

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

July 2021,

Volume 8, Issue 2,

Dr Ch Sunil Kumar

Professor & HoD

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Editorial Board:

1. Mr. M Rupesh, Asst Prof. EEE
2. Mr. R Guruswamy, Assoc Prof. EEE
3. Dr. S Faith Manjusha Vijayalatha, Asst. Prof. BS&H

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.

Faculty Joined

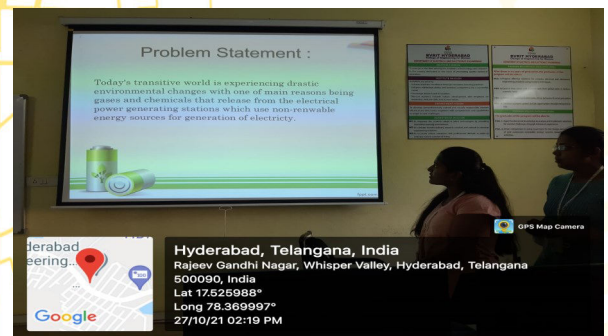


Mr. P Srinivas
Ph.D
Assistant Professor
DoJ: 12th July 2021



Workshops

- Mr.M.Rupesh, Assistant Professor, EEE, conducted **NAVINA -2k21-Technical Idea Contest** as part of **Innovation Day**, on 27th November 2021.



- Mr. Guruswamy, Associate Professor, EEE, in association with Institution of Engineers India, IE(I) conducted competitions on **Essay Writing, Poetry and Poster/ Painting** in view of National Energy Conservation Week 2021, on the theme of **"Energy Conservation"** on 17th December 2021.

- EEE Department Organized a workshop on **"Self-Driving Car"** in association with **Tech Trunk Ventures Pvt Ltd**, Hi-Tech City, Hyderabad from 16th to 18th December 2021.



- Ms.P.Subhashitha & Ms.K.Bhavya Assistant Professors conducted **Extempore** events on 29th December 2021 under Deepthi -Technical Association.

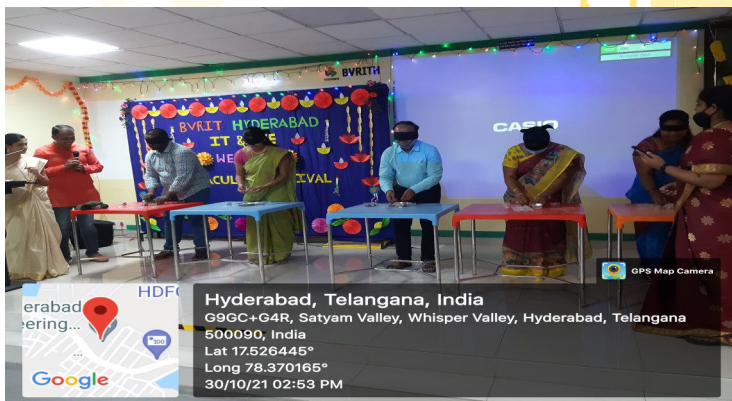
Events organized

Guest Lectures

- A Guest Lecture by Mr. Guru Prasad Reddy on **"Electric vehicle Power train Design"** was conducted by Department of EEE, on 15th September 2021 on the eve of Engineer's Day Celebrations.
- Dr.Ch.Sunil Kumar, Professor and HoD of EEE Department Organized INAE Distinguished Visiting Professor Lecture Program on **"Machine Learning Techniques and Advanced Signal Processing"** from 6th to 8th December 2021 by Prof. Ganapathi Panda, IIT Bhubaneswar (Retd.) under IEEE SB UDBHAVA and IIC of BVRIT HYDERABAD College of Engineering for Women, Hyderabad.

Non Technical Events

- III EEE students arranged **Virtual Farewell Grid-2K21** to IV EEE students on 16th July 2021. Dr.Ch.Sunil Kumar, Professor and HoD and Ms.P.Subhashitha, Assistant Professor from EEE Dept coordinated.
- Department of EEE and IT conducted **Faculty Carnival** on 30th October 2021.



- Department of EEE conducted **Diya Painting event** as a part of **Diwali Celebrations** on 1st and 3rd November 2021.

Faculty Development Programs

- ◆ Department of EEE, conducted a one week online AICTE—Training & Learning (ATAL) Academy Sponsored FDP on “Challenges & Control of Green & Sustainable Energy System using Artificial Intelligence Techniques” from 9th to 13th August 2021 & was coordinated by Dr.Ch.Sunil Kumar, Professor and HoD, Mr. M.Rupesh, Asst Professor.



Students Achievements

- ◆ Ms.B.Sruthi & Ms.P.Sneha from III EEE secured **Second Place** in NAVINA 2k21, on 27th November 2021
- ◆ Ms.K.Pragathi & Ms. A.Spandana of III EEE stood **third** in Diya Painting and Ms. Bhagyalakshmi of II EEE stood **first** in **Making Diya Out of Waste**, conducted as a part of Diwali Celebration 2021 on 1st and 3rd November 2021.
- ◆ Ms.Shalima of III EEE Student along with ECE Students presented the idea on “**Smart Glasses**” and selected in the event **AT Summit at T Hub, IIIT Campus** on 3rd December 2021.
- ◆ Ms.G.RadhaKalyani, Ms.M.Thanmai, Ms.M.Lakshmi Harita of III EEE Students presented the idea on “Design and Development of websites with digital accessibility” and selected in the event **AT Summit at T Hub, IIIT Campus** on 3rd December 2021.
- ◆ Ms.A.Bhuvaneshwari, Ms.Vasavi Chowdary presented on “**Implementation and design of Hybrid Energy Storage System in DC Microgrid Application**” in ATM-21 (ANNAMACHARYA TALENT MEET), A National Level Technical Online Symposium on 26th October 2021 and won Second prize with a cash award of 2000/-
- ◆ Ms.K.Shivani, Ms.S.K.Chandini, Ms.M.Vasavi Chowdary and Ms.A.Bhuvaneshwari proposed with “**Design ,Analysis and Investigation of Advanced Control Scheme for Battery Supercapacitor Based HESS for Electric Vehicle Applications**” for L&T Techgium competition on 17th September 2021 and **abstract was shortlisted for Presentation round** on 23rd November 2021 and presented on 29th November 2021.
- ◆ Ms.K.Shivani, Ms.S.K.Chandini presented on “**Energy Management System of a Microgrid Using Multi agent Systems**” in ATM-21 (ANNAMACHARYA TALENT MEET), A National Level Technical Online Symposium on 26th October 2021.
- ◆ Ms.B.Sruthi, Ms.P.Sneha, Ms.Ch.Likitha and Ms.K.Gayathri from III EEE and won **Second Prize** in Medhanvesh 2K21, A National Level Students’ Tech Fest , held during 25th to 26th November 2021, in Innovation with Proto type model on “**Air quality monitoring and alert system**”.
- ◆ 17 students from IV EEE were placed in **Accenture Company** on 13th October 2021.
- ◆ 18 students from IV EEE were placed in **CTS Company** on 13th October 2021.
- ◆ 21 students from IV EEE were placed in **TCS** on 17th October 2021.
- ◆ Ms.G.Radha Kalyani, III EEE Student participated in the **36hrs CMR Hackathon- Dev Jam** which was held on 10th and 11th of December, 2021 and shortlisted into 12 finalists out of 120 teams.
- ◆ Ms.Shalima, III EEE Student along with ECE Students presented the idea on “**Smart Glasses**” and selected in the event **Edu-Summit AT Summit**, organized by CII-Telangana Innovation Zone on 21st December 2021.
- ◆ 15 students from IV EEE were placed in **LTTTS Company** on 24th December 2021.

Industrial Visits

- ◆ II EEE I Semester Students went on Industrial Visit to **Kanyaka Parameshwari Engineering Limited, Hyderabad** on 17th November 2021.
- ◆ III EEE I Semester students went on Industrial visit to **"Hindustan Aeronautics Limited, Hyderabad** on 15th and 16th December 2021.



Faculty Achievements

- ◆ Ms.K.Amritha, Assoc. Prof. from EEE dept, Ms.Md.Parveen (17WH1A0214), Ms. K Soumya (17WH1A0226), Ms. Harika (17WH1A0235), and Ms.B.Shirisha(18WH5A0203) Published a paper titled **"TCSC-STATCOM Controller for the Voltage Stability Improvement of the Wind Farm Connected to the Grid"** in the International Journal of Engineering and Management Research in Volume - 11, Issue - 4 , August 2021, Page No.254-262.
- ◆ Mr.M.Sandeep Kumar, Asst Prof. from EEE Dept qualified in **Annual Refresher Programme in Teaching (ARPIT-2020)** on **"Big Data Analytics for Smart Grid"** on 15th October 2021.
- ◆ Dr. Ch.Sunil Kumar, Prof. of EEE Department **reviewed 5 Papers** for **ICRTEECI 2021** from 6th to 12th December 2021.

- ◆ Mr.G.Sandeep, Assoc. Prof. in EEE Department presented on **"Design of Solar Power Inverters"** in AIP International Conference on Intelligent Computing Techniques in Electrical Energy System, ICICTEES-2021 on 15th December 2021, Department of Electrical and Electronics Engineering, Francis Xavier Engineering College – Tirunelveli, Tamil Nadu, India.
- ◆ Mr.R.Guruswamy Assoc. Prof., Dr.V.Rajeswari, Prof., Ms. D. Tejaswi (18WH1A0237), and Ms. Babita Gupta, Asstt Prof. from EEE Department presented a paper titled **"Indian Power System Planning and Operation during the Pan India Lights Off Event"** in **ICRTEECI 2021** on 28th December 2021 organized by CVR College of Engineering, Hyderabad.
- ◆ Dr.Chava Sunil Kumar, Prof. of EEE Department, Ms.Shravya Tadi, Ms.Aamani & 17 batch students presented a paper titled **"Energy Management in AC/DC Microgrids: A Modular Simulation Testbed"**, in **ICRTEECI 2021** on 28th December 2021.

Internships

- ◆ Ms.G.Radha and Ms.Ch.Nikitha of III EEE did **internship from TiE, Hyderabad** from 2nd September to 7th October 2021 with paid internship of 8000/-.
- ◆ Ms.Kavya(18WH1A0233) got internship offer on 11th October 2021 from **Atmuskurahat foundation** with a stipend of INR 5000-10000 lump sum.
- ◆ Ms.K.Jahnavi (18WH1A0222) of IV EEE got **paid Internship** offer from **PWC** with 35K on 22nd November 2021.
- ◆ Ms.M.Vindhya Reddy(19WH1A0201), Ms.N.Rishitha (19WH1A0202), Ms.Md Shalima(19WH1A0219), Ms.Md Zeenath(19WH1A0238), Ms.M.L.Haritha(19WH1A0245) and Ms.Md Farheen(196C1A0214) of III EEE students got **Internship offer from Bolt IoT, Bangalore @20000 for 6 months** on 14th December 2021.

Placements

- ◆ 6 students of '17 batch were placed in **DXC Company** on 16th September 2021.
- ◆ Ms.T.Pushpa of '17 batch student was placed in **Zensark Technologies** on 18th September 2021.
- ◆ 2 students of '18 batch students were placed in **Deloitte** with 4.4 LPA on 21st September 2021.
- ◆ 10 students of '18 batch were placed in **Capgemini** with 4.5 LPA on 23rd September 2021.
- ◆ 3 students were placed in **ACS Solutions** on 29th September 2021.
- ◆ 3 students were placed in **Persistent** on 6th October 2021.
- ◆ 14 students from IV EEE were placed in **Accenture** on 13th October 2021.
- ◆ 7 students from IV EEE were placed in **CTS** on 13th October 2021.
- ◆ Ms. Ch.Praharsha (18WH1A0213) from IV EEE got placed in **Valuelabs** on 14th October 2021.
- ◆ Ms.V.Ragamala (18WH1A0252) of IV EEE got selected as Senior Analyst in **Capgemini** with 7.5 LPA on 4th December 2021.
- ◆ Ms.Ch.Praharsha (18WH1A0213) of IV EEE Student got placed in **Latent View Analytics** with 6.5 LPA on 4th December 2021.

Academic Results

Second Year II Sem Toppers for 2020 Batch



A Sony
20WH1A0201



N Harini
20WH1A0205



K.Ratnamma
20WH1A0228

Third Year II Sem Toppers for 2019 Batch



Ch.Sanvitha
20WH5A0207



Ch.Likhitha
19WH1A0243



B.Sruthi
20WH5A0217

Fourth Year II Sem Toppers for 2018 Batch



Ch.Praharsha
18WH1A0213



K.Jahnavi
18WH1A0222



Kavya Swamy
18WH1A0233



N.Srivalli
18WH1A0210



T.Purnima
18WH1A0234



V.Ragamala
18WH1A0252



P.Dharani
19WH5A0204



A.Preethi
18WH1A0205



A.Sravani
18WH1A0206



M.Tejaswi
18WH1A0207



A.Vinitha
18WH1A0219



G.Kavya Sree
18WH1A0220



G.Deepika
18WH1A0221



G.Vaishnavi
18WH1A0224



S.Roshitha
18WH1A0228



D.Tejaswi
18WH1A0237



K.Supriya
18WH1A0240



S.Likhitha
18WH1A0260



V.Udayani
19WH5A0206

Capgemini



T. Purnima
18WH1A0234



N. Sushma
18WH1A0231



V. Ragamala
18WH1A0252



M. Sai Rashmitha
17WH1A0201



G. Nithya
17WH1A0202



K. Jeevana
17WH1A0205



K. Vineela
17WH1A0211



T. Soujanya
17WH1A0213



K. Satwika
18WH1A0232



T. Akanksha
18WH1A0246



K. Supriya
18WH1A0240



Divya M
17WH1A0219



A. Shivani
17WH1A0222



D. Samyuktha
17WH1A0233



Priya S Joshi
17WH1A0237



K. Rithisha
17WH1A0240



N. Srivalli
18WH1A0210



Y. Krishnaveni
18WH1A0256



A. Vinitha
18WH1A0219



D. Tejaswi
18WH1A0237



Harika S
17WH1A0235



J. Pravallika
17WH1A0241



B. Meghana
17WH1A0257



N. Manisha
18WH5A0210

CTS



C. Harini
17WH1A0231



D. Samyuktha
17WH1A0233



P. Srujana
17WH1A0243



C. Anusha
17WH1A0249



V. Ruchitha
17WH1A0259



A. Ganga Pravalika
18WH5A0202



P. Bhavani
18WH5A0211

DXC



P. Nikitha
17WH1A0209



P. Sowmya
17WH1A0221



Sai Niharika
17WH1A0224



M. Divya
17WH1A0227



P. Swarna Rashmi
17WH1A0232



Harika S
17WH1A0235

Zensark



T. Kavya
17WH1A0239

Deloitte



Harika S
17WH1A0235