

# VIDYUTH

## Newsletter



DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

AUGUST 2020 - FEBRUARY 2021

VOLUME 04 | ISSUE 01

### VISION

To equip aspirants with knowledge and experience in their field of Electrical and Electronics Engineering and to prepare them for innovative, creative and successful careers in a global scenario

### MISSION

- To administer the best and most unique programme in Electrical Engineering and prepare its graduates to assume leadership roles and social responsibility.
- To set up broad array of support resources to assist talented students with varying preparations to ensure academic success.
- To facilitate educational experience through interactions with industry, strengthen entrepreneurship capabilities with integration of theory and practice.
- We prepare and empower students to be successful in career with field exposure and industrial interaction.

### PROGRAM EDUCATIONAL OBJECTIVES

- ❖ Graduates will use their mathematical and scientific knowledge to solve emerging real-world problems related to power, electronics, control systems, signal processing and will use their communication, organization and teamwork skills for the execution of complex technological solutions.
- ❖ Graduates will develop in-depth Knowledge to compete in the real world equipped with skills in Electrical Engineering so that they emerge as researches, experts in the domain of Electrical Engineering.
- ❖ Graduates will be empowered to identify, analyze & solve problems with novelty & updated knowledge to meet the societal skill demands with high standards, ethics practices within a commercial environment.

## Editorial Board



We are pleased to present you the first edition of the newsletter "VIDYUTH". The department newsletter is ready to showcase the activities of our students and faculty members. This is a platform for the young and fascinating minds of YIT to showcase their creditability reflecting their talent and achievements.

I take this opportunity to thank all those authors who have contributed the articles and the members of the editorial board and designers. Lastly, I would like to place on record my gratitude and heartfelt thanks to all those who have contributed to make this effort a success.

## MESSAGE



**Prof. Prasanna Kumar**  
Head of Department

I am very proud to say that department of Electrical & Electronics Engineering to bring out newsletter "VIDYUTH". This newsletter enlightens the activities of students and faculty members in and around the campus. I extend my heartiest gratitude to all contributors, faculty, staff & students associated in the endeavor.

**Your work is not to drag the world kicking and screaming into a new awareness. Your job is to simply do your work... sacredly, secretly, silently ... and those with "eyes to see and ears to hear" will respond.' "**

**- The Arturians**

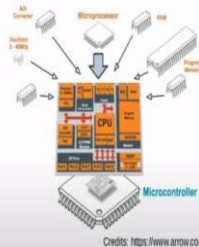
## DEPARTMENTAL ACTIVITIES

Mr. Raghavendra Prabhu, Technical Consultant, KLONEC Automation, Udupi was the resource person.


Dr. R.G. D'Souza, Principal, YIT was the president of this inauguration. Prof. Prasanna Kumar (HOD, EEE), all faculty members and students of EEE department were present during this occasion. The program was coordinated by Prof Akshatha N.M and final year student Mr. Roshan Kumar M.J. A technical talk was delivered by the resource person to students on "Introduction to PIC Microcontrollers". Ms. Shreerakshitha student of final year EEE, conveyed the vote of thanks.

### Microcontrollers

- A microcontroller is a compact integrated circuit designed to govern a specific operation in an embedded system.
- A typical microcontroller includes a processor, memory and input/output (I/O) peripherals on a single chip.
- Selection of MCU:
  - cost
  - maximum speed,
  - amount of RAM or ROM,
  - number or types of I/O pins on an MCU,
  - power consumption
  - development support.



Credits: <https://www.arrow.com/>



*Inauguration of Student Association  
EMERGE - 12th October 2020.  
The inaugural function was held on  
Google Meet virtual platform.*

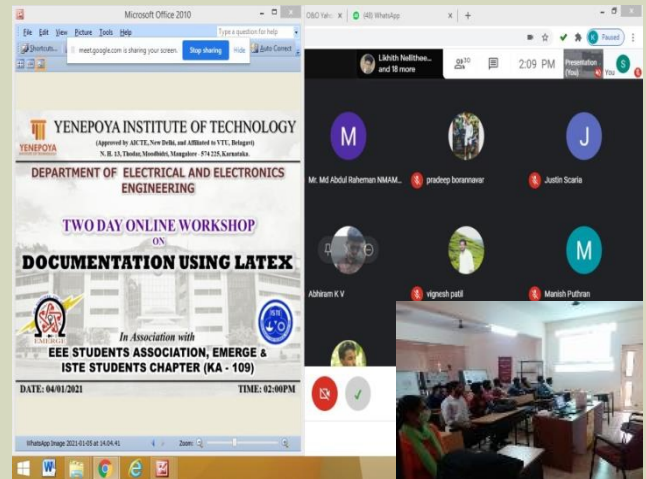


Unnamed Road, Karnataka 574227, India  
Latitude 132.70068 Longitude 7458.69979  
Local 10:03:21 AM Altitude -11.2 meters  
GMT 04:33:21 AM Friday, 18-12-2020

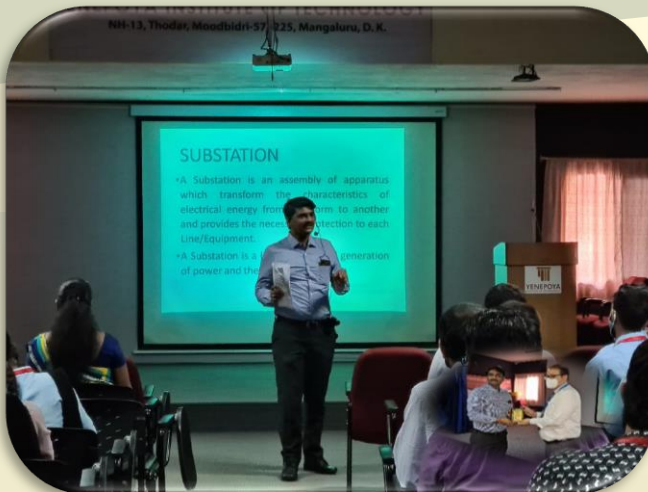
*International Conference ICFEST-2020 held on  
18th & 19th December 2020*



**International Conference IC FEST-2020** held on  
18th & 19th December 2020



Two day workshop on  
"Documentation using Latex"



**International Conference IC FEST-2020** held on  
18th & 19th December 2020

A Technical talk on "Substation Equipment's & Maintenance" was held on 9th January 2021. The talk was organized by Department of Electrical & Electronics Engineering, YIT in association with ISTE.

Prof. Prasanna Kumar, HOD, Dept. of EEE. YIT was the Convener and Mr. G. B. Praveen, Asst. Prof., Dept. of EEE. & Asst. Prof., Dept. of EEE, YIT was the Coordinator. All the faculty members of EEE departments students of 2nd, 3rd and final year students participated in this Technical Talk.



Technical Talk on **Opportunities and Challenges in Embedded Systems".**

A two-day workshop on Documentation using Latex was held through online mode on 4th and 5th January 2021. The workshop was organized by Department of Electrical & Electronics Engineering, YIT in association with ISTE Mr. .M.D. Abdul Raheman, Assistant Professor N.M.A.M.I.T., Nitte was the resource person During sessions speaker spoke on basics of LaTeX. Day – 2 students learnt on LaTeX software and practiced to prepare project report.

Prof. Prasanna Kumar, HOD ,Dept. Of EEE., YIT was the Convener and Mr. G. B. Praveen, Asst. Prof., Dept. of EEE. & Mr. Shankar Pai, Asst. Prof., Dept. of EEE YIT were the Coordinators.

A Technical Talk was organized for 3rd semester students on 22nd February 2021 on "opportunities and challenges in embedded systems". Mr. Raghavendra Prabhu, Technical Consultant, KLONEC Automation, Udupi was the resource person.

### Students Achievements

- ♦ The second year students were participated in Microsoft orientation program on 11th January 2021.
- ♦ The second year students were attended one Day workshop on Entrepreneurship and innovation as a career opportunity on 18th February 2021.

### Placement Details:

Mr. Siddanth Kotian of 8th semester got placed in 3 companies namely INFOSYS, ADHANI & TALENTIO

**Mr. Naveen D'Souza** of 8th semester got placed in ACCORD

**Mr. Ebin Joseph** of 8th semester got placed in DXC Technology

### Faculty Achievements

- ♦ The faculty members were successfully completed one week technical workshop on "Microwave and antenna applications in 5G" in association with IEEE student chapter.
- ♦ Successfully completed the online certification program with NPTEL, COURSERA.
- ♦ Participated in many online webinars.
- ♦ Participated in many Faculty Development Programs.
- ♦ Successfully organized two days International conference ICFEST-2020.

### VTU Results (8th Semester)

Student Name	Percentage
Naveen D'Souza	82
Swamy K.	80

### Newsletter Committee

**Chief coordinator:** Prof. Prasanna Kumar  
(Editor & Design)

**Faculty Coordinator:** Prof. Yogeesh Rao.

**Student Coordinator :** Akhil Shetty, V Semester.