

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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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. G Lakshmi Mounika EEE 3rd Year
5. Sidda Ravali 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 wi

Faculty Joined



Mrs. B Sujatha
M.Tech,
Assistant Professor
DoJ: 13th May 2015



Mr A V Ramana Reddy
M.Tech,
Assistant Professor
DoJ: 12th June 2015



Mrs. K Bhavya
M.Tech,
Assistant Professor
DoJ: 12th June 2015

Events organized

- ◆ National Level Technical Fest Medhanvesh 2k15 was Organized by the college on 23rd 24th January 2015, Project Exhibition, Paper Presentation and Technical Quiz were conducted in the department under IEEE, ISTE and IEI student chapters respectively.



- ◆ National Science day was celebrated in the college on 28th February 2015.
- ◆ Traditional day was celebrated in the college on 10th January 2015.
- ◆ Group discussion on “ Are our Politicians Socially Committed or Not?” was conducted on 28th February 2015 under Departmental Technical Association Deeptha.

Students Achievements

- ◆ K.Manisha, V.Sushmitha, B.S.Leepika and A.Pavani of II EEE along with the First year student Sameeha Mohammed, won III Prize for making a short film titled “Swatch Bharath Abhyaan at Educational Institutions”. In JNTUH ‘Srujana 2 K15’ conducted by ABVP from 12th March 2015 to 15th March 2015.
- ◆ C. Alekhya, T. Sudeepthi, P. Swathi, K. Bhargava Ravali, K. Sai. Srimai, M. Sindhuja, K. Hemalatha, Md. Tasleem and Ch. Ravali students of II EEE attended a workshop on ‘Robotics’ conducted by Jay Robotics under IEEE student chapter from 25th to 27th February 2015.
- ◆ K. Bhargava Ravali and K. Ramya students of II EEE attended a workshop ‘YAPPON’ conducted by CSE/IT Dept and Microsoft from 28th February to 1st March 2015.
- ◆ III year EEE students, Ms.Mounika Reddy and Ms.Manasa participated in ‘Devthon’ organized by ISB, BITS Hyderabad, Apollo Hospitals, Kamineni Hospitals and Ministry of Health, Telangana. These students worked on the project regarding to health sector on 23rd and 24th January 2015.
- ◆ The project done by the team of Manasa (student, III EEE) on the topic ‘UBER for Doctors and Patients’ was selected for international conference BioAsia-2015’ at Novotel Hyderabad held on 4th and 5th of February 2015.
- ◆ Ms.K.Sadhvi Reddy, Ms.G.Sravanthi, and Ms.B.Shivani exhibited project titled “Map Identifier for Visually Impaired” at NIT Bhopal, national level project exhibition, IFAST 2015 and Savishkar 2015 conducted on 26th to 28th February 2015.
- ◆ Ms.G.Kiranmai, Ms.B.Preetica exhibited project titled “ Domestic water heating system”. at NIT Bhopal, national level project exhibition, IFAST 2015 and Savishkar 2015 conducted on 26th to 28th February 2015.
- ◆ Ms.K.Mounica, Ms.N.Soumya, Ms.V.Swathi, Ms.V.Meghana exhibited project titled “Automatic plant watering system using solar energy” at NIT Bhopal, national level project exhibition, IFAST 2015 and Savishkar 2015 conducted on 26th to 28th February 2015.

- ◆ P. Sai Lalitha, B. Priyanka and E. Sushmitha of III EEE exhibited a project "Line following Robot" at Medhanvesh - 15 in BVRIT HYDERABAD College of Engineering for Women, Bachupally, Hyderabad on 23rd January 2015 and won **II Prize**.
- ◆ A. Jyothi, E. Sushmitha, P. Sai Lalitha and V. Mounika Reddy of III EEE exhibited a project "33kV/11kV Sub Station Model" at "TECHSONANCE 2015" at Osmania University College of Engineering, Hyderabad during 6th and 7th March 2015 and won **II Prize**.
- ◆ The project 'Indian Map Identification for Blind' done by M. Sadhvi Reddy, G. Sravanthi, B. Shivani and K. Mounika of III EEE got selected for 'Hygea-15' organized by NOVOTEL. The project was exhibited in the event conducted on 11th and 12th of March 2015.
- ◆ K. Ramya and P. Swathi of II EEE exhibited a project "Portable Game Notation" in "PROMETHEAN 2K15" organized by BVRIT, Narsapur (under CSE Dept.) during 18th and 19th March 2015 and won **II Prize**.
- ◆ K. Manoghna & V. Meghana of II EEE has participated in project exhibition titled "Home Security System using GSM Modem" in ADASTRA at SNIST on March 19th 2015 and secured **IInd Prize**.
- ◆ S. Ravali, T. Pranitha, T. Sindhuja & S. Manasa of III EEE has participated in project exhibition titled "Peak Flow Meter" in SPECFIESTA at St. Peters Engineering College, Hyderabad during 26th & 27th March 2015 and secured **Ist prize**.
- ◆ M. Sravani & N. Soemya of III EEE presented a paper titled "Combined Cycle Power Plant in SPECFIESTA at St. Peters Engineering College, Hyderabad during 26th & 27th March 2015 and secured **IInd prize**.
- ◆ P. Swathi & L. Manisha presented a poster titled "Micro Controller & its Applications" in PROMETHEAN 2K15 at BVRIT Narsapur during March 18th & 19th 2015 and secured **Ist Prize**.
- ◆ Y. Chandralekha, S. Swapna Priya and M. Sadhvi 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** Throwball in "Tech Trobhy-2K14" organized by Malla Reddy Engineering College for Women, Hyderabad on 31st October and 1st November 2014.
- ◆ Y. Chandralekha, S. Swapna Priya and M. Sadhvi 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 participated in Throwball, Volleyball and Shuttle Badminton competitions in "VERVE-2015" organized by G.Narayanamma Institute of Science and Technology, Hyderabad on 8th and 9th January 2015 and won **III Prize**.
- ◆ Y. Chandralekha, S. Swapna Priya and B. Sai Nethra 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 participated in Throw ball, Volleyball Shuttle Badminton and Athletics competitions in "7th Indian Open Inter Engineering Collegiate Sports Fest - 2015" organized by VNRVJiet, Hyderabad on 3rd and 4th March 2015 and won **Gold Medal (I Prize)** in Shot-put and Disc Throw, **II Prize** in Volley Ball, **III Prize** in Throw Ball, **III Prize** in Shuttle Badminton and **IV** place in 4X100 Relay.
- ◆ Y. Chandralekha and S. Swapna Priya 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 participated in Throwball, Volleyball Shuttle Badminton and Chess competitions in "AKSHARA 2K15" organized by Malla Reddy Engineering College, Hyderabad on 13th and 14th March 2015.

Industrial Visits

- ◆ III EEE students accompanied by three faculty had one day industrial visit to **Sri Sailam Hydro Electric Plant** on 7th February 2015.
- ◆ II EEE students accompanied by three faculty had one day industrial visit to **Kothagudam Thermal Power Station**, Polvancha, Khammam on 21st February 2015.

Internships

- ◆ Ms.P.Sanjana of III EE had undergone **paid** internship at TMEIC Industrial System India (P) Ltd. From 18th December 2014 to 9th January 2015.
- ◆ G.L.Mounica and Sai Nethra completed Winter Training Internship Program in 'Advanced Robotics' organized by Time Globacom Pvt.Ltd, in association with All India Council for Robotics and Automation from 20th December 2014 to 2nd February 2015.

Faculty Achievements

- ◆ **G.Sandeep**, Asst.Professor, EEE Dept has attended a workshop on 'Fuel Injection' conducted by Usha International Ltd., on 9th January 2015.
- ◆ **Mr.J.Srinivas Rao**, Asst.Professor, EEE Dept has attended NSS Programme Officers' meeting in JNTUH on 30th January 2015.
- ◆ **Mr. R. Guruswamy** won prize at international conference, BioAsia 2015 held in Hyderabad during 2nd to 4th February 2015.
- ◆ **Dr. Chava Sunil Kumar** and **Mr. J. Srinivasa Rao** published a paper titled "Reactive Power Compensation Using Fuzzy Optimization" at **International Conference on Innovations in Computing and Communication (ICICC 2015)** conducted by BVRIT, Narsapur, R.R. Dist. on 12th& 13th February, 2015 ISBN Number: 978-93-82163-59-6.
- ◆ **Mr. J. Srinivasa Rao** and **Dr. Chava Sunil Kumar** published a paper titled "load frequency control of grid connected pv system and diesel generator using fuzzy logic controller " at **International Conference on Innovations in Computing and Communication (ICICC 2015)** conducted by BVRIT, Narsapur, R.R. Dist. on 12th& 13th February, 2015 ISBN Number: 978-93-82163-59-6.
- ◆ **Mr. R. Guruswamy** received appreciation certificate from NIT Bhopal national project exhibition, IFAST 2015 and Savishkar 2015 for guiding two projects, "Map Identifier for Visually impaired" and "Kid Zone" held on 26th to 28th February 2015.

Academic Results

- ◆ Third Year Second Semester Toppers for 2012 Batch



Adavelli Jyothi
(81.87%)
12WH1A0204



P Sai Lalitha
(77.33%)
12WH1A0236



T Sinduja
(76.93%)
12WH1A0255

- ◆ Second Year Second Semester Toppers for 2013 Batch



Sudeepthi Talla
(86.93%)
13WH1A0253



C Alekhya
(85.87%)
13WH1A0237



P Swathi
(83.47%)
13WH1A0243

- ◆ First Year Toppers for 2014 Batch



D Sowmya
(86.9%)
14WH1A0231



J S Kalyani
(82.3%)
14WH1A0215



T Harika
(81%)
14WH1A0228