

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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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, 3rd Year
5. M Sai Rashmitha 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, 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.

Department of Electrical & Electronics Engineering, BVRIT HYDERABAD College of Engineering for Women was Accredited by NBA for 3 Years in the month of December 2018.

Events organized

Guest Lectures

- ◆ A Guest Lecture was given by Mr. Anil Kumar Singh, CEO of Daximax Solutions Pvt. Ltd. Hyderabad, on '**Advanced Micro Controllers**' for all the II & III year students on 12th October 2018.
- ◆ A Guest Lecture was given by Dr. Sheshadri Sravan Kumar, Assistant Professor, EEE, IIT Hyderabad, on '**Modeling of Grid connected Variable speed wind Generators**' for all the II & III year students as a part of Engineers day celebrations on 15th September 2018.



- ◆ A Guest Lecture was given by Mrs. Tata Lakshmi, Director, Blue Fence Systems Pvt. Ltd. Hyderabad, on '**Fire and Safety Protections**' for all the II & III year students on 18th August 2018.



Workshop/Trainings

- ◆ A one day secession was conducted by Mr. R Guruswamy, Assistant Professor, EEE, BVRIT HYDERABAD, on "**How to apply for FOSS and tips for writing proposal**" for III EEE Students on 24th July 2018.

- ◆ One day Seession was conducted by Mr. A V Ramana Reddy, Mr Ch. Santosh Kumar and Mr. M Sudheer Kumar, Assistant Professors, EEE, BVRIT HYDERABAD on "**ATL-IoT Orientation**" for I EEE Students on 26th July 2018.
- ◆ A one day Training was conducted by Mr. R Guruswamy, Assistant Professor, EEE, BVRITHYDERABAD on "**ATL using Arduino**" for III EEE Students on 28th July 2018.
- ◆ A One day Certification course "**Automation Anywhere**" was conducted by Ms. J Durga Bhavani, Associate trainer, FACE in BVRIT HYDERABAD in association with Focus Academy for Career Enhancement (FACE) on 20th September 2018, where 46 Students of III and IV EEE Students participated and certified.

Students Achievements

- ◆ Ms. D Sowmya, 2014 Batch EEE Student, college topper awarded with gold medal in Third Graduation day on 14th July 2018.



- ◆ Ms.K.Preethi Balakishan (16WH1A0223) and Ms.K.Srinija (16WH1A0220) of III EEE stood second in **IOT INNOVATIONS 24 hour hackathon organized by BVRITH in association with J-HUB** on 26th and 27th September 2018 for "**Home Automation Using Alexa**".
- ◆ Ms.K.Preethi Balakishan (16WH1A0223), Ms.K.Srinija (16WH1A0220) of III EEE and Ms.Krithika of III CSE secured second prize in **Aliens Fest 3.0 at BITS Pilani, Hyderabad Campus** for the project "**Home Automation Using Alexa**" on 6th October 2018 under the mentorship of Mr.AV.Ramana Reddy, Assistant Professor of EEE Department.
- ◆ Ms.V. Niharika (16WH1A0248) of III EEE won First prize in Paper presentation on "**Light tracker for skin Cancer**" at SUDHEE-2K18, (CBIT), Hyderabad on 29th September 2018.
- ◆ Ms.V. Niharika (16WH1A0248) of III EEE won First prize in Elocution on "**Light tracker for skin Cancer**" conducted by ISKCON Hyderabad at BVRITH in the month of October 2018.

- ◆ Ms. K. Srinija (16WH1A0220), Ms. K. Preethi Balakishan (16WH1A0223) and Ms. P. Divya (16WH1A0227) from III EEE secured First Prize on Predictive Maintenance of Industrial Duct fans Using Machine Learning in Smart Machines for Industry 4.0 at **JNTU Hyderabad 36-Hour Hackathon** on 21st& 22ndDecember 2018.



- ◆ Ms.T.Divya (15WH1A0251) of IV EEE got GRE score of **298**.
- ◆ Ms.Y.Sai Roshini (15WH1A0248) of IV EEE got GRE score of **302** and IELTS of **7**.
- ◆ Ms. Daki Sai Santhoshi (15WH1A0211) of IV year EEE student attended two day International conference on “**International Block Chain Technology** “ from 3rd to 4th August 2018 at NOVOTEL, HICC, Hyderabad

Industrial Visits

- ◆ II year 1st semester students visited ICRISAT, Hyderabad, where the students perceived to rain water head management system, fields and meteorological station on 18th July 2018. Mr. R. Guruswamy, Associate Professor, Ms. Babita Gupta and Mr. M. Sudheer Kumar Assistant Professors from EEE Department accompanied the students.



- ◆ III EEE I Semester students visited “Hammond Power Solutions Pvt. Limited”, wherein the students are exposed to Winding of Transformers, Assembling and Manufacturing of Transformers” on 21st July 2018. Mr.Guruswamy Revana, Ms. B.Sujatha, Associate Professors and Mr. M. Sudheer Kumar, Assistant Professor from EEE Department accompanied the students.



Internships

S. N	Roll No.	Name of the student	Name of the Industry / Organization	Duration	
				From	To
1	15WH1A0209	Ms.Kasaraneni Sahithi	Tamada Media, Hyderabad	29-05-2018	29-08-2018
2	15WH1A0244	Ms.Gadam Pratika Sheeba	Nytro, Hyderabad	14-06-2018	15-09-2018
3	15WH1A0251	Ms.Tadi Divya	Redpine Signals, Hyderabad	01-06-2018	31-07-2018
4	15WH1A0255	Ms.Sandineni Shravani	Zipper, Hyderabad	11-06-2018	11-12-2018

S. N	Roll No.	Name of the student	Name of the Industry / Organization	Duration	
				From	To
1	16WH1A0219	Ms.K.Ravyasree	TSGENCO, Revulapally, Jogulamba- Gadwal	07-05-2018	31-05-2018
2	16WH1A0220	Ms.K.Srinija	132/33 KV substation, Nizamabad	10-05-2018	30-05-2018
3	16WH1A0201	Ms.Anasi Sumitra Sai	KTPS, Palvancha, Bhadradi Dt.	23-05-2018	06-06-2018
4	16WH1A0202	Ms.Asari Supraja	TSGENCO, Ramagundam, Peddapalli Dt.,	14-05-2018	31-05-2018
5	16WH1A0228	Ms.K.Swathi Angel	TSGENCO, Ramagundam, Peddapalli Dt.,	14-05-2018	31-05-2018
6	16WH1A0206	Ms.D.Amrutha	RenewSys India Pvt. Ltd., Hyderabad	01-06-2018	21-06-2018
7	16WH1A0258	Ms.Y.Annapurna	RenewSys India Pvt. Ltd., Hyderabad	01-06-2018	21-06-2018
8	16WH1A0249	Ms.Sweeya Spandana	RenewSys India Pvt. Ltd., Hyderabad	01-06-2018	21-06-2018

S. N	Roll No.	Name of the student	Name of the Industry / Organization	Duration	
				From	To
9	16WH1A 0233	Ms.N.Bhavani	RenewSys India Pvt. Ltd., Hyderabad	01-06-2018	21-06-2018
10	16WH1A 0215	Ms.G.Shrayasi	RenewSys India Pvt. Ltd., Hyderabad	01-06-2018	21-06-2018
11	16WH1A 0224	Ms.K.Sudha Srinidhi	RenewSys India Pvt. Ltd., Hyderabad	01-06-2018	21-06-2018
12	17WH5A 0203	Ms.Nihar Begum	Hammond Power Solutions Pvt Limited, Hyderabad	02-07-2018	07-07-2018
13	17WH5A 0207	Ms.Boppy Sucharitha	Hammond Power Solutions Pvt Limited, Hyderabad	02-07-2018	07-07-2018
14	17WH5A 0208	Ms.Nedunuri Kavya Sri	Hammond Power Solutions Pvt Limited, Hyderabad	02-07-2018	07-07-2018
15	17WH5A 0202	Ms.P Divya Laxmi	Daximax Solutions, Hyderabad	25-07-2018	05-08-2018
16	17WH5A 0211	Ms.Kasarla Kalyani	KTPS, Palvanacha, Bhadradi	01-06-2018	15-06-2018
17	17WH5A 0210	Ms.Ponnamm Spandana	KTPS, Palvanacha, Bhadradi	01-06-2018	15-06-2018
18	17WH5A 0208	Ms.Nedunuri Kavya Sri	KTPS, Palvanacha, Bhadradi	01-06-2018	15-06-2018
19	17WH5A 0207	Ms.Boppy Sucharitha	KTPS, Palvanacha, Bhadradi	01-06-2018	15-06-2018
20	17WH5A 0203	Ms.Nihar Begum	KTPS, Palvanacha, Bhadradi	01-06-2018	15-06-2018
21	16WH1A 0214	Ms.Jalla Renuka	Daximax Solutions, Hyderabad	25-07-2018	05-08-2018
22	16WH1A 0223	Ms. K. Preethi Bala-kishan	Daximax Solutions, Hyderabad	25-07-2018	05-08-2018
23	16WH1A 0220	Ms.K.Srinija	VVE Transformers, Hyderabad	26-06-2018	07-07-2018

24	16WH1A 0250	Ms.T Srihitha	Daximax Solutions, Hyderabad	25-07-2018	05-08-2018
25	16WH1A 0204	Ms.Balla Soumya	Daximax Solutions, Hyderabad	25-07-2018	05-08-2018
26	16WH1A 0243	Ms.Ramavath Preethi	Daximax Solutions, Hyderabad	25-07-2018	05-08-2018
27	16WH1A 0211	Ms.G.Su priya	Daximax Solutions, Hyderabad	25-07-2018	05-08-2018
28	16WH1A 0244	Ms.S.Priyanka	Daximax Solutions, Hyderabad	25-07-2018	05-08-2018
29	16WH1A 0248	Ms.V.Niharika	Daximax Solutions, Hyderabad	25-07-2018	05-08-2018
30	16WH1A 0231	Ms.M.Sravaya	VVE Transformers, Hyderabad	26-06-2018	07-07-2018
31	16WH1A 0257	Ms.Y.Sreenidhi	Daximax Solutions, Hyderabad	25-07-2018	05-08-2018
32	16WH1A 0226	Ms.K.Sucharitha	Daximax Solutions, Hyderabad	25-07-2018	05-08-2018
33	16WH1A 0236	Ms.P Divya	Daximax Solutions, Hyderabad	25-07-2018	05-08-2018

1	17WH1A0 203	Ms.C.Akshatha	BHEL, Hyderabad	06-12-2018	20-12-2018
2	17WH1A0 216	Ms.M.Vaishnavi			
3	17WH1A0 239	Ms.T.PushpaKavya			
4	17WH1A0 221	Ms.P.Sowmya			
5	17WH1A0 242	Ms.A.Aishwarya			
6	17WH1A0 259	Ms.V.Ruchitha			
7	17WH1A0 230	Ms.K.VenkataPavani Swetha			
8	17WH1A0 237	Ms.Priya S Joshi			
9	17WH1A0 215	Ms.P.Samyuktha			
10	17WH1A0 208	Ms.T.Shravya			
11	17WH1A0 227	Ms.ManthanaDivya			
12	17WH1A0 219	Ms. Divya Madhavararam			

Faculty Achievements

- ◆ 8 students from III EEE attended two day workshop in Vedic on “Lean Six Sigma Yellow Belt Course” on 2nd and 3rd October 2018.

S.No	Roll No	Student Name
1	16WH1A0201	Ms.A.Sumitra Sai
2	16WH1A0210	Ms.G.Keerthi
3	16WH1A0211	Ms.G.Supriya
4	16WH1A0214	Ms.J.Renuka
5	16WH1A0226	Ms.K .Sucharitha
6	16WH1A0244	Ms.S.Priyanka
7	16WH1A0209	Ms.D.Sri Pooja
8	16WH1A0257	Ms.Y.Srinidhi

- ◆ 5 students from IV EEE Completed **Qualcomm Mentorship**

S.No	Roll No	Student Name
1	15WH1A0207	Ms.P.V.Sindhuja
2	15WH1A0212	Ms. Uponika Barman Roy
3	15WH1A0213	Ms.R.Vyshnavi
4	15WH1A0217	Ms.A.Babitha
5	15WH1A0221	Ms.M.Lakshmi Trijutha
6	15WH1A0238	Ms.R.Jahnavi
7	15WH1A0245	Ms.V.Sai Meghana
8	15WH1A0246	Ms.P.Pooja Aparna

Placements

- ◆ Ms.V. Sai Meghana (15WH1A0245) of IV EEE student placed in **State Street** with a Pay package of 6.0 lakhs PA on 19th July 2018.
- ◆ 17 students of IV EEE were selected for **Capgemini** in on campus Placement drive which was conducted on 10th and 11th September 2018.
- ◆ Ms.Y.Sai Roshini (15WH1A0248) of IV EEE placed in **Core Compete** on 27th September 2018 with a package of 4 LPA.
- ◆ 6 students from IV EEE placed in **TCS** on 29th September 2018.
- ◆ Ms.G.Pratika Sheeba (15WH1A0244) and Ms.B.Sravani (16WH5A0211) from IV EEE placed in **Go-Speedy-Go** with 4.12 LPA on 4th October 2018.
- ◆ Ms.S.Shravani (15WH1A0255) of IV EEE placed in **Ashok Leyland** on 27th December 2018.

- ◆ Ms. K.Bhavya, Ms.P.Subhashitha, Assistant Professors and Ms.B.Sujatha, Associate Professor from EEE Department attended “**TTT (Think-Technology–Transform) Workshop**” at BVRITH on 21st June 2018.
- ◆ Dr. Ch. Sunil Kumar, Professor & HoD, Mr. A.Venkata Ramana Reddy, Mr.Ch.Santhosh Kumar, Assistant Professors, Mr.G.Sandeep and Ms.K.Amrita Associate Professors from EEE Department attended “**TTT (Think-Technology–Transform) Workshop**” at BVRITH on 22nd June 2018.
- ◆ Dr.V.Rajeswari, Professor, Ms.Babita Gupta and Mr.M.Sudheer Kumar Assistant Professors from EEE Department attended “**TTT (Think-Technology–Transform) Workshop**” at BVRITH on 22nd June 2018.
- ◆ Mr.G.Sandeep, Associate Professor & Ms.K.Bhavya, Assistant Professor in EEE Department attended a two day workshop on “**Course Design**” in VEDIC from 26th June 2018 to 27th June 2018.
- ◆ Dr.Ch.Sunil Kumar, Professor & HoD of EEE Department attended a three day workshop on “**Leadership In Teaching And Learning**” at VEDIC from 18th July to 20th July 2018.
- ◆ Mr. M.Rupesh, Assistant Professor of EEE Department attended two day workshop on “**Advanced Research Training**” at VEDIC from 24th July to 26th July 2018.
- ◆ Mr.Guruswamy Revana, Associate Professor of EEE Department attended **Video Lecture Creation (VMC)** at VEDIC on 9th and 10th August 2018.
- ◆ Dr. Ch.Sunil Kumar, Professor & HoD of EEE Department attended video conference from **VEDIC Campus, Bangalore** on “**Placement challenges, how to improve the competency in students, faculty**” on 21st August 2018.
- ◆ Mr. A.V.Ramana Reddy , Assistant Professor, EEE Department attended two day workshop on “**Real Time Simulations of Electrical Systems**” under TEQIP-III organized by EEE Department in JNTUH College of Engineering, Hyderabad, from 17th and 18th August 2018.
- ◆ Mr.A.V.Ramana Reddy, Assistant Professor of EEE Department attended one day seminar on “**Artificial Intelligence & Signal Processing using MATLAB**” on 5th December 2018 conducted by Mathworks.

Grants Received by Faculty

- ◆ Dr. Ch. Sunil Kumar, Professor & HoD (Principal Investigator) and Dr. V. Rajeswari, Professor (Co-Principal Investigator) from EEE Department, BVRITH received grant of Rs. 33,03,600/- for DST-Project entitled **“Demonstration of MW scale Solar energy Integration in weak grid using Distributed Energy Storage architecture (D-SIDES)”** in collaboration with IIT – Roorkee in June 2018.
- ◆ Mr. Guruswamy Revana, Associate Professor (Principal Investigator), Dr. Ch. Sunil Kumar (Co-Principal Investigator), Professor & HoD and Mr. Ch. Santosh Kumar (Co-Principal Investigator), Assistant Professor of Electrical and Electronics Engineering Department received sanction of the project **“Remote Diagnosis for Assisted Living Using Internet of Things for Rural Areas”** under Department of Science and Technology (DST) - Technology Intervention for Disabled and Elderly (TIDE) scheme for an amount of Rs. 48,20,964/- on 12th Sept 2018.
- ◆ Dr. Ch. Sunil Kumar, Professor & HoD of EEE Department had attended for kick off meeting for sanctioned DST-Project entitled **‘Demonstration of MW scale Solar energy Integration in weak grid using Distributed Energy Storage architecture (D-SIDES)’** in collaboration with IIT – Roorkee at IIT Delhi on 28th August 2018.
- ◆ Dr. Ch. Sunil Kumar, Professor & HoD of EEE Department attended **“DST Project Kick off meeting and a Workshop”** at IIT Roorkee on 27th and 28th October 2018.

◆ Third Year First Semester Toppers for 2016 Batch



K Ravyasree
(7.63)
16WH1A0219



K Preethi
(7.50)
16WH1A0223



Ch Sri Pavitra
(7.42)
16WH1A0203



A Srinija
(7.42)
16WH1A0220

◆ Second Year First Semester Toppers for 2017 Batch



C Anusha
(9.13)
17WH1A0249



N Mohana
9.00
17WH1A0256

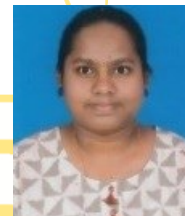


M Kavya
(9.00)
17WH1A0260



Prasanna Lakshmi
(8.79)
17WH1A0253

◆ First Year First Semester Topper for 2017 Batch



K Supriya
(9.26)
18WH1A0240



Chava Praharsha
(9.05)
18WH1A0213



D Tejaswi
(8.95)
18WH1A0237

Academic Result

◆ Fourth Year First Semester Toppers for 2015 Batch.



A Babitha
(66.67%)
15WH1A0217



M Vandana
(66.53%)
16WH5A0206



S Triveni
(66.13%)
16WH5A0203

Techno Spark

Placements for 2015 Batch

Capgemini



15WH1A0203
D Sandhya Deepthi



15WH1A0207
P V Sinduja



15WH1A0209
K Sahithi



15WH1A0212
Uponika Barman Roy



15WH1A0213
R Vyshnavi



14WH1A0216
B Anjali Naga Sai Sri



15WH1A0217
A Babitha



15WH1A0222
A Keerthi



15WH1A0223
M Sri Vyshnavi



15WH1A0234
J Sravani



15WH1A0243
B Sai Deepthi



15WH1A0246
P Pooja Aparna



15WH1A0247
B Ashritha



15WH1A0254
G Sai Deepika



15WH1A0255
S Shravani



16WH5A0206
M Vandana



16WH5A0209
Tabassum

Core Compete

TCS



15WH1A0248
Y Sai Roshini



15WH1A0212
Uponika Barman



15WH1A0234
J Sravani



15WH1A0237
K Pranathi



15WH1A0243
B Sai Deepthi



15WH1A0248
Y Sai Roshini



15WH1A0249
M Roshini

Go-Speedy-Go

Ashok Leyland

Statestreet



15WH1A0244
G Prateeka Sheeba



16WH5A0211
B Sravani



15WH1A0255
S Shravani



15WH1A0245
V Sai Meghana