

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



VISHNU
UNIVERSAL LEARNING

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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Dr Ch Sunil Kumar

Professor & HoD

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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. G Laxmi Mounika, 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. 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.

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.

...The Techno Spark

Faculty Joined



Mrs. P Subhashitha
M.Tech,
Assistant Professor
DoJ: 02nd July 2014



Mrs N Shiva Gouri
M.Tech,
Assistant Professor
DoJ: 04th July 2014

Workshops

- ◆ Two Day Workshop on MATLAB & SIMULINK was Organized on 12th & 13th September 2014 Under IEEE Student Chapter.



- ◆ Two Day Workshop on PCB Design & Fabrication was organized on 10th and 11th October 2014 in Association with Indo Global Services Under IEI Chapter.



- ◆ A One Day Workshop on Safety and Security of Girls was Organized on 22nd October 2014 in the college under ISTE Student Chapter.



Events organized

Guest Lectures

- ◆ A Guest Lecture on Power Semiconductor Devices and their Impact on Society was conducted by Dr. P S Doradla on 15th October 2014.
- ◆ A Guest Lecture on Electrical Machines was conducted by Dr. V Rajagopal, Professor, BVRIT Narsapur on 13th November 2014.



- ◆ Project Exhibition for III EEE Mini projects was conducted in the department on 15th November 2014.



- ◆ Debate, Essay Writing and Technical Quiz was Conducted on 13th & 15th September on the occasion of Engineers Day under Department Technical Association Deeptha.

- ◆ Two Day Workshop on Mobile Testing & Repair was Organized on 10th & 11th October 2014 in Association with SS mobiles Training Institute.



Technical Chapters Inauguration

- ◆ Institution of Electrical & Electronics Engineers (IEEE) Technical Student Chapter was Inaugurated on 12th September 2014.

Students Achievements

- ◆ N. Suchitra devi and N. Nikitha students of II EEE attended 'SPYBOTICS' workshop on 18th and 19th October at IIT Hyderabad.
- ◆ AR Nushrath, M. Bhavani, Y. Gowthami and NB. Anupama students of III EEE attended a workshop on 'Creativity and Innovation' in BVRIT, Narsapur on 17th & 18th of October 2014.
- ◆ V. Mounika reddy, N. Sowmya, A. Jyothi and V. Swathi students of III EEE attended a lecture on Smart Grid conducted by IEEE on behalf of Faraday's Birth day on 22nd September 2014.
- ◆ Y. Chandralekha, S. Swapna Priya and M. Sathvi Reddy of III EEE and T. Sudeepthi, M. Swathi, P. Swathi, B. Mounika, B. Sushma, B. Rajeshwari, M. Mounika, V. Komaleswari and Ch. Renuka Devi of II EEE won II Prize in Throw Ball in "Tech Trobhy-2K14" organized by Malla Reddy Engineering College for Women, Hyderabad on 31st October and 1st November 2014.

Industrial Visits

- ◆ III B.Tech. I Sem. EEE students (36) and three faculty visited "SINUMERIK EXHIBIT BY SIEMENS" (Exhibition of Motors), at Balanagar on 5th July 2014.
- ◆ III EEE Students (56) along with 4 faculty visited **BHEL R.C** Puram, Hyderabad on 2nd August 2014.
- ◆ II EEE Students (57) along with 4 faculty visited **Solar Plant** at BVRIT Narsapur by Students on 20th Sep 2014.

Internships

- ◆ V. Mounika Reddy of III EEE was selected for the **paid** internship at **Dhana**.
- ◆ 06 Students of III EEE are completed internship at **Toshiba Transmission and Distribution Systems (India) Pvt.Ltd**, Rudraram, Patancheru during 30/09/14 to 10/10/14.

S. N o.	Roll No.	Name of the student	Name of the Industry / Organization	Duration		No. of Days
				Fr om	To	
1	12WH1A0206	B.HIMA VARSHA	SIE-MENS LTD	21 st April 2014	07 ^h July 2014	20-25 Days
2	12WH1A0207	B.PREETICA				
3	12WH1A0215	E.SUSHMITHA				
4	12WH1A0221	I.ALEKHYA				
5	12WH1A0225	K.NAVYA				
6	12WH1A0226	K.PRIYANKA				
7	12WH1A0227	K.VINUTNA				
8	12WH1A0239	R.HARIPRIYA	AP GENCO Ltd., KTPS, Paloncha	23 rd June 2014	01 st July 2014	1 Weeks
9	12WH1A0231	K.RAVALI	AP TRANS CO, Ramagundam	2 nd June 2014	14 th June 2014	15 days
10	12WH1A0216	B.PRIYANKA	AP TRANS CO, Karimnagar			15 days
11	12WH1A0203	A. ANUSHA	Toshiba Transmission and Distribution Systems (India) Pvt. Ltd	28 th September 2014	10 th October 2014	2 Weeks
12	12WH1A0211	V.MEGHANA				
13	12WH1A0203	K. MANOGHANA				
14	12WH1A0251	V. MOUNIKA REDDY				
15	12WH1A0252	S. RAVALI				
16	12WH1A0254	S. MANASA				
17	12WH1A0214	B. SAI NETHRA				
18	12WH1A0255	T. SINDHUJA	TS Transco 132 KV Substation Nizamabad	16 th December 2014	31 st December 2014	15 days

19	12WH1A0233	M. SRAVANI	TS Transco 132 KV Substation Nizama- bad	16 th	31 st	15d ays
20	12WH1A0256	T. PRAN- ITHA	TS Transco 220 KV Substation Waranagal	D e c e m b e r	D e c e m b e r	
21	12WH1A020 4	A. JYOTHI	TS Transco 132/33 KV Substation Karimna- gar	r 2 0 1 4	r 2 0 1 4	
22	12WH1A0216	B. PRIYANKA		4	4	
23	12WH1A022 0	J. GEETHA	TS Transco 220 KV Substation Medak			
24	13WH1A0239	L.MANISHA REDDY	BHEL, Hydera- bad	15 th	2 9th	15 day s
25	13WH1A0243	P.SWATHI				
26	13WH1A0248	P.SRAVIKA				
27	13WH1A0235	G.HIMABIN DU				
28	13WH1A0233	N.SUCHITRA DEVI				
29	13WH1A020	K.SAI SRIMAI				
30	13WH1A0218	P.SWATHI				
31	13WH1A0246	CH.RAVALI				
32	13WH1A0258	CH.RENUKA DEVI				
33	13WH1A0237	C.ALEKHYA				
34	13WH1A0253	T.SUDEEPTHI				

- ◆ **All the faculty members** (totally 6) of the department had attended two day workshop on **MATLAB & SIMULINK** on 12th & 13th September 2014 under IEEE.
- ◆ **Srinivasa Rao Jalluri** and Dr.B.V.Sanker Ram published a paper on "Short Term Load forecast of a Load Factor System using Neural Network" International Conference on Innovations in Electrical & Electronics Engineering (ICIEE-2014), Guru nanak Institutions Technical Campus & Gurunak Institute of Technology, Hyderabad, September 5 -6, 2014, pp-476-480, ISBN.978-93-82163-55-8
- ◆ **Mr. R. Guruswamy** presented a paper titled "Increasing importance of Industry-Institute interaction in Engineering Education" at International conference on Collaborative learning and World Engineering Education Forum (WEEF-14) at Dubai on 4th to 7th December 2014.
- ◆ **J. Srinivas Rao**, Asst.Professor, EEE Dept has attended a workshop on 'Power Electronic Converters using MATLAB' in CBIT during 29th to 31st of December.

Academic Results

- ◆ Third Year First Semester Toppers for 2012 Batch



Adavelli Jyothi
(77.6%)

12WH1A0204



Ch Venkata Tejashwini
(74.5%)

12WH1A0209



M Bhavani
(74%)

12WH1A0234

- ◆ Second Year First Semester Toppers for 2013 Batch



Kommuri Priyanka
(82%)

13WH1A0222



A Ankitha
(81.5%)

13WH1A0223



Sudeepthi Talla
(81.2%)

13WH1A0253

Faculty Achievements

- ◆ **All the faculty members** (totally 6) of the department were ratified by J.N.T.University, Hyderabad on 3rd June 2014.
- ◆ **Mr. G. Sandeep** registered for **Part-Time Ph D** under JNTU Kakinada in August 2014.
- ◆ **Mr. R. Guruswamy** completed his **Ph D Course work** on the subjects of Intellectual Property Rights and Custom Power Devices subjects held in July 2014 and **Topped** in the subject of Custom Power Devices.
- ◆ **Mr. R. Guruswamy** cleared his **Pre-Ph D Course** held in August 2014 and **Topped** in the subject of Renewable Energy Systems.