

**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 2

IMPRESSIONS

2022

APRIL - JUNE

## 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

Dr. Venkat Korada, Technologist and Entrepreneur, Founder of symmetric systems, LLC Tirupathi delivered a guest lecture on “Innovation and Entrepreneurship” for the students and members of faculty on 29.04.2022.

Mr. R S S D Sreevatsav, ATS Project Architect, Alstom Transport (S) Pvt. Ltd. delivered a guest lecture on “Technical Careers in ICC Urban” for UG and PG students on 30.04.2022.

Mr. S. Mani Mohan Trinath, Senior Trainer, ACE Engineering Academy, Hyderabad delivered a guest lecture on “Gateway to Higher Education and Career Opportunities through GATE” for the UG students on 05.05.2022.

Mr D V Chalapathi, Superinten-

dent engineer, APSPDCL, delivered an expert lecture on “Expert lecture on Energy crisis in India” for the students and members of faculty on 24.05.2022.

Dr. N. Uttham Kumar, Prof and Head, Dept of English, Adhiya-maan College of engineering, Hosur delivered an expert lecture on “Effective Public Speaking” for UG and PG students on 28.05.2022.

Mr. Parthasaradhi Poli, Scientific Officer-E, Heavy Water Plant, Department of Atomic Energy, Manuguru, Telangana delivered an expert lecture on “Nuclear Energy - A Carbon Free Roadmap to Future” for the students and members of faculty on 07.06.2022.

Arun Vamsi, PO, Bank of India,

delivered a guest lecture on Cake walk through civil services exam for the UG students on 13.06.2022.

G Mahesh, Software engineer, DELL, Hyderabad delivered a guest lecture on “Confronts faced at initial stages of software job” for the UG students on 15.06.2022.

Sri. S.V. Suresh, Art of living faculty, Tirupati delivered an expert lecture on “Yoga for Humanity” for the students and members of faculty on 21.06.2022.

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



Gate-way to Higher Education and Career Opportunities through



Dr. Venkat Korada, Founder of symmetric systems, LLC Tirupathi

## Faculty Development Programs (FDPs)

In the month of April 2022, total 03 members of Faculty attended 01 number of faculty development programs organized by the department of Electrical and Electronics Engineering, SJBIT, Bangalore .

In the month of May 2022, total 15 members of Faculty attended 4 number of faculty development programs organized by

prestigious institutions viz.. Amar Sewa Mandal’s Kamlā Nehru Mahavidyalaya, Nagpur; Supercomputer Facility, Govt. Engg College, Rajkot; Mahatma Gandhi Institute of Technology, Gandipet, Hyderabad.

In the month of June 2022, total 15 members of Faculty attended 06 number of faculty development programs organized by

prestigious institutions viz.. Amar Sewa Mandal’s Kamlā Nehru Mahavidyalaya, Nagpur; Sree Rama Engineering College, Tirupati; Mahatma Gandhi Institute of Technology, Gandipet, Hyderabad; PSNA College of Engineering and Technology, Dindigul; APSECM in association with ASC and Bureau of Energy Efficiency (BEE).

## Events Organized

Training on “Electrical Safety” to create awareness among the students and teachers of ZPHS, Narasingapuram regarding the safe measures to be taken to avoid electric shock was organized in association with NSS unit on 11.04.2022.

One Week Training program on Solar PV System Design & Practice was organized from 19.04.2022 to 25.04.2022.

A seminar on “Electrical, Electronics, Communication and Instruments related Inventions” by Ms. Lavanya Madduri, Examiner-Patent & Design, Indian Patent Office, Chennai was organized on 27.04.2022.

One Week Training program on Solar PV Power Infrastructure Elements was organized from 04.05.2022 to 10.05.2022.

An Awareness Program on “Safety During Crisis using Disha App” by Ms. Supraja, ASP Tirupati was organized on 13.05.2022.

A distinguished alumni interaction series was organized on 21.05.2022.

Awareness session on "Say NO to Tobacco" by Sri Venkateswara Institute of Cancer Care and Advanced Research (SVICCAR), Tirupati was organized on 31.05.2022.

A Project expo to explore students' Innovative idea, creativity and ideas was organized on 31.05.2022.

One Week Training program on Solar PV System Design & Installation was organized from 07.06.2022 to 13.06.2022.

An Awareness program on

"Menstrual Hygiene Management" was organized to provide awareness to the village women of Ramireddypalli village about their Health & Hygiene.

An Industrial visit to 33 kV / 11 kV substation, A. Rangampet was organized by the Department of EEE under IEEE student branch on 21.06.2022.



NSS Team exploring the ZPHS

*“A great engineering teacher ignites the spark of curiosity, lighting the path for students to explore the wonders of S&T”*



An Industrial visit to 33 kV / 11 kV substation, A. Rangampet

## Achievements

Dr. K. Leedhar Rao, Associate Professor, Dept. of EEE received “Best Doctoral Thesis Award (Investigation on Resource Utilization for Green Electricity) in “Pride of India Awards - 2022” organized by the International Council of Social Reforms and Research on 14.04.2022.

Prize Winners of International Hackathon:



## 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 chapter( s) was published in the book titled "SMART ELECTRICAL AND MECHANICAL SYSTEMS"

published by Elsevier.

Total \_\_\_ research findings were presented in various reputed international conferences.

Total 02 Research Projects worth Rs. 44.18 Lakhs was submitted to DST-SERB to grab financial assistance.



A visit to Satish Dhawan Space Centre on 04.05.2022

*"True research is a relentless pursuit of knowledge, guided by curiosity, integrity, and a passion for discovery."*

## 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-2 of 2022, total 03 no. of events were conducted under ETA and total 184 no. of students got participated.

### EAC

An "Electro Affinity Club" a new student club was inaugurated on 29.04.2022.

### RDC

A "Rural Development Club" a new student club was inaugurated on 09.06.2022.



Group Discussion



Inauguration of Rural Development Club



Anti-Drug Campaign : 20.06.2022



Alumni SI –interaction: 13.05.2022



Project Expo



Project Expo

*"Failure will never overtake me if my determination to succeed is strong enough."*

### ISTE ECSTASY WINNERS



Food contest winner



Rangoli



Standup Comedy and Skit



Technical Presentation



Pubg Contest



THE CINEPHILE  
Spikes Club Winners

Sree Vidyanikethan  
Engineering College  
(Autonomous)

Sree Sainath Nagar  
Tirupati-517102

Website:  
www.svec.vidyanikethan.edu  
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**TRADITIONAL DAY: UGADI**



**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)