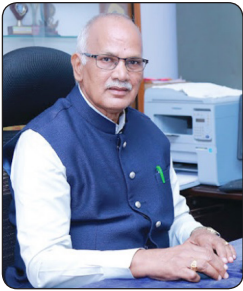




## Message by Academic Director



I am very happy that the campus community has been facing Covid pandemic bravely with equanimity of mind. We shall adopt ourselves to the new situation with innovative and flexible learning and teaching methodologies. Stay Safe and protect your fellow human beings.

**Prof. A. Sessa Rao**

## Message by Principal

Dear All! We are all passing through difficult times due to Covid. Yet our students and faculty are doing great job in carrying out the onerous task of teaching and learning through digital process. In spite of the difficulties our human spirit shall not bow before the obstacles placed in our path. Wising you all the best!



**Dr. J. Sudhakar**

## Message by Head of the Department



I am delighted to share that the Department of ECE has been progressing consistently by registering impressive growth trends in all spheres of academic life prevalent in the campus. I implore my faculty and students to further up this momentum to newer heights of glory. Congratulations to editorial team for wonderful efforts in bringing out this issue of the newsletter.

**Mr. Ch. Ramesh Babu**

## Vision

To emerge as a center of excellence in the field of Electronics & Communication Engineering to produce competent women engineers with ethical values

## Mission

- M1 : To train the globally employable engineers through effective teaching learning process, industry ready skills and value added courses.
- M2 : To promote highr educatio and research initiatives through continuous industry interaction and special skill development programs.
- M3 : To promote ethical values, personality and leadership skills through extra and co-curricular activities.

## Editorial Board

Chief Editor :

**Dr. J. Sudhakar**

Principal

Editor :

**Dr. Ch Ramesh Babu**

Assoc. Prof & HoD-ECE

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Prof. T. Radha Krishna Murty BS & H

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G. Vishnu Priya ( III - ECE )

Ms. P. Harshita ( IV - B.Tech. )

Ms. K. Lakshmi Sravanthi ( III - B.Tech.)

## FACULTY SPHERE

### 1. FDP / Courses Attended by Faculty

- ❖ Mr. B. Sasikanth of ECE attended an FDP on *"Introduction to Research"* conducted by NPTEL from Sep-Nov 2020.
- ❖ Mr. P. Ashok kumar of ECE attended an FDP on *"Deep learning algorithms for computer Vision Applications: An Industry Perspective"* conducted by BITS Vizag on 26-09-2020.

### Courses :

- ❖ Mr. B. Sasikanth done an online course on *"Geospatial Applications for Disaster risk Management"* by IIRS from July-Oct 2020.
- ❖ Mrs. S. Malathi done an online course on *"Innovation in Antenna Design and Analysis"* by Altair India on 09-07-2020.
- ❖ Mrs. M. Dhana Lakshmi Bhavani done an online course on *"Research perspectives & Sustainable applications of Artificial Intelligence in Electrical Engineering"* by Francis Xavier from 21-09-2020 to 26-09-2020.
- ❖ Mrs. Y. Alekhya done an online course on *"Comprehensive Online Patent Information"* by Turnip Innovations on 21-09-2020 to 04-10-2020.
- ❖ Mr. B. Sasi Kanth done an online NPTEL course on *"Introduction to Research"* by Swayam NPTEL from Sep-Nov 2020.
- ❖ Mr. B. Sasi Kanth done an online NPTEL course on *"Introduction to Industry 4.0 and industrial Internet of things"* by Swayam NPTEL from Sep-Dec 2020.

### 2. Faculty publications:

- ❖ Dr. K.V. Ramana Rao Assoc. Prof., published a paper on *"Implementation Strategy To Minimise The Speckle Noise From Polarimetric SAR Data"* in Scopus of Vol. 10, Issue 3, July 2020.
- ❖ Mr. P. Ashok Kumar Asst. Prof., published a paper on *"Design and Comparison of SAR Analysis for Different Antennas"* in Scopus of Vol. 7, Issue 17, July 2020.
- ❖ Ms. GeesalaVijaya Teja Swaroopa Asst. Prof., published a paper on *"Simulation Analysis Of Antenna Coupling Factor For Airborne Applications"* in Scopus of Vol 7, Issue 18, Aug 2020.
- ❖ Dr. K. V. Ramana Rao Assoc. Prof., published a paper on *"Unmanned ground robot for diffusing explosives with surveillance"* in SCI of Vol 13 Issue 31, July 2020.
- ❖ Mrs. S. Malathi Asst. Prof., published a paper on *"V Band Frequency Reconfigurable Antenna For Millimeter Wave Applications"* in Scopus of Vol.79, Issue 15, Sep 2020.

### 3. Workshops Attended

- ❖ Mrs. Y. Alekhya of ECE attended an workshop on *"Technical Writing and presentation with Latex"* Conducted by VIT Vellore from 29-08-2020 to 30-08-2020, Vellore, India.

### 4. Faculty Joining:

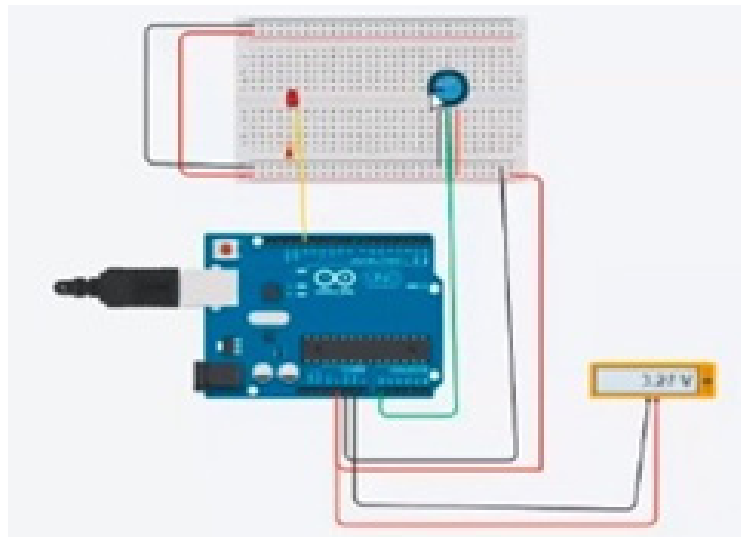
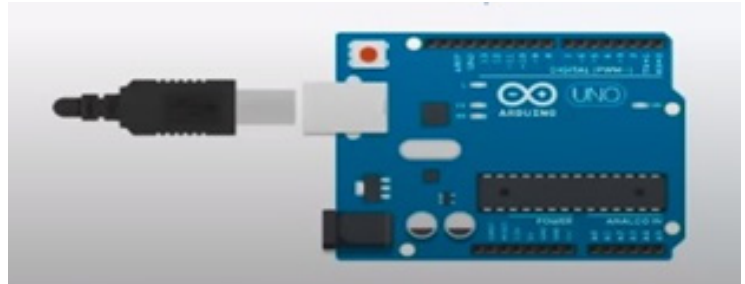
Dr. Swathi Nambari.....	28-08-2020
Mrs. M. Geetha Sruthi .....	26-08-2020
Mrs. S. Chandravathi.....	28-08-2020
Mr. P. Ashok Kumar .....	31-08-2020
Mr. G. Swami Naidu.....	31-08-2020

## ARENA @ STUDENTS

Workshop on TINKERCAD From 20-07-2020 to 22-07-2020

A 3 day Online Training Workshop on Embedded & IOT application using Tinkercad Simulation Tools was conducted from 20th July 2020 to 22nd July 2020 for the first year students. Approximately 130 Students are actively participated in the workshop. The resource persons are:

A presentation was given by Mr. Ch.RameshBabu, HoD-ECE of Vignan's Institute of Engineering for Women on 20th July 2020 who enlightened the participants on the use of Internet of Things(IoT) in practical applications and their role in COVID-19like Sanitizer applications in Embedded Systems.



120 II B. Tech. students of the Department of ECE, VIEW have appeared for NPTEL Certificate examination conducted by Texas Instruments on Embedded System Design using MSP 430 and have completed their assignments and received their certificates.



## STUDENT ARTICLE

As the world seeks to slow the pace of climate change, preserve wildlife and support billions of people, trees inevitably hold a major part of the answer. Yet the mass destruction of trees deforestation continues, sacrificing the long term benefits of standing trees for short term again.

Forests still cover about 30 % of the world's land area, but they are disappearing at an alarming rate. Since 1990, the world has lost 420 million hectares or about a billion acres of forests. About 17% of the amazonian rainforest has been destroyed over the past 50 years.

We can avoid deforestation by planting more and more trees. Ensuring single packaging and using sustainable products. Recycling products can also help maintaining balance in nature.

**DASARI PALLAVI**

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## EDUCATION IS THE KEY TO SUCCESS

I see education as the key to having a successful future. Many may say that what our teachers teach us in class may not be worth any of our time when really all they are trying to do is set us on the right path for the future.

Education lessens the challenges you will face in life. The more knowledge you gain the more opportunities will open up to allow individuals to achieve better possibilities in career and personal growth. I also believe education is important. Education is the reason why our world is a better place.

“Education is the most powerful weapon which you can use to change the world” once said by a wise man Nelson Mandela, and this is why I strongly believe education is important.



**VIGNAN'S**  
**INSTITUTE OF ENGINEERING FOR WOMEN**

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