

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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Professor & HoD
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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. V Sai Meghana EEE, 3rd Year
5. B Preethi 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.

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

Guest Lectures

- ◆ Guest Lecture on 'Career Opportunities' was conducted for all III year students by Byju's on 1st August 2017.
- ◆ A Guest lecture on 'Engineering Good' was delivered by David Tan Chern Wei from Massey University, Auckland, New Zealand on 10th August 2017 for all the EEE Students.



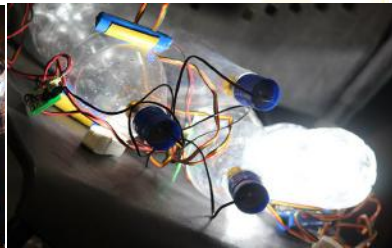
- ◆ Guest Lecture on "Development of Biomass based Renewable energy for electricity generation by using information technology and Numerical methods" was delivered by Dr. Hafeez Basha, Program Manager, Basha Research Corporation for II and III EEE Students on 14th October 2017.



- ◆ Extempore (JAM) was conducted for EEE Students on 2nd September 2017 under the departmental technical association Deeptha.
- ◆ Ignium (Sinonimo, Google it, Perscripta). was conducted for the EEE Students on 16nd September 2017 under the departmental technical association Deeptha.
- ◆ Arduino Mini Project expo was arranged for IV EEE Students on 22nd September 2017 under student technical association IE(I).



- ◆ Debate & Technical Dumb-Charades was conducted for EEE Students on 12th October 2017 under the departmental technical association Deeptha.
- ◆ A Five day Workshop on "Litre of Light" was conducted for the EEE Students from 12th October 2017 to 16th October 2017 under the student technical association IE(I). And the lights were distributed in the slum areas of Bachupally



Workshop

- ◆ A Two day Workshop on PCB Design & Fabrication was conducted for EEE II Year students in Collaboration with ARMTRONICS on 24th and 25th July 2017 under the Student technical associations IE(I) and DEEPTHA,



- ◆ A One Week Faculty Development Program on 'IoT AND EMBEDDED SYSTEM DESIGN USING NI LABVIEW' was organized in association with National Instruments, Bengaluru from 18th December 2017 to 22nd December 2017. under Student technical associations IE(I) and Deeptha.



- ◆ A Two day workshop on :Micro Quad Copter & Competition was conducted for III EEE Students at BVRITH on 08th and 09th August 2017.



Students Achievements

- ◆ Ms. Uponika Barman Roy and V. Sai Meghana, Students of III EEE (2015 Batch) demonstrated their project '**IOT based Water Management**' and received **2 orders**, one from Kalam Planetorium, Vizag and the other from Gullapally Raja Rao Innovation Centre, S.R.Nagar.in NIRD National Project Demo Competition at NIRD Campus, Rajendra Nagar from 6th July 2017 to 8th July 2017.
- ◆ R. Vaishnavi, III EEE (2015 Batch) had participated and won the '**Best project award**' in ORL Makers Garage, under Innovate for Telangana Category at VNR Vignana Jyothi Institute of Engineering and Technology on 5th, 6th and 7th of July 2017.
- ◆ Uponika Barmon Roy, student of III EEE received Certificate of Achievement for Clearing the Online Course on 'Big Data' with 65% from the platform open2study.com, Open Universities of Australia on 1st August 2017.
- ◆ The following Students from 2nd Year I Sem EEE completed Software courses through Solo learn Mobile App.

S. No	Roll No	Name	Course
1	16WH1A0205	B L Sri Harshitha Devi	HTML, Python
2	16WH1A020	Chandragiri Likitha	HTML
3	16WH1A0211	Gonapati Surya	HTML
4	16WH1A0212	Duvvuri Anusha	HTML, Python,
5	16WH1A0214	Jalla Renuka	Python, Java,
6	16WH1A0217	K Bhavana	HTML
7	16WH1A0226	Sucharitha Kolapally	HTML
8	16WH1A023	Palagummi Divya	HTML, Python
9	16WH1A0250	T Shirisha	HTML, Java Script
10	17WH5A020	Kasam Charishma	HTML, Python , PHP
11	17WH5A020	Arekatla Sai Poojitha	HTML, JavaScript, PHP
12	17WH5A020	Jakkula Reshma	HTML
13	17WH5A0211	Kasarla Kalyani	HTML

- ◆ Uponika Barman Roy, G.Nitisha of III EEE, B.Srinija of III EEE and Sai Harshitha and B.Mounika of CSE, presented the idea '**Aquagrid**' in Smart City Hackathon (ShebuildsTech), organized by 'Girls-in-Tech Foundation' held at Vishakhapatanam on 19th and 20th of August 2017.
- ◆ Sai Meghana and R.Vyshnavi of III EEE, K.Mounika of III EEE, Bhagya, Shyama, Pooja and Navya of CSE presented the idea '**Intelligent Ambi**' in Smart City Hackathon (ShebuildsTech), organized by 'Girls-in-Tech Foundation' held at Vishakhapatanam on 19th and 20th of August 2017.
- ◆ M.L.Trijutha, R.Meena, D.Srija , P.Pooja of III EEE and P.S.Rakshitha and Preethi of II EEE were part of the teams who presented the ideas on '**Bus Transportation**' and '**Smart Security**', in Smart City Hackathon (ShebuildsTech), organized by 'Girls-in-Tech Foundation' held at Vishakhapatnam on 19th and 20th of August 2017.
- ◆ S.Shravani, G.Sai Deepika and K.Pranathi of III EEE won **First Prize** for exhibiting a project on '**Automatic Wireless Waterlevel Controller**' in the Project Expo at Mallareddy Engineering College for Women, on 19th August 2017.
- ◆ T. Divya, D.Sai Santhoshi and B.Naga Nikitha of III EEE (2015 Batch) won **First Prize** for their Idea '**Auto cleaning of Solar panels**' in E-summit, by Competing with the startups , in the 'A two day entrepreneurship carnival', at MLRIT Dundigal on 21st and 22nd August, 2017 organized by SUMVN and NucleusTech.
- ◆ Deepika and Swathi of 2013-17 batch of EEE, along with Mr. Guruswamy Revana, Assoc. Professor, published a paper titled '**Direct Torque control for Doubly fed Induction Machine – Based wind Turbines Under Voltage Dips** in the International Journal of Modern Trends in Science and Technology, Vol. 3, Issue No. 9, September 2017.
- ◆ K. Mounika, K Srinija, K Preethi Balakishan and T. Namratha of EEE Second Year Cleared **BEC exam** with B1, B1, A2 and A2 Rankings.
- ◆ V. Sai Meghana, Uponika and Sushmitha from third year EEE got **Runner up** and also qualified for the National Level Event, in "**OpenGovDataHack**" on 4th and 5th November at JNTU, Hyderabad.

Industrial Visits

- ◆ 20 students of III EEE along with Ms. K Bhavya, Asst. Prof. EEE Department attended Campus-connect event by National Payment Co-operation of India in JNTUH on 11th August 2017.
- ◆ Rakshitha.P.S, M.Sukruthi, S.Sruthi Meghana, Swathi Angel, Sudha Srinidhi, K.Ramya Sree, G.Supriya, &P.Vineela of II EEE visited Infosys campus on 10th October 2017.
- ◆ M.Roshini, Y.Sai Roshini, Tabassum, B.Sravani, G.Sai Deepika, B.Sravani, G.Divya Vani, S.Triveni, M.Vandana and B.Ashritha, of III EEE attended the project expo at National Remote Sensing Centre(NRSC) on 6th October 2017
- ◆ Mr. M.Rupesh, Asst.Professor, EEE along with, D.Srija and M.Roshini III EEE, Srinidhi and Rakshitha of II EEE attended I -Telangana meet 'Policy Inauguration for IOT Development and Event Management' at HICC on 10th October 2017.

10	16WH1A 0257	Y.Sreenidhi	Daximac Solutions	04.12.17	17.12.17
11	16WH1A 0250	T.Srihita			
12	16WH1A 0236	P.Divya			
13	16WH1A	K.Suchari			
14	16WH1A 0227	Haripriyanka	Substation Amarchintaha	01.12.17	07.12.17
15	16WH1A 0219	K.Ravyasree			
16	16WH1A 0240	P.Vineela	ITC Ltd, PSPD, Palvoncha	06.12.17	21.12.17
17	16WH1A 0247	S.Sruthi Meghana			
18	16WH1A 0253	T.Namratha	Kesoram Cement Industry Ltd., Peddapally, Telangana	02.12.17	12.12.17

Internships

S. No	Roll No.	Name of the student	Name of the Industry / Organization	Duration	
				From	To
1	14WH1A 0234	G Mallika	Talent Sprint	16.08.17	16.10.17
2	14WH1A 0222	G T L Saranya	Tamada Media	01.06.17	31.8.2017
3	15WH1A 0214	V. Roja Ramani	ODF	20.06.17	05.06.17
4	15WH1A	N			
5	15WH1A	A. Giree-			
6	15WH1A	M Sri			
7	15WH1A 0241	K.Himabin du	NTPC Limited, Ramagundam	16.01.18	30.01.18
8	16WH1A	Rakshitha.	BHEL	04.12.17	12.12.17
9	16WH1A 0209	Sukruthi. M			

Placements

- ◆ B. Divyarani, IV EEE placed in Latent view with a Pay package of 5.0 lakhs PA, wherein the interviews were conducted in SVECW, Bhimavaram on 26th July 2017.
- ◆ 17 Students of IV-I EEE were selected for **Capgemini** on 11th and 12th of September 2017.
- ◆ P Sravya of IV EEE was selected for NTT Data on 18th October 2017.
- ◆ 4 students of IV EEE were selected for Urjanet in the month of October 2017.
- ◆ A Jeevana of IV EEE was selected for Torry Harries on 27th October 2017.

Faculty Achievements

- ◆ Mr.Guruswamy Revana, Assoc.Professor, EEE, along with Ms.Sahithi and Ms.T.Divya of III EEE attended the 5th Edition of 'Engineering the EYE', Srujana Center for Innovation at L. V.Prasad Eye Institute from June 25th to July 1st 2017.
- ◆ Mr.M.Sudheer Kumar, Asst.Professor EEE, accompanied the III year EEE students to VEDIC for a training session on 'Intellectual Learning in Engineering Applications' from 28th June to 1st July 2017.

- ◆ Ms.B.Sujatha, Ms.K.Bhavya and Ms.P.Subhashitha, Assistant Professors of EEE Department attended 'One week Faculty Development program on **Ruby**' in collaboration with IIT Bombay, from 29th June to 5th July 2017.
- ◆ Mr. A. Venkata Ramana Reddy, Asst.Professor EEE, attended the **EXCITE** Program at JNTU Hyderabad on 1st July 2017.
- ◆ Dr. V Rajeswari, Professor & Mr. M. Sudheer Kumar, Asst. Professor, EEE attended the '**Scientific Education Practices**' (SEP) program at VEDIC from 5th July 2017 to 7th July 2017.
- ◆ Dr. Ch. Sunil Kumar as I/C Principal, along with the team from BVRITH, attended VEDIC on 7th Aug 2017 to present the various activities of the college.
- ◆ Dr. Ch. Sunil Kumar, HOD, EEE, along with Mr. Guruswamy Revana and Mr. M. Sudheer Kumar, faculty of EEE attended a session on '**Teaching-Learning methods**' by Dr. Jayasankaran, former Director General of BIMS, at VEDIC on 1st September 2017.
- ◆ Mrs. P. Subhashitha and Mr. M. Sudheer Kumar Asst. Professors from EEE Department attended the '**Inspire Impact Introspect**' Level-1 Workshop at Vedic from 19th September to 21st September 2017.
- ◆ Dr. Ch. Sunil Kumar, HOD-EEE, attended the '**Inspire-Impact -Introspect Leadership**' workshop on 12th and 13th of October 2017 at VEDIC.
- ◆ Dr. V Rajeswari, Professor and Mr. G. Sandeep, Asst. Professor of EEE Dept. attended the **Video Lecture - Recording** Program at VEDIC on 23rd October 2017 and 28th October 2017.
- ◆ Ms. B. Sujatha Asst. Prof. EEE attended a 3-day workshop on "**Inspire-Impact-Introspect**" level-1 workshop at VEDIC from 24th October 2017 to 26th October 2017.
- ◆ Mr. Guruswamy Revana, Assoc. Professor, EEE attended '**Inspire-Impact-Introspect**' level-1 workshop at VEDIC from 9th November to 11th November 2017.
- ◆ Mrs. Amritha. K, Asst. Professor, EEE attended '**DISCOVERY**' workshop at VEDIC on 9th and 10th November 2017.
- ◆ Mr. M. Sudheer Kumar and Ms.Amritha. K, Asst. Professors, EEE, attended the '**Research Readiness Strategies**' workshop at VEDIC on 6th and 7th of December 2017.
- ◆ A paper titled '**Economic Analysis of Rooftop Solar Power Plant at BVRITH – A Case Study**' is published in IJMTST by M. Rupesh, Asst. Prof. EEE, Bhargava K Ravali and B S Leepika of EEE 2013 Batch. ISSN: 2455-3778, Vol.3, No.7,
- ◆ Ms.B.Sujatha and Ms.K.Bhavya, Asst.Professors of EEE Dept, published a paper titled as "**Simulation and Performance of AC Drives using SVPWM Technique**" in IJRITCC, ISSN: 2321-8169, Vol.3, No.7, July, 2017.
- ◆ Ms.K.Bhavya, Asst.Professor EEE published a paper titled "**A High Step Up DC-DC Converter for Photo Voltaic Applications**", in the IJMTST, ISSN:2455-3778, Vol.3, No. 7, July 2017, IF:3.1.
- ◆ Ms. B. Sujatha, Ms. D.Sree Meghana Published a paper titled "**Simulation and Performance of Induction Motor Drive using SVPWM Technique**", in the IJMTST, ISSN:2455-3778, Vol.3, No. 7pp. 223-228, July 2017, IF:3.1.
- ◆ Mr.Guruswamy Revana, Assoc.Professor in EEE Dept., mentored the students at ORL Makers Garage, whose project has won the '**Best Project Showcase**' under Innovate for Telangana category at VNR Vignana Jyothi Institute of Engineering and Technology on 5th, 6th and 7th of July 2017.
- ◆ Ms. B.Sujatha, Asst.Prof.,Renuka devi Chalumuri, K.Baby Lakhshmi published a paper titled "**SIMSCAPE Model of Solar PV Cell with Partial Shading Effect**", in the International Journal for Modern Trends in Science and Technology (IJMTST), ISSN:2455-3778, Vol.3, No. 8, pp. 92-96 August 2017, IF:3.1.
- ◆ Mr. Guruswamy Revana, Assoc.Professor, EEE has completed the online course on "**Mobile Robotics**" Conducted by 'Swinburne University of Technology' through open2study.com.
- ◆ Mr. Guruswamy Revana, Assoc. Professor, EEE along with 2013-17 batch of EEE students Deepika and Swathi, has published a paper titled '**Direct Torque control for Doubly fed Induction Machine-Based wind Turbines Under Voltage Dips**' in the International Journal of Modern Trends in Science and Technology, Vol. 3, Issue No. 9, September 2017.
- ◆ Mr. Guruswamy Revana, Assoc. Professor, EEE received a certificate of appreciation for participating in '**Internship Story Contest 2017**', organized by Internshala, an internship platform, on 25th September 2017. His entry was published in Internshala blog.
- ◆ Ms. B. Sujatha, Asst. Professor, EEE, Completed a 8 week NPTEL Online course and got the certificate with a score of **81%** on '**Introduction to Research**' organized by IIT Madras from 24th July, 2017 to 15th Sep 2017.

Academic Result

- ◆ Ms. K. Pranathi and Sai Deepika and S. Sravani from III EEE and S Shruthi meghana of II EEE participated the “**World Food India Hackathon**”, with a shortlisted proposal based on IoT titled ‘**Crop Yield and Supply Chain Monitoring System**’ at New Delhi on 28th and 29th of October 2017 under the mentorship of Mr. A. V. Ramana Reddy, Ms. P. Subhashitha.
- ◆ Mr. Guruswamy Revana, Assoc. Professor, EEE was invited as a speaker at Katuri Annual Medical Plexus 2017 (KAMP-17) to talk about “**Bio-Medical Engineering Changing dimensions of Health Care**” on 28th October 2017.
- ◆ Mr. G. Sandeep, Assoc. Professor, EEE was invited to deliver a Guest lecture on Power Systems-I at Hyderabad Institute of Technology and Management (HITAM) on 1st November 2017.
- ◆ Mr.Ch.Santosh Kumar, Assoc. Professor, EEE attended a AICTE sponsored two weeks workshop on ‘**Applications of Power Electronics in Renewable Energy Systems (APERES)**’, at CVR College of Engineering, Ibrahimpattanam, from 20th November to 4th December 2017.
- ◆ Dr. Ch Sunil Kumar HOD, EEE was invited to deliver a guest lecture on Power Systems at Mother Teresa College of Engineering, Sathupally on 9th December 2017.
- ◆ Ms. Amritha.K, Asst. Professor, EEE attended a three day workshop on ‘**Inspire - Impact - Introspect**’ at VEDIC from 12th December to 14th of December 2017.
- ◆ Dr. V. Rajeswari, Professor and Mr. G. Sandeep, Asst. Professor, EEE Dept., attended a **Video Lecture Recording program** at VEDIC on 14th December 2017.

◆ Fourth Year First Semester Toppers for 2014 Batch.



Saini Ramya
(78.53%)

15WH5A0204



A Jeevana
(77.47%)

14WH1A0225



D Sowmya
(76.4%)

14WH1A0231

◆ Third Year First Semester Toppers for 2015 Batch



A Babitha
(74.27%)

15WH1A0217



V Sai Meghana
(72.00%)

15WH1A0245



R Meena
(71.2%)

15WH1A0231

◆ Second Year First Semester Toppers for 2016 Batch



K Ravya Sree
(9.5)

16WH1A0219



Ch Sree Pavitra
(9.33)

16WH1A0203



A Supraja
(9.25)

16WH1A0202

◆ First Year First Semester Topper for 2017 Batch



M Likitha
(8.88)

17WH1A0210



C Harini
(8.71)

17WH1A0231



Priya S Joshi
(8.63)

17WH1A0237

Placements for 2014 Batch

Capgemini



14WHIA0204
M Aravinda



14WHIA0209
K Lakshmi Nayana



14WHIA0212
K B N Prashanthi



14WHIA0213
J Puja



14WHIA0215
J S Kalyani



14WHIA0216
A Sri Nandini



14WHIA0218
K Harichandana



14WHIA0219
P Pooja Reddy



14WHIA0222
G T L Saranya



14WHIA0230
B Pravalika



14WHIA0231
D Sowmya



14WHIA0232
K Priyanka



14WHIA0236
A Uma Shankari



14WHIA0237
B Supreetha



14WHIA0250
A Kathare



14WHIA0252
Lubna Afsheen



14WHIA0254
M Apoorva



14WHIA0255
J Tara

Latentview

Urjanet

NTT Data



14WHIA0201
B Divya Rani



14WHIA0215
J S Kalyani



14WHIA0225
A Jeevana



14WHIA0231
D Sowmya



14WHIA0247
B Shravani



14WHIA0207
P Sravya

Torry Harries



14WHIA0225
A Jeevana

...The Techno Spark