Techno Spark

# Placements for 2016 Batch

## Infosys

## TCS



16WHIA0219  
Ms. K Ravya Sree



15WHIA0228  
Ms. K S S Malleswari



16WHIA0236  
Ms. P Divya



16WHIA0202  
Ms. A Supriya



16WHIA0206  
Ms. D Amritha



16WHIA0225  
Ms. K Mounika



16WHIA0226  
Ms. K Sucharitha



16WHIA0239  
Ms. Rakshitha P S



16WHIA0242  
Ms. Sana Arjuman



16WHIA0258  
Ms. Y Annapurna



17WH5A0202  
Ms. P Divya Lakshmi



16WHIA0203  
Ms. Ch Pavitra

## Hexaware



16WHIA0210  
Ms. G Keerthi



16WHIA0219  
Ms. K Ravya



16WHIA0220  
Ms. K Srinija



16WHIA0223  
Ms. K Preethi Balakishan



16WHIA0250  
Ms. K Srihitha



16WHIA0224  
Ms. K Sudha Srinidhi



16WHIA0237  
Ms. P Lavanya

## Capgemini



16WHIA0201  
Ms. A Sumitra Sai



16WHIA0202  
Ms. A Supriya



16WHIA0203  
Ms. Ch Pavitra



16WHIA0210  
Ms. G Keerthi



16WHIA0216  
Ms. J Pavithra



16WHIA0219  
Ms. K Ravya Sree



16WHIA0220  
Ms. K Srinija



16WHIA0225  
Ms. K Mounika



16WHIA0226  
Ms. K Sucharitha



16WHIA0228  
Ms. K Swathi Angle



16WHIA0229  
Ms. M Sukruthi



16WHIA0233  
Ms. N Bhavani



# Placements for 2016 Batch



16WH1A0236  
P Divya



16WH1A0243  
Ms. R Preethi



16WH1A0245  
Ms. S Akhila



16WH1A0247  
Ms. S Shruthi Meghana



16WH1A0250  
Ms. T Srihitha



16WH1A0252  
Ms. T Naga Lakshmi



16WH1A0253  
Ms. T Namratha



16WH1A0257  
Ms. Y Srinidhi



16WH1A0211  
Ms. G Supriya



16WH1A0249  
Ms. D Seeya Spandana



17WH5A0206  
Ms. A Sai Poojitha



17WH5A0212  
Ms. K Prasuna

**Accenture**



16WH1A0203  
Ms. Ch Pavitra



16WH1A0206  
Ms. D Amrutha



16WH1A0210  
Ms. G Keerthi



16WH1A0219  
Ms. K Ravya sree



16WH1A0220  
Ms. K Srinija



16WH1A0225  
Ms. K Mounika



16WH1A0226  
Ms. Sucharitha K



16WH1A0233  
Ms. N Bhavani



16WH1A0236  
Ms. P Divya



16WH1A0239  
Ms. P S Rakshitha



16WH1A0248  
Ms. V Niharika



16WH1A0249  
Ms. D Seeya Spandana



16WH1A0250  
Ms. T Srihitha



16WH1A0253  
Ms. T Namratha



16WH1A0254  
Ms. N Maheshwari



16WH1A0256  
Ms. U Rohini



16WH1A0257  
Ms. Y Srinidhi



17WH5A0212  
Ms. K Prasuna