

**Special points of interest:**

- The long-term dream got achieved
- Eminent personalities from various Industries and R&D Institutions and Faculty experts from reputed organizations shared their expertise through guest and expert lectures and ignited the young minds

Volume I

**IMPRESSIONS****2022****JAN - MAR**

## About The Dept. of EEE

Electrical & Electronics Engineering arena stands tall at the front facet of the newest technology. Moving beyond wires and circuits, the discipline now is taking giant strides as it percolated into cutting-edge technologies. The Department adopted the following approaches for enhancing learning experiences among the students, Self-Learning, Participative Learning, and Problem Solving Methodologies.

The Department is recognized as Research centre by the affiliating university. The average age and experience of the faculty of EEE department is quite significant. The faculty retention ratio of the department is also quite significant. The Department of Electrical & Electronics Engineering was established in the year 1996 offering B.Tech. Program in Electrical and Electronics Engi-

neering (EEE) with an intake of 60, followed by an increase to 120 in the year 2007, 180 and 240 in the years 2012 and 2014 respectively, besides admission under lateral entry scheme.

The B.Tech. (EEE) program is currently being offered with an intake of 210 from the AY 2020-2021. The B.Tech. Program was re-accredited (third cycle of accreditation) by NBA for three years (03.03.2020 to 30.06.2023).

The department also offers M.Tech. Programs with specialization in Electrical Power Systems (EPS), Power Electronics and Drives (PED) with an intake of 18 each. The M.Tech. Program in Electrical Power Systems was also accredited by NBA.

**VISION**

To become the nation's premiere centre of excellence in electrical engineering through

teaching, training, research and innovation to create competent engineering professionals with values and ethics.

**MISSION**

Imparting knowledge through implementing modern curriculum, academic flexibility and learner centric teaching methods in Electrical Engineering.

Inspiring students for aptitude to research and innovation by exposing them to industry and societal needs to create solutions for contemporary problems.

Honing technical and soft skills for enhanced learning outcomes and employability of students with diverse background through comprehensive training methodologies.

Inculcate values and ethics among students for a holistic engineering professional practice.

## The Long-term dream got achieved



DREAM. BELIEVE. ACHIEVE

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## Guest and Expert Lectures

Mr. Naveen Dhiraviam, Program Manager at Trane Technologies delivered an expert lecture on 22<sup>nd</sup> Jan, 2022 and emphasized about the development, introduction, growth, maturity and decline stages of product life cycle.

Dr. Girish Gowd Talapur, Deputy Manager, R&D, Hind Rectifiers Limited, Mumbai, delivered an expert lecture on 22<sup>nd</sup> Jan, 2022 and emphasized about the engines of Locomotives, Battery charging standards and DC micro grid.

Dr. D. Ashalatha, Principal, SVDC, Tirupati delivered an expert lecture on BETI BACHAO BETI PADHAO on 24<sup>th</sup> Jan, 2022 and enlightened about the girl rights.

Mrs. Florina, from Sanjeevani Life Beyond Cancer delivered an invited lecture on 2<sup>nd</sup> Feb, 2022 and created awareness about the cancer.

Dr. Rajasekhara Gaddamanugu, Director, Guru's the life changer & accomplished training professional, IFOCUS Mission, Hyderabad, delivered an expert lecture on 25<sup>th</sup> Feb, 2022 and enlightened the students about the need for the improvement of soft skills for their career development.

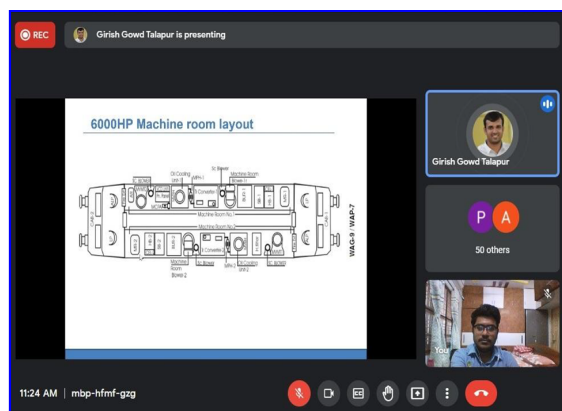
Sri. Naveen Subramaniyan V, Software Engineer in Test, Motor Control Block-Set, Math Works delivered an expert lecture on 9<sup>th</sup> March, 2022 and introduced different techniques to control the machines used in an EV.

Mrs. N. Subashini, Tax manager, KPMG Global services Ltd, Bengaluru interacted with the students on 10<sup>th</sup> March, 2022 and created awareness about the skills required for students to be a part in industry.

Mr. R. Viswanathan, Chief Manager, Power Grid Corporation of India, Bangalore delivered an expert lecture on 17<sup>th</sup> March, 2022 and created awareness on the protection devices using in power system.

Mr. S. Bhavani Shankar, Executive Manager, R&D and Heat IoT, Effctronics Systems Pvt. Ltd, Vijayawada delivered an expert lecture on 21<sup>st</sup> March, 2023 and educated the students about the technological innovation disruptions in digital era.

*"Science is the pursuit of knowledge; technology is the application of knowledge. Together, they shape the world we live in." - Neil de Grasse Tyson*



Dr. Girish Gowd Talapur: Presenting the session



Mr. Naveen Subramanyam V with the participants

## Faculty Development Programs (FDPs)

In the month of January 2022, total 15 members of Faculty attended 07 number of faculty development programs organized by prestigious institutions viz.. Educational Department, Government of Gujarat; APSSDC; VeTech Rangarajan Dr.Sagunthala R&D IST; GPREC, AITS and SVEC.

In the month of February 2022, total 10 members of Faculty attended 05 number of faculty development programs organized by prestigious institutions viz.. MSME, Hyderabad ; NAAC Bangalore; Yogananda College of Engineering and SVEC.

In the month of March 2022, total 14 members of Faculty attended 04 number of faculty development programs organized by prestigious institutions viz.. National Institute of Technology Calicut in association with Virginia Tech, USA; NIT Silchar and SVEC

## Events Organized

A seminar on “FCAR Auto-generation Software Tool for SVEC-19 and SVEC-20 Regulations” by Dr. S. Farook, Professor, SVEC was organized on 05.01.2022.

A seminar on “Financial Savings through Post Office” by Mr. K. Pavan Kumar, Inspector Posts, Tirupati and Mr. S. Chakarapani, Develop-



Awareness program by NSS

sustainable Agriculture using Electrical Appliances was organized in association with NSS Unit, SVEC for creating the awareness on the sustainable agriculture using electrical appliances to the farmers of Bandarlapalli village in the month of Feb, 2022.

An industrial visit to 400kV Substation, Chittoor was organized for the Students of III B.Tech EEE on 26.02.2022.



Industrial visit : 320 kVA DG Set

ment Officer, Postal Life Insurance was organized on 12.03.2022.

An industrial visit to 320 KVA Diesel Generator, SVEC was organized for the Students of II B.Tech EEE on 10.01.2022.

Awareness program on



Industrial visit : 400kV SS, Chittoor

*“Engineering teachers don't just teach equations and theories; they inspire innovation and nurture the next generation of problem solvers.”*

## Achievements

Dr. B. Hemanth Kumar, Assistant Professor; Dr. K. Suresh, Assistant Professor and Dr. S. Prabhu, Associate Professor from Dept. of EEE received the research appreciation award on 18.03.2022 for their contribution towards publications during 01.07.2021 to 31.12.2021.

The Students of EEE bagged the II prize in the “Intra Murals Cricket Tournament-2022” held from 14.02.2022 to 17.02.2022 at SVIS, Tirupati.

2019-22 Batch student Ms. Divya S received ISTE Technical award in the month of March 2022.



II Prize winners with HoD



Ms. Divya S Receiving ISTE Technical Award



## Research

In its stride of enhancing its potential in the spectrum of academics, research is being promoted and carried out within the department.

Widespread of research is being carried in the areas of Power Quality Improvement, High Voltage Engineering, Control Systems, Renewable Energy & Grid Integration, Energy Storage, FACTS, Embedded Systems, IoTs, Online Condition Monitoring of Electrical Apparatus, Special Purpose Machineries, etc.

Total 01 research papers were published in the reputed journal (s).

Total 01 book chapters were published in the Book titled "Intelligent Renewable Energy Systems" published by Wiley.

Total 01 research findings were presented in various reputed international conferences.

Total 01 Projects worth Rs.4.00 Lakh was submitted to AICTE to grab financial assistance for organizing conference.



Dr. B. Hemanth Kumar receiving Research Appreciation Award from the reverend CEO

Dr. K. Suresh (top) and Dr. S. Prabhu (bottom) receiving Research Appreciation Award from the reverend CEO

*Engineering is  
the art of  
precision, the  
science of  
creativity, and the  
soul of progress.*

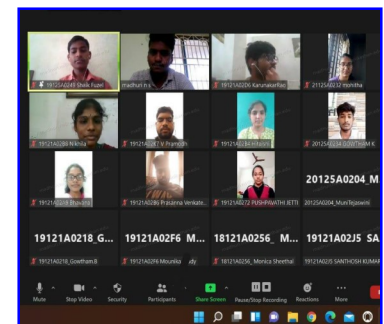
## Students Corner

### ETA

Under the department's student body Electrical Technical Association (ETA), various events viz., Puzzles, Coder challenges, General quiz, Pencil sketch, Seminar, Paper presentation, Rangoli, Debate, Group discus-

sion, Singing, Creative writing, Technical quiz, Poster making, Logo quiz were conducted to enhance the interpersonal and intrapersonal skills of students.

During quarter-1 of 2022, total 15 no. of events were conducted under ETA and total 616 no. of students got participated.



Elocution on republic India



Humming Fest



Career option after graduation





Girls Kabaddi



Boys Volley ball



Cricket Winners



Girls Kokho



Raise the Curtain

*In the world of  
engineering,  
curiosity fuels  
progress, and  
determination  
paves the path to  
success*



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**Dept. of EEE with the Officials of SVEC**

**EDITOR(S):**

**Dr. K. Leleedhar Rao, Associate Professor**

**Student Members:**

*Representatives from M.Tech; IV, III & II B.Tech EEE*

## The Visionary..



**Dr. M. Mohan Babu**

Sree Vidyanikethan Educational Trust (SVET) was established in 1992, it has surpassed many a milestone. As an individual, I have the best memories and biggest learning experiences in life. I believe every individual deserves best knowledge to lead a

better life and knowledge comes with learning – one that is based on doing things right and not merely knowing about how to do them. Learning solutions should be relative to real life, thereby motivating the learner towards gaining and applying the imbibed knowledge, disconnecting the superficial parts and connecting sensible aspects.

At SVEC and transformed MBU, our purpose is to

transform young aspirers into exceptional professionals, our mission is to enhance the aptitudes of those who walk in to acquire knowledge and our dream is to give every young child access to best education and progression in life. Today, I am so glad and happy to see SVEC positioned as one of the best colleges for engineering in India.

**My best wishes to all !!**

**... Dr. M. Mohan Babu**

[www.mbu.asia](http://www.mbu.asia)