# COMPUTER SCIENCE AND ENGINEERING

*Newsletter : JAN-JULY 2023*



## INSTITUTE MISSION

- Create conducive environment for learning and research.

- Establish industry and academia collaboration.

- Ensure professional and ethical values in all institutional endeavors.

## INSTITUTE VISION

"To be an Institute of Excellence in Engineering education and research, producing socially responsible professionals"

# DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

*Newsletter : JAN-JULY 2023*



The Department of Computer Science and Engineering has been actively promoting the development of students' skills and attributes through various events and initiatives.

The Department of Computer Science and Engineering conducted a range of technicalevents in collaboration with our esteemed alumni. These events covered a wide range of topics, including project reports using LaTeX,expert talk on professional journey of an Alumnus,Up skill-Reskill,Industry 4.0,Computer Technology from sand to consumer world. The students were able to interact with alumni, build their network, and gain valuable insights into their respective fields.

In celebration of World Earth Day, the plants were sampled in the department garden.This was an important initiative to raise awareness about the need for environmentalconservation and sustainability.

The department also held an event called AURA, which showcased the best projects from our students. The presentations were of an exceptional quality and the best projects were awarded.

Finally, the department has achieved great success through placement of students in corporates, by publishing a patent and publications in peer reviewed journals that havemade a significant contribution to the research community. These achievements demonstrate our commitment to advancing the field of computer science and engineering and driving innovation in our field.

I am happy to present this edition of the newsletter, and I hope it provides you with valuable insights into the exciting developments taking place in our department.

**Dr. Geetha Kiran A**
Prof. & HoD, CS&E

## DEPARTMENT VISION

"To become a prominent department of Computer Science & Engineering producing competent professionals with research and innovation skills, inculcating moral values and societal concerns"

## DEPARTMENT MISSION

- Provide learning ambience to generate innovative and problem solving skills with professionalism

- To create facilities and expertise in advanced computer technology thereby promote research.

## EVENT NAME : A talk on "A Professional journey of an Alumnus and Future Career Demands"
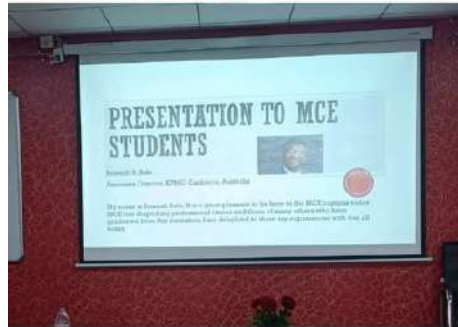


**Title:** A talk on **"A Professional journey of an Alumnus and Future Career Demands"**

**Date:** 4th January 2023
**Target Audience:** 2nd year CS&E students
**Resource erson:** Ramesh R. Bale, Associate Director, KPMG, Canberra, Australia, MCE - CS&E Alumni Batch (1983).

"Education is the most powerful weapon which you can use to change the world"
– Nelson Mandela

## EVENT NAME : Industrial Visit to CYBERVERSE, MYSORE

### DEPARTMENT MISSION

- Enhance Industry Institute Interaction program to get acquainted with corporate culture.

- To induce ethical values and spirit of social commitment



**Title: Industrial Visit to CYBERVERSE, MYSORE on 6th January 2023 for 3rd year CSE students.**

Cyberverse Foundation, a Section 8 company, is an organization dedicated to building a robust cybersecurity ecosystem in India.

## EVENT NAME : Two-day workshop on "Beyond Boundaries" on building circuits using Virtual Reality



Title: Two-day workshop on "Beyond Boundaries" on building circuitsusing Virtual Reality

Two-day workshop titled "Beyond Boundaries" on building circuits using Virtual Reality. The workshop was conducted on the 10th and 11th of February 2023. The workshop aimed to build circuits using VR and integrate the same with hardware.

## PROGRAM EDUCATIONAL OBJECTIVES

- **PEO-1:** Graduates will be efficient software developers in diverse fields and will be successful professionals and/or pursue higher stud**ies.**

- **PEO-2:** Graduates will be capable to adapt to new computing technology for professional excellence and research and will be lifelong learners

## EVENT NAME : White Board Activity
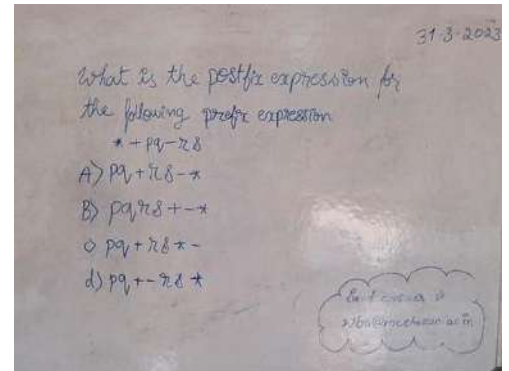


**White Board Activity** is conducted in the department every week and winner of the week is awarded. This activity is conducted to develop competitive mindset in students of the department.

"The more that you read, the more things you will know, the more that you learn, the more places you'll go."
—Dr. Seuss.

- **PEO-3:** Graduates will work productively exhibiting ethical qualities for betterment of society.

- **PEO-4**: Graduates will possess leadership qualities , work harmoniously in a team with effective communicative skills.

## EVENT NAME : Expert Talk on Up skill –Reskill –Upscale-Repeat



**Title:** An expert talk on **"Up skill –Reskill –Upscale-Repeat "**
**Date:** 21$^{st}$ February 2023
**Target Audience:** CS&E students
**Resource person:** Mr.Nishanth HN,
 MCE-CSE Alumni Batch (2012-2013)
**Program Co-Ordinator:** Mr.B B Neelakantappa,
 AssociateProfessor, CS&E, MCE.

## EVENT NAME : Expert talk on "Computer Technology from Sand to Consumer World"



**Title:** Expert Talk on **"Computer Technology from Sand to Consumer World"**
**Date:** 22$^{nd}$ and 23$^{rd}$ February 2023
**Target Audience:** CS&E Students.
**Resource person:** Prof.Dr Suresh Babu. MCE, Hassan

> "What makes a child gifted and talented may not always be good grades in school, but a different way of looking at the world and learning." —Chuck Grassley

## EVENT NAME : Expert talk on "Industry 4.0 "



Expert Talk on Industry 4.0 by Prof. Amarendra H J on 28th February, 2023. The talk focusses on various aspects of Industry 4.0. Manufacturers are integrating new technologies, including Internet of Things (IoT), cloud computing and analytics, and AI and machine learning into their production facilities and throughout their operations

## EVENT NAME : Workshop on LATEX



**Title:** WORKSHOP ON LATEX
**Date:** 24th March 2023
**Target Audience:** CS&E Students.

> "The ability to read, write, and analyze; the confidence to stand up and demand justice and equality; the qualifications and connections to get your foot in the door and take your seat at the table — all of that starts with education." — Michelle Obama

## EVENT NAME : Earth day celebration



**Title:** World Earth day celebration
**Date:**28<sup>th</sup> April 2023
**Target Audience:** CS&E Students.

## EVENT NAME : Inauguration of CS&E Innovation Club



**Title:** Inauguration of CSE Innovation Club
**Date:** 5<sup>th</sup> June 2023
**Target Audience:** CS&E Students.

> "The purpose of learning is growth, and our minds, unlike our bodies, can continue growing as we continue to live."
> —Mortimer Adler

## EVENT NAME : AURA 2.O



**Title:** AURA 2.O
**Date:** 19th June 2023
**Target Audience:** CS&E Students.

## EVENT NAME : Inauguration of IEEE COMPUTER SOCIETY STUDENT BRANCH CHAPTER



**Title:** Inauguration of IEEE COMPUTER SOCIETY STUDENT BRANCH CHAPTER
**Date:** 22nd July 2023
**Target Audience:** CS&E Students.

# PLACEMENTS

| COMPANY  NAME | NUMBER OF STUDENTS PLACED | Date |
|---|---|---|
| TOSHIBA | 08 | 25 Jan 2023 |
| YOKOGAWA | 02 | 30 Jan 2023 |
| INTEVA PRODUCTS | 03 | 08 Feb 2023 |
| QUEST GLOBAL | 02 | 09 March 2023 |
| Q SPIDERS TRAINING | 01 | 30 March 2023 |
| SONATA SOFTWARE | 05 | 05 April 2023 |
| ETHNUS TRAINING | 03 | 13 April 2023 |
| FIDELITY | 02 | 17 April 2023 |
| X WORKZ | 06 | 20 April 2023 |
| KGIS | 03 | 05 May 2023 |
| RINEX TECHNOLOGIES | 02 | 09 June 2023 |

# PUZZLE
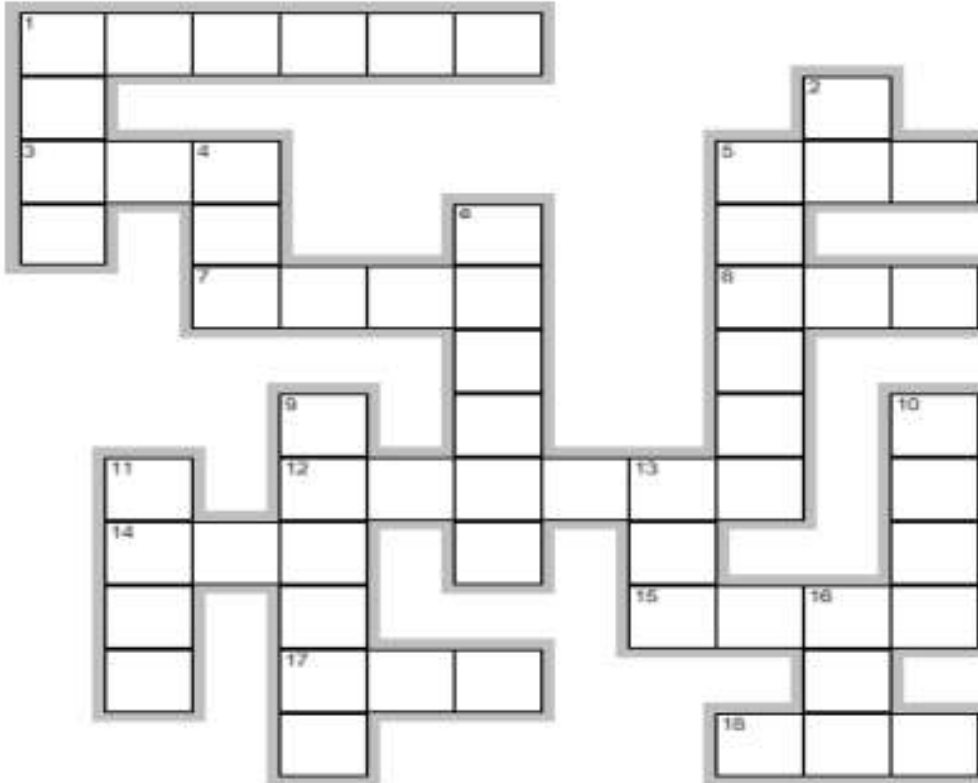


## Across

1.  Universal
3.  Tea pot
5.  Earth
7.  Data Structure
8.  Posses
12. Sea related
14. Health Club
15. Competition
17. Night Bird
18. Error

## Down

1.  Paste
2.  That man
4.  Basic Logic gate
5.  World at finger tips
6.  These animal crosses the road always
9.  Giant in online marketing
10. Dice
11. Soon Internet Slange
13. Exist
16. Heart of Computer

# PUBLICATIONS

- **Dr.GEETHA KIRAN A** : "Computer Assisted Disease Diagnosis Syndrome using LIP" , IEEE 2023 World Conference on Communication and Computing , Raipur,India . Accepted for publication 2023

- **SUNITHA P** : "A fully labelled image dataset of banana leaves deficient in nutrients", Data brief,Elsevier,Vol.28https://doi.org/10.1016/j.dib.2023.109155 ,April 2023

- **SUNITHA P** : "Virtual fencing for mobile silencing", International Journal of Engineering Research in Computer Science and Engineering (IJERCSE),Vol 10,Issue 4,pp-45-48 ,2023

- **SUNITHA P** : "Arduino based solar tracker in dual axis", International Conference research in Engineering & Technology - 4th ICCRET-2023 Chirala, Andhra Pradesh ,2023

- **MARGARET R E** : "Arduino based solar tracker in dual axis", International Conference research in Engineering & Technology - 4th ICCRET-2023 Chirala, Andhra Pradesh ,2023

- **MARGARET R E** : "Virtual fencing for mobile silencing", International Journal of Engineering Research in Computer Science and Engineering (IJERCSE),Vol 10,Issue 4,pp-45-48 ,2023