

## PES Institute of Technology & Management, Shivamogga

### *ELECTRICAL AND ELECTRONICS ENGINEERING NEWS LETTER*

#### VISION

To emerge as leading centre for education in Electrical & Electronics Engineering and to produce entrepreneurs and globally competent engineers with good ethical values

#### MISSION

1. Develop as a centre of excellence for Electrical and Electronics Engineering education, emphasizing in making students to be more innovative in their approach by providing state-of-the-art infrastructure and effective teaching learning process.
2. Contribute to the development of nation by applying their knowledge gained in the thrust areas of power and energy systems.
3. To inculcate value based socially and ethically committed professionals who are able to evolve thoughtfully in response to the needs of the industry, society and the changing world.

#### FACULTY DEVELOPMENT PROGRAM

Department of Electrical and Electronics Engineering conducted a 5-Days online Faculty Development Program on “**Tools and Techniques for Effective Research Writing**” from **07/12/2020 to 11/12/2020**.

The **Eminent Speakers** across the country who hold their **Ph.D** from **IITS, NITS**, are invited to this program to share their views and thoughts in the domain of Research expertise. Total **198 participants** have registered for this FDP and actively participated throughout these days.



#### INVITED TALK

Department of Electrical and Electronics Engineering conducted an online invited talk on “**Advancement in Signals and System**” on **28/12/2020**.

The guest speaker was **Prof. Vidya** ( Professor, Department of Electrical and Electronics Engineering having 22 years of teaching experience), from Global Academy of Technology , Bangalore. In her talk, she emphasized the importance of Signals and System and its application in Electrical Engineering and Electronics Engineering. Around **40 students** from EEE and ECE Departments attended the session.

## STUDENT DEVELOPMENT PROGRAM

Department of Electrical and Electronics Engineering conducted a 3-Days online Student Development Program on “**Guidelines for student project**” from **16/12/2020** to **18/12/2020**.

The **Eminent in-house Speakers** from PESITM are invited to this program to share their views and thoughts in the aspect of Student Projects. Total **128 participants** have registered for this SDP from different departments (EEE, ECE, and CIV) and **58 actively participated** throughout these days.

NO RESISTANCE CAN DROP OUR  
POTENTIAL

## FDP “RECENT RESEARCH DEVELOPMENTS IN ELECTRICAL ENGINEERING”

A Five days online Faculty development programme was successfully conducted in the PES institute of Technology and Management, on **4th – 8th August 2020** by Department of Electrical & Electronics Engineering. The FDP programme received an overwhelming response with **360 plus participants** from various Institutes in and across the state. The resource persons addressed the participants related to their specialization and highlighted the importance of research and its recent developments in the stream.



## QUIZ

Department of Electrical & Electronics Engineering has conducted a National Level online quiz on Control System Engineering during **17<sup>th</sup> – 20<sup>th</sup> July 2020**.

It is with the thought of enhancing the basic knowledge among students and to bring confidence in them related to technical aspects in that particular area. Students from various colleges participated and successfully completed the activity, also the staff's from different colleges actively participated. Total **Participants are 213** in numbers.



## WEBINAR

Department of Electrical & Electronics Engineering in Association with **dbson Universal Power Controls, Tumkur** conducted a webinar on **Electrical Switchgear & Its Applications** by Resource person **Sri DV Shivanand**, CEO of Universal Power Controls, with the invited audience from various Engineering and Polytechnic colleges (faculty & students) on **20<sup>th</sup> Jun 2020**. The key takeaways of the session were latest trends in the switchgear and automation, relays, new inventions and up-gradation with smart features.

Total **150 participants** attended the event and all of them were provided with the E-certificates.

PRERANA EDUCATIONAL AND SOCIAL TRUST (R)  
PES INSTITUTE OF TECHNOLOGY AND  
MANAGEMENT  
N.H. 206, SAGAR ROAD, SHIVAMOGGA - 577204

In association with  
**UNIVERSAL POWER CONTROLS**  
Manufacturers of Electrical Control Panels Since 1983  
# 22, Sathyamangala Industrial Area, Tumkur 572104

Department of Electrical & Electronics Engineering  
Organizing a webinar on  
**Electrical Switchgear & Its Applications**  
20<sup>th</sup> June 2020 Time 11:00 AM - 1:00PM

Speaker  
Mr. Shivanand D. V. BE Elect. C.E.O.  
UNIVERSAL POWER CONTROLS  
An International Award recipient of 25 Years  
in the field of Manufacturing, Design, Production,  
Project Execution of various Electrical Control Panels,  
HV/MV, Motor Control Centers - MCC, Power Control  
Centers - PCC, Switchgear Panels, Automatic  
Power Factor Correction Panels - APFC Panels.

Dr. M Manoj Kumar  
Professor & HOD  
Electrical & Electronics Engineering  
Department  
Maddurahalli  
Mr. Kiran Kumar G H  
Assistant Professor

Go to Meeting

WE STEP UP  
WE TRANSFORM

## DASARA CELEBRATION

On the occasion of dasara festival, ayudha pooja was celebrated at department on **24<sup>th</sup> October 2020**.





## ETHNIC DAY CELEBRATION

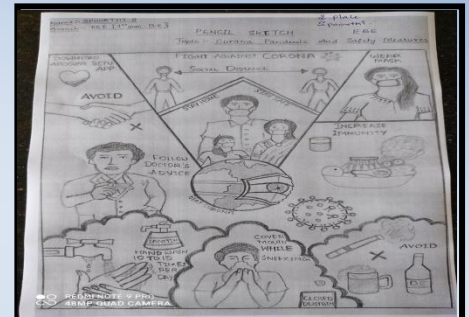
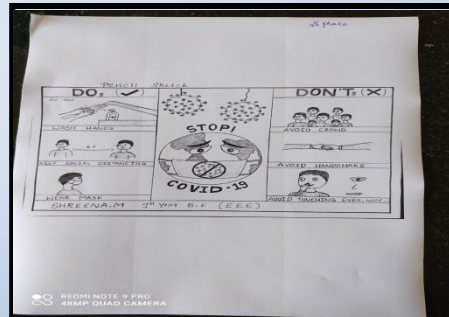
Ethnic day was celebrated at department on 30-01-2021.



IF YOUR HATE COULD BE TURNED INTO ELECTRICITY, IT  
WOULD LIGHT UP THE WHOLE WORLD.

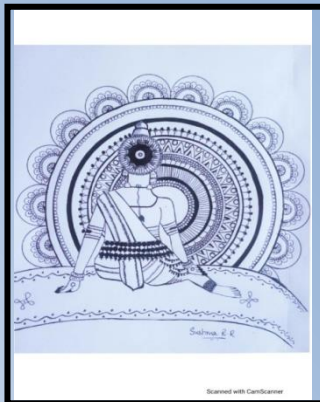
NIKOLA TESLA

## FIRST YEAR STUDENTS WON PRIZE IN THE ACTIVITY CONDUCTED DURING SIP

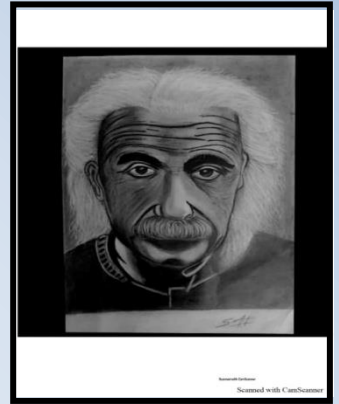
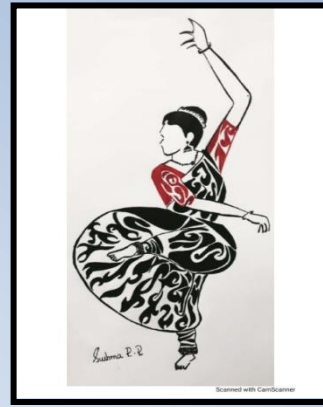
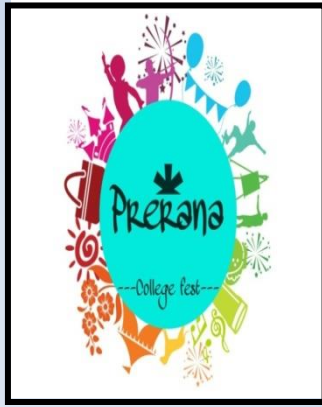




# ART GALLERY







## PLACED STUDENTS



Sindhu NK (4PM17EE047)



Abhishek GM (4PM17EE001)

Blue Danio Softech Solutions (BDSS)

## TOPPERS



Ms. Inchara  
(4PM16EE014)  
8th Sem



Ms. Harsitha SP  
(4pm18ee404)  
6<sup>th</sup> sem



Ms. Sushma RR  
(4PM18EE025)  
4<sup>th</sup> sem



Ms. Yashaswini T  
(4PM19EE034)  
2<sup>nd</sup> sem

## SPORTS



## PARENTS MEETING: 13/02/2021





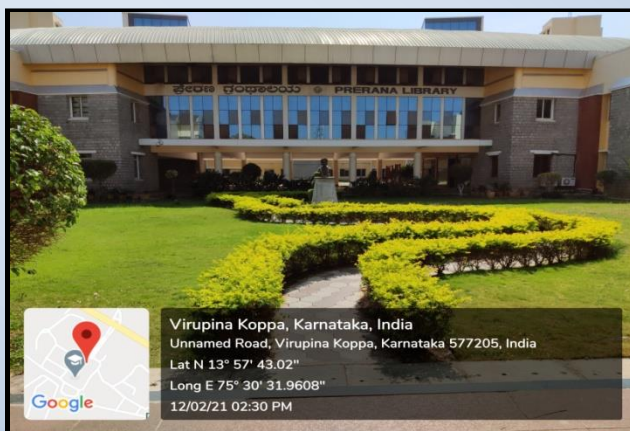
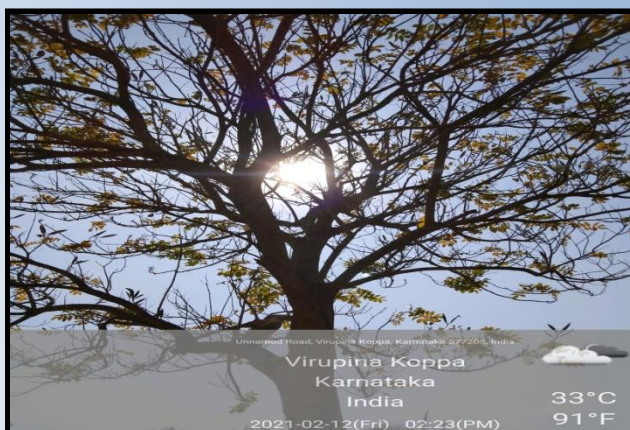
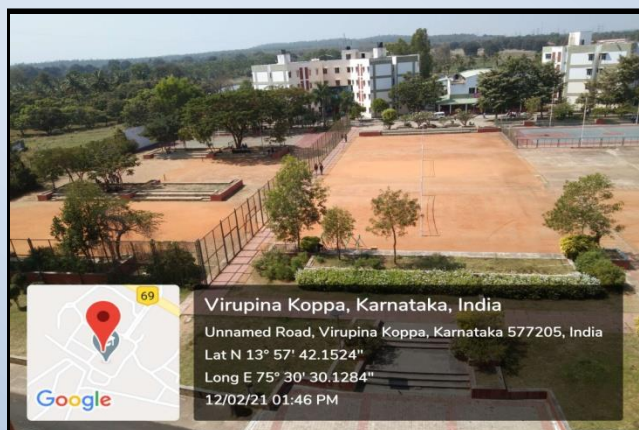
## **FACULTY ACHIEVEMENT: CONFERENCE / FDP /WORKSHOP ATTENDED**

1. Rudresh SJ & Kiran Kumar GR participated in 5-days online FDP on “Operational Planning in Electric Distribution Systems” held from 11<sup>th</sup> -15<sup>th</sup> January 2021 organized by Department of Electrical and Electronics Engineering, BIET, Davanagere, in association with The Institution of Engineers (India).
2. Manasa B & Kiran Kumar GR actively participated in the webinar on “Advances in the Solar Energy Technology” conducted by the Department of Electrical & Electronics Engineering , The Oxford College of Engineering , Bengaluru on 1<sup>st</sup> Jan 2021.
3. Kalpana S has participated in the AICTE Sponsored Online Short Term Training Program on “Advances in Power Electronics to Renewable Energy Systems and E-Mobility applications” organized by Department of Electrical & Electronics Engineering, Anurag University, and Hyderabad, India from 4<sup>th</sup>- 9<sup>th</sup> January 2021.
4. Kiran Kumar GR has participated in the AICTE Sponsored Online Short Term Training Program on “Assembly Line Automation and Machine Building” Phase- 2, during 4<sup>th</sup> -9<sup>th</sup> January 2021.
5. Kalpana S, Manasa B, Kiran Kumar GR, Shruthi S published a paper titled “Emergency DC Injection Breaking” in International Journal of Science & Engineering Development Research, Volume 5 Issue 11, November-2020
6. Shruthi S ,Neetha HM, Kiran Kumar GR, Kalpana S, published a paper titled “Modified High Level DC-DC Converter Based Online Transformerless Uninterruptible Power Supply (UPS)” in International Journal of Scientific Development and Research (IJS DR), Volume 5, Issue 11, November 2020
7. Rudresh SJ presented a paper titled ‘Integration of Solar Photovoltaic Generation in a Practical Distribution System for Loss Minimization and Voltage Stability Improvement’ in the virtual conference organized by the Department of Electrical & Electronics Engineering, NMAM Institute of Technology, and NITTE during 22 and 23 December 2020.
8. Kiran Kumar GR, Neetha HM, Shruthi S, Kalpana S, published a paper titled “Automation Using Arduino for an Energy Save in an IT and Domestic Environment” in Journal of Power Electronics and Devices Volume 6 Issue 3 Year 2020
9. All the EEE department staff attended 5-days online FDP on “Tools & Techniques for Effective Research Writing” held from 7<sup>th</sup> -11<sup>th</sup> December 2020 organized by Department of Electrical & Electronics Engineering, PESITM, Shivamogga.
10. Neetha HM, Manasa B, Shruthi S ,Kiran Kumar GR participated & presented a paper Titled “IOT Based Energy Meter & Billing System For Home Automation Using Thingspeak” in the 3-day International Virtual Conference on Recent Trends In Electrical, Electronics, Telecommunications, Instrumentation Engg., Medical Electronics Engineering and Physics conducted from 7<sup>th</sup> – 9<sup>th</sup> December 2020 organized by department of ECE, ECTC, EIE, EEE, MLE, Physics and the professional society chapters of IEEE, IETE, ISOL.
11. Rudresh SJ participated in 5-days online FDP on "Recent Trends and Emerging Technologies in Solar and Wind Energy Conversion Systems" held from 10<sup>th</sup> – 14<sup>th</sup> August 2020 organized by Dept. of E&E Engineering, J.N.N College of Engineering, Shivamogga, in association with The Institution of Electronics and Telecommunication Engineers (IETE)
12. Kiran Kumar GR has actively participated in AICTE Sponsored - Six-Days Online Short Term Training Programme on” Power Utilities and Artificial Intelligence - Leveraging the Data” during 23<sup>rd</sup> –28<sup>th</sup> Nov, 2020 organized by theDepartment of Electrical & Electronics Engineering, CMR Institute of Technology,Bengaluru- 560 037
13. Shruthi S participated in 5-days online FDP on “Contemporary Research Methodology and LaTeX for Research Documentation” held from 20<sup>th</sup> -24<sup>th</sup> July 2020, organized by Department of Computer science Engineering, GSSSIETW, Mysuru.
14. Shruthi S Participated & Successfully completed AICTE Training & Learning Academy online FDP on “Sensors Technology” held from 21<sup>st</sup>- 25<sup>th</sup> September 2020 at Dr.AIT, Bangalore.
15. All the EEE department staff attended 5-days online FDP on “Recent Research Developments in Electrical Engineering” held from 4<sup>th</sup> -8<sup>th</sup> August 2020 organized by Department of Electrical & Electronics Engineering, PESITM, Shivamogga.



## CO-CURRICULAR ACTIVITIES

MOBILE PHOTOGRAPHY: 12/02/2021



## Call for News Letter Articles

We need articles for future edition of newsletter, kindly share your skills/talent/work by providing a short/in depth article for the next edition of the newsletter. We would like to invite you all to submit a short story article (technical or non-technical/ painting/ sketching/photography/poems /jokes/quotes/ and more. Feel free to communicate with us.

## News Letter Committee

### Editors:

**Dr. Om Prakash yadav, Associate Professor & HOD**

**Mr. Kiran Kumar G R, Assistant Professor**

### Student Members:

**Om Prakash SM, 1<sup>st</sup> Sem, EEE**

**Shreya BS, 1<sup>st</sup> Sem, EEE**

**Sushma RR ,6<sup>th</sup> Sem, EEE**