

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

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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 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.

Events organized



Mr. M Sudheer Kumar
M.Tech,
Assistant Professor
DoJ: 01 July 2016

Events organized

Guest Lectures

- ◆ A Guest Lecture on 'Discover the Inventor @ BVRITH' was delivered by Mr. Ravi Katukam, CEO of Innovator Engineering, conducted by ATL and IOT Maker's space team on 20th August 2016.
- ◆ A Guest lecture on 'Micro Electro Mechanical System (MEMS)' was delivered by Dr. Siva Rama Krishna, Professor in IIT Hyderabad on 16th September 2016 as a part of Engineers day Celebrations.
- ◆ Mr. Lawrence Mohan raj, Developer Communities & Academic Initiative, Manager ISA and Ms. Seema Kumar, Country Head, IBM visited BVRITH and interacted about Cognitive Business with III B.Tech Students on 20th October 2016.
- ◆ A Guest Lecture on 'Electronics Circuits' was delivered by Mr. Sai Kumar Guod, Assistant Professor, CMRIT, Hyderabad. For II ECE & EEE Students on 23rd December 2016.

Workshop

- ◆ A Two day Satellite Workshop on 'SciPy' was conducted in association with IIT Bombay for the faculty and students on 10th and 11th December 2016.
- ◆ A Two Day Workshop on 'Quadcopter' was conducted for III EEE & ECE Students on 11th & 12th July 2016.



- ◆ 2nd WISE graduation program was held on 26th August 2016, and Dr. Shantanu Paul Garu, CEO and MD of Talent Sprint and Sri. Satya Nagesh Nittla Garu head of the Department at Colruyt, INDIA were invited as guest to distribute the graduation certificates for the WISE graduates (93).
- ◆ A One-day Workshop on 'Cyber Security' was held for III B.Tech students on 2nd September 2016.
- ◆ Essay writing and Circuit Design computations were conducted under Department Technical Association Deephta for the II & III B.Tech Students as a part of Engineers day celebrations on 15th September 2016.
- ◆ Group discussions were conducted for II & III EEE Students Under Student technical Chapter IEI and Departmental Technical Association Deephta on 26th & 27th October 2016.
- ◆ A One Week workshop on 'Solar PV Grid connected Power plant' in association with National Training Centre for Solar Technology, Karnataka was conducted from 05th December 2016 to 10th December 2016 under the student Chapter IEI and departmental Association Deephta. 42 faculty from various colleges attended the workshop. Dr. Sunil Kumar, HOD, EEE and Mr. Guruswamy Revana, Assoc. Professor, EEE were the conveners for the workshop.



- ◆ A Two day workshop on 'PCB Design & Fabrication' was organized in association with ARMTRONICS, Hyderabad under student chapter IEI for II EEE Students on 5th and 6th December 2016.



Students Achievements

- ◆ T.Divya and Uponika of II EEE participated in the STEP EVENT & YP meet hosted by IEEE young Professionals in collaboration with IEEE GRIET SB at Gokaraju Rangaraju Institute of Engineering & Technology on 9th July, 2016.
- ◆ II EEE students, Uponika Burmon Roy and V.Sai Meghana developed an APP on BVRITH Transportation on 22nd August 2016, under the guidance of Mr.Guruswamy Revana, Associate Professor, EEE Dept.
- ◆ S.Shravani and K.Pranathi of II EEE presented a paper on 'Magnetic Levitation' in BVRIT, Narsapur on 10th September 2016.
- ◆ Umashankari, III EEE student went to BARC, Mumbai to give an oral presentation of the essay in the 28th DAE, All India Essay contest, on the topic 'Nuclear Power in India-challenges and Future direction', from 20th October 2016 to 28th October 2016.
- ◆ 3 students of II EEE, Anjali, Sindhu and Deepthi of II EEE presented PPTs in 'SYNAPSE' – conducted as part of SUDHEE – 2k16, A National level Technofest in CBIT, Hyderabad which was conducted on 21st and 22nd October 2016.
- ◆ Santhoshi and Nikitha, students of II EEE won merit appreciations in Glider workshop in BVRITH organized by BS & H Department and conducted by Sky-fi Labs, Bangalore, on 2nd November 2016.
- ◆ Sravana Kalyani and Ramya of III EEE displayed the ATL project 'Apricitas Umbrella' on 14th December 2016.
- ◆ Shravani and M.Vyshnavi of II EEE were part of the Volleyball Team of BVRITH won the **Gold medal** held at GITAM University on 15th December 2016.
- ◆ Ch.Renuka Devi of IV EEE received a cash prize of 2000/- for scoring 88% in 'Power Electronics' in Talent Search Examination conducted Regionwise by HBL Powersystems Ltd on 18th December 2016.
- ◆ K.Shravani and K.Pranathi of II EEE won First prize in the paper presentation on 'Wireless Power Transmission via Solar Power Satellite' held as part of 'Prometheon', the Tech fest at BVRIT Narsapur on 23rd and 24th of December 2016.

- ◆ K.Sahithi and P.V. Sindhuja of II EEE won First prize in the Green PPT presentation competition on the topic 'Harnessing of Hydrogen to power Hydrogen cars' at BVRIT Narsapur on 23rd and 24th of December 2016.
- ◆ B. Ashritha and R. Sucharitha of II EEE won First prize in the poster presentation competition on the topic 'Witricity' at BVRIT Narsapur on 23rd and 24th of December 2016.
- ◆ K.Sahithi and P.V.Sindhuja of II EEE won Third prize in the poster presentation competition on the topic 'Sustainable Electrification in Rural Areas' at BVRIT Narsapur on 23rd and 24th of December 2016.
- ◆ K.Gireesha of II EEE, along with Pooja.P of ECE won First Prize in the poster presentation competition on the topic 'Artificial Intelligence' at GITAM Hyderabad on 24th of December 2016.
- ◆ Gireesha of II EEE participated in Poster Presentation in GITAM University and secured 1ST PRIZE on 24th December 2016.
- ◆ Sushmitha and Vaishnavi of II EEE participated in Poster Presentation in GITAM University on 24th December 2016
- ◆ Meena,Nitisha, Uponika, Meghana and P.Sindhuja of II EEE participated in Paper Presentation in GITAM University on 24th December 2016.

Industrial Visits

- ◆ Industrial Visit to '**HBL Power systems, Hyderabad**', was arranged for III EEE Students on 19th July 2016. Dr. J. Srinivasa Rao and Mr. Guruswamy Revana, and Ms. B. Sujatha, Faculty of EEE Dept, accompanied the students.
- ◆ Industrial Visit to '**BHEL, Hyderabad**', was arranged for II EEE Students on 30th July 2016. Mr.G.Sandeep, Ms.Babita Gupta, Ms.Amritha, Asst.Professors in EEE Dept and Mr.Gangadhar Tilak, Asst.Professor in Mechanical Dept along with Mr.P.N.Ramulu, Lab Asst.EEE Dept accompanied the students.
- ◆ The participants of the workshop on 'Solar PV Grid connected Powerplant' was arranged an industrial visit in '**HBL Powersystems**' and '**ReNewsys Pvt.Ltd**' on 8th December 2016.
- ◆ A field trip to **BVRIT Narsapur** was arranged as a part of FDP on 'Solar PV Grid connected Power plant', to gain practical knowledge about the Solar power plant. on 10th December 2016,

Internships

- ◆ P. Nishitha of IV EEE and N. Medha Lalitha of IV CSE were offered a 6 months internship with a stipend of 12,000/- P.M by NASSCOM.

S.No	Roll No.	Name of the student	Name of the Industry / Organization	Duration	
				From	To
1	15WH5A 0212	Uponika Barman Roy	Cofounder AI, Canadian based business start up	27 th August 2016	-----
2	15WH5A 0245	V. Sai Meghana			
3	15WH1A 0218	T. Sriyanka Sai	Sirius Solar Company, ALEAP Ind Area, Pragathi Nagar, Gajularamaram, Hyderabad, Telangana 500090	07/09 /2016	18/0 9/20 16
4	15WH1A 0224	B. Naga Nikitha			
5	15WH1A 0219	N. Sai Priyanka			
6	15WH1A 0248	Y. Sai Roshini			
7	15WH1A 0211	D. Santhoshi			
8	15WH1A 0233	B. Surya Sai Veda			
9	15WH1A 0255	S. Shravani			
10	15WH1A 0201	G. Nithisha	Surabhi Solar Company, Lane Number 9, Brahman Wadi, Begumpet, Hyderabad, Telangana 500016	05/09 /2016	16/0 9/20 16
11	15WH1A 0231	R. Meena			
12	15WH1A 0220	K.S.S. Malleswari			
13	15WH1A 0215	A. Greeshma			
14	15WH1A 0203	D. Sandhya			
15	16WH5A 0209	Tabbassum			
16	15WH1A 0244	G. P. Sheeba			
17	15WH1A 0205	B. Prasanna			
18	16WH5A 0204	G. Divya Vani			
19	15WH1A 0249	M. Roshini			

Placements

- ◆ 23 students of IV EEE selected for Cap Gemini on 2nd September 2016
- ◆ K Ramya of IV EEE Selected for ggk Global in September 2016
- ◆ 11 students IV EEE Selected for Tech Mahindra on 28th September 2016.
- ◆ 2 Students of IV EEE selected for HTC Global on 17th October 2016.
- ◆ 3 Students of IV EEE selected for Robosoft in October 2016.
- ◆ Bargava Ravali of IV EEE selected for MEDLIFE with 7 Lakhs package in October 2016.
- ◆ K Hemalatha of IV EEE Selected for Seneca global in October 2016.
- ◆ Ankitha of IV EEE Selected for ZenQ in November 2016.

Faculty Achievements

- ◆ Dr. Ch. Sunil Kumar, Professor and HOD, EEE and Dr. J. Srinivasa Rao, Associate Professor, EEE have participated in one week National level Faculty Development programme on 'Modern Power system Operation and Control' under TEQIP -II SC 1.1 at Mallareddy Engineering College, Dhulapally from 11th to 16th July 2016.
- ◆ Mr. Guruswamy Revana, Assoc.Professor, EEE is invited as the speaker at FOSSASIA Summit, Singapore.
- ◆ Ms. P. Subhashitha, Ms. B. Sujatha and Ms. N. Siva Gowri, Assistant Professors, EEE Dept got certified in Latex, after the online test conducted towards Faculty Development Program from spoken tutorial project, IIT Bombay, on 20th September 2016.
- ◆ Mr. A. Venkata Ramana Reddy, Asst.Professor, EEE was a part of the Placement team which attended 2-day programme on 16th and 17th of July, at VEDIC to discuss the Training and Placement activities in SVES Institutions.
- ◆ Mr. A. Venkata Ramana Reddy, Asst.Professor in EEE Dept, along with Training & Placement Officer of BVRITH, went to Gachibowli to attend a meeting of TASK (Telangana Academy of Skill and Knowledge) on 28th July 2016.

- ◆ Mr. Guruswamy Revana, Assoc. Professor in EEE Dept went to T-Hub in IIIT, Hyderabad to be a part of HACKATHON on 22nd & 23rd of July 2016.
- ◆ Ms. P.Subhashitha and Ms. N.Shiva Gowri, Asst. Professors in EEE Dept attended Faculty Development Programme on 'Scientific Educational Practices' in VEDIC on 8th, 9th and 10th August 2016.
- ◆ Mr.Guruswamy Revana, Assoc. Professor in EEE Dept attended Faculty Development Programme on 'Scientific Educational Practices' in VEDIC on 17th, 18th and 19th of August 2016.
- ◆ Mr. Guruswamy Revana, Associate Professor, EEE Dept attended 'Inauguration of Srujana centre for Innovation' at LVPEI on 22nd August 2016.
- ◆ Dr.Ch.Sunil Kumar, HOD-EEE, attended workshop in VEDIC on 'Learning and Leading' on 22nd September 2016 to 24th September 2016.
- ◆ Ms. Amritha. K, Asst.Professor, EEE Dept attended workshop in VEDIC on 'Scientific Educational Practices' on 19th September 2016 to 21st September 2016.
- ◆ Ms. Sujatha.B, Asst.Professor, EEE Dept attended workshop in VEDIC on 'Scientific Educational Practices' from 4th October 2016 to 6th October 2016.
- ◆ Mr.A. Venkata Ramana Reddy, Asst.Professor, EEE Dept participated in one day workshop on 'Advanced Programming Techniques in MATLAB' on 16th October 2016 in JNTUH, Kukatpally.
- ◆ Mr. Guruswamy, Assoc.Professor, EEE Dept attended workshop in VEDIC on 'Cultivating Research Mindset' from 13th October 2016 to 15th October 2016.
- ◆ Ms. B. Sujatha and Ms. N. Shiva Gowri, Assistant Professors, EEE Dept attended workshop in VEDIC on 'Advanced Engg. Optimisation through intelligent techniques' from 21st and 22nd of October 2016.
- ◆ Dr. Ch. Sunil Kumar, HOD along with Ms. B.Sujatha and Mr. M. Sudheer Kumar, Assistant Professors, EEE Dept attended the inaugural session of the National Conference on RAPIDEET – 2016 (Recent Advances in Power Industrial Drives and Energy Evolutionary Technologies) in BVRIT Narsapur on 24th October 2016.
- ◆ Dr. Ch. Sunil Kumar, HOD and Dr. J. Srinivasa Rao, Associate Professor, EEE Dept Published a paper on 'Parameter Determination of Axial Flow Induction Machines' in the National Conference on RAPIDEET – 2016 (Recent Advances in Power Industrial Drives and Energy Evolutionary Technologies) in BVRIT Narsapur on 24th October 2016.
- ◆ In the Sport competitions for faculty, the team of Mr.Venkata Ramana Reddy, Assistant Professor, EEE Dept. and Mr. Gowtham , Admin. Dept won the Men's Doubles Shuttle Badminton competition.
- ◆ Dr. Sunil Kumar, Professor, EEE Dept and Ms.Subhashitha Assistant Professors, EEE Dept participated in Shuttle Badminton and Table Tennis. Ms.Sujatha, Assistant Professor, EEE Dept, participated in Table Tennis and Ms.Shiva Gowri, Assistant Professors; EEE Dept participated in Shuttle Badminton.
- ◆ Mr. M. Sudheer Kumar, Asst. Professor, EEE attended the Faculty Development programme on Optimization, on 18th and 19th of November 2016.
- ◆ All EEE faculty attended the One day workshop on 'Python for Scientific Research' by Prof. Prabhu Ramachandran, Dept.of Aerospace, IIT Bombay on 26th November 2016.
- ◆ All EEE faculty attended the talk on NBA by Dr.P.V.RamaRao , HOD-EEE,SVECW on 24th November 2016.
- ◆ Mr. Guruswamy Revana, Assoc. Professor, EEE, attended the programme 'Train the Trainer' during 21st November 2016 to 26th November 2016.
- ◆ Mr. Guruswamy Revana, Assoc. Professor, EEE trained 20 faculty of SVES on 'Scientific Educational Practices' at VEDIC on 12th December 2016.
- ◆ Mrs. Amritha.K, Asst. Professor, EEE attended a workshop on 'Wind Energy Conversion Systems' in SGIST, Indore during 19th December 2016 to 23rd December 2016.
- ◆

Academic Result

◆ First Year First Semester Topper for 2016 Batch K



Mounika (8.46) 16WH1A0225
 K Swathi Angle (7.88) 16WH1A0228
 K Ravya sree (7.79) 16WH1A0219
 P Divya (7.79) 16WH1A0236

◆ Fourth Year First Semester Toppers for 2013 Batch.



K Priyanka (76.96%) 13WH1A0222
 T Sudeepthi (76.93%) 13WH1A0253
 D Swapn (74.80%) 13WH1A0247

Placements for 2013

Robosoft



P Deepika (73.33%) 13WH1A0245
 B Mounika (73.33%) 13WH1A0257



13WH1A0222 K Priyanka
 13WH1A0235 G Himabindu
 13WH1A0246 CH Ravali

◆ Third Year First Semester Toppers for 2014 Batch



B Shravani (83.20%) 14WH1A0247
 D Sowmya (82.27%) 14WH1A0231
 M Aravinda (78.8%) 14WH1A0204

HTC Global

ggk Tech.



13WH1A0228 K Priyanka
 14WH5A0201 D Sree Meghana
 14WH5A0254 K Ramya

◆ Second Year First Semester Toppers for 2015 Batch



A Babitha (81.33%) 15WH1A0217
 M Roshini (80.67%) 15WH1A0249
 R Meena (77.33%) 15WH1A0231

Medlife Senecaglobal ZenQ



13WH1A0201 Bhargava Ravali
 13WH1A0234 K Hemalatha
 13WH1A0223 A Ankitha

Placements for 2013 Batch

Capgemini



13WHIA0201
K Bargava Ravali



13WHIA0204
K Sai Srimai



13WHIA0207
K Baby Lakshmi



13WHIA0209
Leepika B S



13WHIA0215
G Sanjana Devi



13WHIA0218
P Swathi



13WHIA0219
K Sravani



13WHIA0220
S Mounika



13WHIA0226
N Srilekha



13WHIA0228
K Priyanka



13WHIA0237
C Alekhya



13WHIA0239
L Manisha



13WHIA0240
P Nishitha



13WHIA0242
K Pranathi



13WHIA0243
P Swathi



13WHIA0247
D Swapna



13WHIA0248
P Shravika



13WHIA0249
K Himabindu



13WHIA0250
V Komaleshwari



13WHIA0253
T Sudeepthi



13WHIA0255
B Sushma



13WHIA0257
B Mounika



13WHIA0260
G Priyanka

Tech Mahindra



13WHIA0204
K Sai Srimai



13WHIA0207
K Baby Lakshmi



13WHIA0213
V Himaja



13WHIA0216
K Tanuja



13WHIA0220
S Mounika



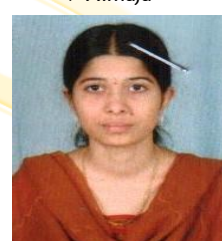
13WHIA0239
L Manisha



13WHIA0245
P Deepika



13WHIA0247
D Swapna



13WHIA0255
B Sushma



13WHIA0257
B Mounika



13WHIA0258
CH Renuka Devi