

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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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. B. Srinivasa Rao, HoD & Prof, EEE
2. Mr. M. Rupesh, Asst. Prof, EEE
3. Dr. S Faith Manjusha Vijayalatha, Asst. Prof, BS&H
4. Ms. Dasari Khyathi, EEE, 3rd Year
5. Ms. Madari Varshini, 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. The institution got UGC Autonomous status from July **2023 onwards for the period of 10 years.** In addition to the regular curriculum, department of EEE provides more practical exposure beyond the syllabus deliberated from second year onwards. The main aim of the Electrical and Electronics 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 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. B.Srinivasa Rao, Ph.D., SMIEEE, LMISTE, FIE. His research areas of interest are Power system optimization with renewable energy sources, multi objective optimization, and integrations of FACTS devices.

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. B. Srinivasa Rao
M.Tech, Ph.D
HoD & Professor
DoJ:27.10.2022.

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 an 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 be vivacious and provide continuous learning. I extend my warm wishes to all budding Electrical Engineers.

Faculty Joined



Dr. Prasanta Kumar Jena
Ph.D
Assistant Professor
DoJ: 30 August 2023

Workshops

- Dr. Prasanta Kumar Jena, Assistant Professor, coordinator for 10 days workshop on "Electric Vehicle Manufacturing with Golf Cart" for II and III year EEE students from 1-11-2023 to 10-11-2023.



Events organized

Guest Lectures

- Dr. B.Srinivasa Rao, Professor & HoD organized a guest lecture on "Basics of EV & BLDC Motor" by Dr. V.Koteswara Rao, Technical Director, VEDAS- Motor Design House, Hyderabad on 9th October 2023 for II, III and IV-EEE students.



- A mini project expo was conducted by IV-Year EEE students on 16th December 2023 afternoon in BEE lab.
- Ms. Babita Gupta, Assistant Professor from EEE department Conducted DIY Diwali Greeting Cards & Diya Decoration competition for all Years on the occasion of Diwali on 10th November 2023.



- EEE department in association with BVRIT IEEE-SB organized a guest lecture on "Power Electronics – Introduction to Variable Speed Technology" by Mr. Mahesh Thodupunuri, Sr. Solution Architect & Global Program Manager at Emerson on 18th October 2023 for III & IV year EEE students .



Students Achievements

- Ms. D. Khyathi bearing Roll No 21WH1A0224 and Ms. K. Unnatha bearing Roll No 21WH1A0227 studying II Year II Sem got an internship at **EDODWAJA PVT LTD** on 23rd June 2023 with a duration of 26th June 2023 to 23rd September 2023 with stipend of 6000 per month with support of Mr. R.Guruswamy, Associate. Prof, EEE and Mr. G. Sandeep, Associate. Prof, EEE.
- Ms.K.Rathnamma bearing Roll.(20WH1A0228),Ms.P.Anusha bearing Roll.no.(20WH1A0229), Ms.K Deekshitha bearing Roll.no (20WH1A0242) Participated in Naveena 2k23 on 15thSeptember 2023 and won first prize.

Industrial Visits

- ◆ Ms. Lahari Polkam bearing roll no 22WH1A0201 II EEE got lected in NXP Women in Tech Program at National level for first year training with 50k stipend. She is one among 60 selects at national wide.
- ◆ Ms.P.Kavya Sri (20WH1A0227) and Ms.G Ramya Naidu (20WH1A0246) of IV EEE students attended Yukti Innovation Challenge Regional meet at Institute of Aeronautical Engineering, Hyderabad and presented poster presentation and idea pitching with the pro type model of **"Web Application for Air Quality Monitoring System using ThingSpeak"** on 11th December 2023 under the mentorship of Ms.B.Sujatha, Associate Professor.
- ◆ Ms.J.Divya (20WH1A0207), Ms.Sneha Manoharan (20WH1A0239) and Ms.R.Likitha (20WH1A0243) of IV EEE students attended Yukti Innovation Challenge Regional meet at Institute of Aeronautical Engineering, Hyderabad and presented poster presentation and idea pitching with the pro type model of **"A Novel Method for Fire Detection and Alarming Notification using IoT Technology"** on 11th December 2023 under the mentorship of Ms.B.Sujatha, Associate Professor.
- ◆ Ms. D Laxmi Prasanna (22WH1A0207), Ms. R Avanti (22WH1A0247), Ms. Ch.Navaya (22WH1A0236) studying II Year I Sem Qualified in the event KIRITI 4.0 conducted by KIM from 17/1/24 to 21/2/2024 under the mentorship of Ms. Sujatha, Asst. Prof, EEE.

- ◆ Ms.Babita Gupta, Assistant Professor organized & visited BHEL Hyderabad along with II EEE students on 23rd December 2023.



- ◆ Mr.R.Guruswamy, Associate Professor & Ms.K.Bhavya, Assistant Professor visited to Mahindra and Mahindra Automobile Plant, Zaheerabad along with III EEE students.



Students Participations

- ◆ Ms. J Divya bearing Roll.No (20WH1A0207), Ms. P Kavya Sri bearing Roll.No (20WH1A0227), Ms. Sneha Manoharan bearing Roll.No (20WH1A0239), Ms.GVS Snehitha bearing Roll.No (20WH1A0240) and Ms. R Likhitha bearing Roll.No (20WH1A0243) students of IV year EEE participated in MSME presentation on 26th August 2023.
- ◆ Ms. S.Sai Jahnvi bearing Roll No (21WH1A0213), Ms. P. Supriya bearing Roll No(21WH1A0216), Ms. D. Poojitha bearing Roll No (21WH1A0221), Ms. K.Tina Sai Sree bearing Roll No(21WH1A0234), Ms. Y. Rakshitha bearing Roll No (21WH1A0247), Ms. G.Devisri bearing Roll No (22WH5A0205), Ms. Cheerla Deekshitha bearing Roll No (22WH5A0215), Ms. D. Nani Patnaik bearing Roll No (22WH5A0220) students Studying II Year II Semester attended a mega workshop conducted by SAEINDIA REEV on 26th August,2023 at Christ University, Bengaluru under the mentor of Dr. Chitturi Sai Krishna, Assistant Professor, BS&H.

Internships

- ◆ Ms. Pragna Angel (20WH1A0211) of III EEE got placed in Center for Health care Entrepreneurship (CFHE), IIIT Hyderabad on 1st Sept.2023 to 30th Nov, 2023
- ◆ Ms.Alluri Pavani Reddy (21WH5A0209) of III EEE got placed in Center for Health care Entrepreneurship (CFHE), IIIT Hyderabad on 1st Sept.2023 to 30th Nov, 2023

Placements

- ◆ Ms. K. Sahitya bearing Roll No. (20WH1A0203), Ms. SK Nafeesa Khaisar bearing Roll No. (20WH1A0236) students of IV- EEE got placed in **GENPACT with 3.6 LPA** on 01-09-2023.
- ◆ Ms. K. Sahitya bearing Roll No. (20WH1A0203), Ms. SK Nafeesa Khaisar bearing Roll No. (20WH1A0236) students of IV- EEE got placed in **GENPACT with 3.6 LPA** on 01-09-2023.
- ◆ Ms.Nishtala.Harini bearing Roll.no (20WH1A0205), Ms.ChallaNethra bearing Roll.no (20WH1A0208), Ms.KareRathanamma bearing Roll.no (20WH1A0228), Ms.PulipatiAnusha bearing Roll.no (20WH1A0229), Ms.AdavellyNavya bearing Roll.no (20WH1A0241), Ms.GanjiAasritha bearing Roll.no, (20WH5A0201), Ms.BushraMahaveen bearing Roll.no (20WH5A0204), Ms.Enikepally Tejaswini bearing Roll.no (20WH5A0207) got placed in Accen-ture with 4.5 LPA.
- ◆ Ms. A. Sony bearing Roll.No. (20WH1A0201) stud-ying IV year I Sem got selected in Hyundai Motors with 8.05 LPA.
- ◆ Ms. A.Sony bearing Roll.No. 20WH1A0201, Ms. N.Harini bearing Roll.No. 20WH1A0205 and Ms. A.Navya ,bearing Roll.No. 20WH1A0241 students IV year I Semester got placed in KPIT Core sector com-pany with 4.5 LPA.
- ◆ Ms.Shaik Nafeesa khaisar bearing roll no - 20WH1A0236 of IV-year I semester EEE student got placed in TVS Motors with 8 LPA on 26th December 2023.

- ◆ Ms. B.Sujatha, Associate Professor Successfully passed and awarded "CII – Certified Professional in Resource Efficiency and Environmental Sustainability" on 28th November 2023.
- ◆ Mr.R.Guruswamy, Associate Professor, Published a paper on "Intelligent Planning and Operation of Power Systems during Load Change: A Case Study of Indian Scenario during Covid-19 Pandemic", Journal of Xidian University, Vol.10, Issue 7, PP- 467-472, oct.2023.
- ◆ Dr.K.Amritha, Associate Professor, Published a paper on "Intelligent Planning and Operation of Power Systems dur-ing Load Change: A Case Study of Indian Scenario during Covid-19 Pandemic", Journal of Xidian University, Vol.10, Issue 7, PP- 467-472, oct.2023.
- ◆ Ms. B.Sujatha, Associate Professor, Published a paper on "Intelligent Planning and Operation of Power Systems dur-ing Load Change: A Case Study of Indian Scenario during Covid-19 Pandemic", Journal of Xidian University, Vol.10, Issue 7, PP- 467-472, oct.2023.
- ◆ Ms. Babita Gupta, Assistant Professor, Published a paper on "Intelligent Planning and Operation of Power Systems during Load Change: A Case Study of Indian Scenario dur-ing Covid-19 Pandemic", Journal of Xidian University, Vol.10, Issue 7, PP- 467-472, oct.2023.
- ◆ Ms. K.Bhavya, Assistant Professor, Published a paper on "Intelligent Planning and Operation of Power Systems dur-ing Load Change: A Case Study of Indian Scenario during Covid-19 Pandemic", Journal of Xidian University, Vol.10, Issue 7, PP- 467-472, oct.2023.
- ◆ Mr.M.Sandeep Kumar, Assistant Professor, Published a pa-per on "Intelligent Planning and Operation of Power Sys-tems during Load Change: A Case Study of Indian Scenario during Covid-19 Pandemic", Journal of Xidian University, Vol.10, Issue 7, PP- 467-472, oct.2023.
- ◆ Ms.Sujatha Banka,Associate Professor, EEE Department, Supriya Kancharla, Thatipelli Purnima,Alampur Thanvi,Likitha Shatdarsanam of 18 Batch students pub-lished the paper titled "Patient Health Monitoring System using IoT Technology",in International Journal of Creative Research Thoughts (IJCRT), ISSN:2320-2882, Volume.11, Issue 10, pp.c276-c282 on 16th October 2023.

Faculty Achievements

- ◆ Dr. R.Manojkumar, Assistant Professor Submitted review of paper titled "Techno-economic Assessment of Grid-connected Photovoltaic Systems for Peak Shaving in Arid Areas Based on Experimental Data" for Energy Reports journal.
- ◆ Dr. R.Manojkumar,Assistant Professor Become pro-gram committee member of IEEE INDICON 2023 conference.

Toppers

Second Year First Semester topper for the Academic Year 2023 -24



Ms.ALLURI AKSHITHA
(23WH5A0201)



Ms.CHINDE AISH-
WARYA
(23WH5A0202)

Third Year First Semester topper for the Academic Year 2023 -24



Ms.BASAMGARI AKHI-
LA
(21WH1A0245)

Fourth Year First Semester topper for the Academic Year 2023 -24



Ms.JAKKULA DIVYA
20WH1A0207

Placements for 2020 Batch

GENPACT



K. Sahitya
(20WH1A0203)



SK Nafeesa Khaisar
(20WH1A0236)

Hyundai Motors



A. Sony
(20WH1A0201)

TVS Motors



SK Nafeesa Khaisar
(20WH1A0236)

Accenture



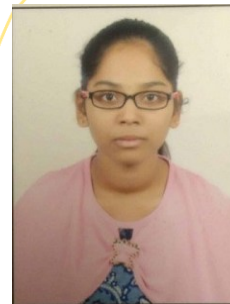
Ms. Nishtala. Harini
(20WH1A0205)



Ms. Challa Nethra
(20WH1A0208)



Ms. Kare Rathanamma
(20WH1A0228)



Ms. Pulipati Anusha
(20WH1A0229)



Ms. Adavelly Navya
(20WH1A0241)



Ms. Ganji Aasritha
(20WH5A0201)



Ms. Bushra Mahaveen
(20WH5A0204)



Ms. Enikepally Tejaswini
(20WH5A0207)

KPIT



Ms. A. Sony
(20WH1A0201)



Ms. N. Harini
(20WH1A0205)