

**Special points of interest:**

- Dream -Believe-Achieve: Through MBU
- 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 4

IMPRESSIONS

2022

OCT - DEC

## 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.

## Dream-Believe-Achieve: Through MBU



DREAM. BELIEVE. ACHIEVE

**Inside this issue:**

Guest and Expert Lectures	2
FDPs	2
Events Organized	3
Achievements	3
Research	4
Students Corner	4

## Guest and Expert Lectures

V. Mounica Manager-Drive train in grade L7-Managerial, Motor Controller Design-Automotive Sector Mahindra Electric Mobility Ltd., Bangalore delivered an expert lecture on “Electric Power Train” on 09.11.2022.

Mr. S. Adil, Programmer - Big Data Analyst, Cognizant Technologies, Chennai, delivered a guest lecture on “Programming Languages and its importance in the software profession” on 10.11.2022.

Mr. M. Mahesh Patil, India head, Amphenol delivered an expert lecture on “Technological Innovations in electric vehicle charging” on 19.11.2022.

K. Harish, Ph.D. Scholar, IIT Roorkee delivered an expert lecture on “Multilevel Inverters for Renewable Energy Systems”

on 10.12.2022.

An international expert lecture on “Medical Assistive aide device design for Rehabilitation and Sports Applications” by Prof. Ravindra Thamma Central Connecticut State University, United States was organized on 29.12.2022.



Prof. Ravindra Thamma, Central Connecticut State University, US

*"In the realm of engineering, challenges are opportunities in disguise, and every obstacle is a chance to excel."*



Mr. M. Mahesh Patil, India head, Amphenol

## Faculty Development Programs (FDPs)

In the month of October 2022, total 01 members of Faculty attended 01 number of faculty development programs organized by prestigious institutions viz..Toyota Learning & Development India, Toyota Kirloskar Motor Pvt. Ltd .

In the month of December 2022, total 04 members of Faculty attended 01 number of faculty development programs organized by prestigious institutions viz.. Godavari Institute of Engineering and Technology

## Events Organized

A value added course on “Basic Electrical Application Design Using MSP430 Evaluation Board” was organized for the students of IV B.Tech from 09.11.2022 to 14.11.2022.

An industrial visit to 33 kV/11 kV Substation, APSPDCL, A. Rangampet, Chandragiri was organized under IEEE Student branch on 13.12.2022.

An Awareness programs on “Electrical Energy Conservation” at Pullaiahgaripalli village was organized in association with NSS unit, SVEC on 17.12.2022.

A 3rd International Conference on Energy Control Computing and Electronic Systems (ICECCES-2022) was organized during 29.12.2022 to 31.12.2022.



An Industrial visit to 33 kV/11 kV Substation, Chandragiri on 13.12.2022



Dr. I. Kumaraswamy, Assoc. Professor addressing the Participants of ICECCES-2022.



Honorable Principle, SVEC, Shri Dr. B.M. Satish awarding certificates to the participant of ICECCES

*"The greatest achievements in engineering come from the synergy of intellect, passion, and perseverance."*

## Achievements

Dr. M. S. Sujatha, Professor received “International Academic Excellence Award 2022” in International Institute of Organized Research (I2OR), India.

Dr B. Hemanth Kumar, Assistant Professor received “ Best Paper Award” in an International Conference on Emerging

Dr. K. Leleedhar Rao, Associate Professor was authorized as “Chief Training Officer” by M/s. Advanced Ultra Power Transmission Consultancy (AUPTC), Gurgoan to carry out and coordinate the design, development, delivery and evaluation of technical skills training, learning and development pro-

Trends in Smart Grid, Renewable Energy and Electric Vehicle Technologies (SGREEVC 2022) at K L University, Vijayawada during 28.12.2022 to 29.12.2022.

Dr. D. Suresh Babu, Professor received “Best Researcher Award” by International Scientist Awards on Engineering,

grammes in relevance to electrical system design and green power solutions from 04.11.2022.

Dr. K. Leleedhar Rao, Associate Professor was appointed as “Technical Advisor” by M/s. Roopasree Incense Sticks Manufacturing (RISM), Tirupati

Science and Medicine at International Scientist Awards (INSO 2022).

to support in planning, developing and establishing fully/semi automatic incense sticks making systems and performing technical management.



## 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 09 research papers were published in the reputed journals including SCI, SCOPUS and WOS.

Total 10 research findings were presented in various reputed international conferences.

Total 01 Research Projects worth Rs. 24.25 Lakhs was submitted to CPRI to grab financial assistance.



Dr. K. Leleedhar Rao receiving Ph.D Degree

*"Engineers build bridges between imagination and practicality, turning dreams into tangible accomplishments."*

## Students Corner

### ETA

Under the department's student body Electrical Technical Association (ETA), During quarter-4 of 2022, total 11 no. of events were conducted under ETA and total 1258 no. of students got participated.

### EAC

Under "Electro Affinity Club" \_total 08 no. of events were conducted during quarter-4 of 2022 and total 277 no. of students got participated.

### RDC

Under "Rural Development Club"

total 03 no. of events were conducted during quarter-4 of 2022 and total 90 no. of students got participated.

### SC

Under "Spikes Club" total 06 no. of events were conducted during quarter-4 of 2022 and total 264 no. of students got participated.



Debate



RD Club : Awareness on Energy Conservation



ETA: Chitrapatham Evaluation



EAClub: Spirit of Objection

*"Let your passion for engineering drive you to push the boundaries of what's possible."*



EA Club: Team Building



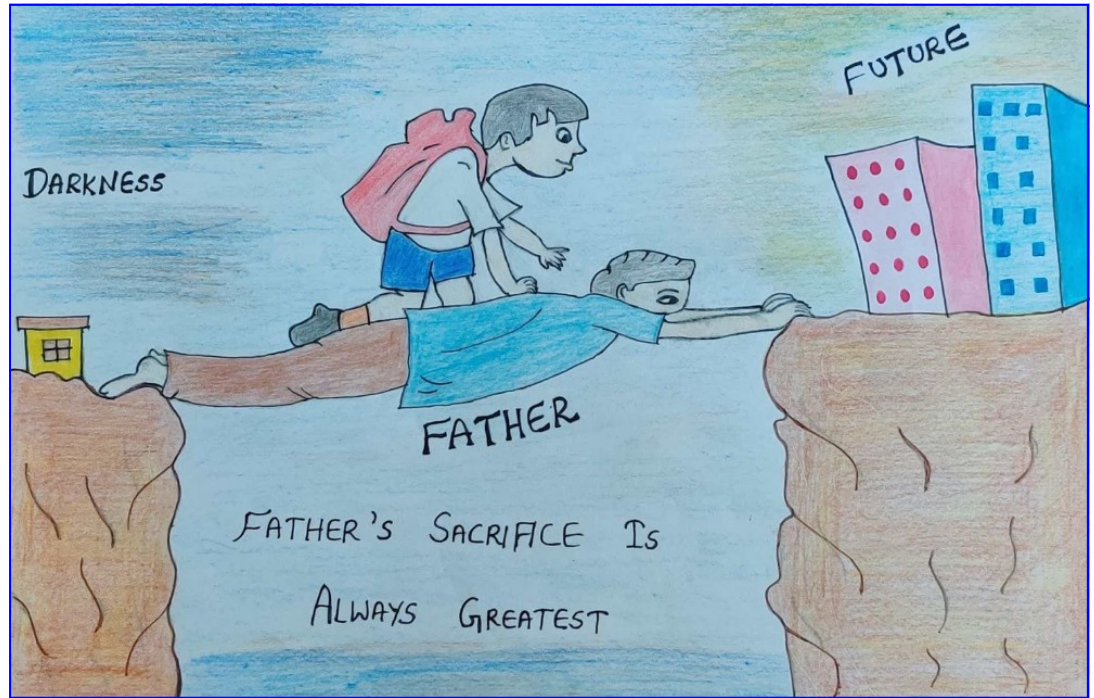
AICTE Idea Lab



Sree Vidyanikethan  
Engineering College  
(Autonomous)

Sree Sainath Nagar  
Tirupati-517102

Website:  
www.svec.vidyanikethan.edu  
E-mail: hod\_eee@vidyanikethan.edu



Art by : Y Akshitha (20121A02H7)

**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