



MALNAD COLLEGE OF ENGINEERING
(AN AUTONOMOUS INSTITUTION UNDER VTU,
BELAGAVI) HASSAN, KARNATAKA 573202, INDIA



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 technical events 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 environmental conservation 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 have made 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

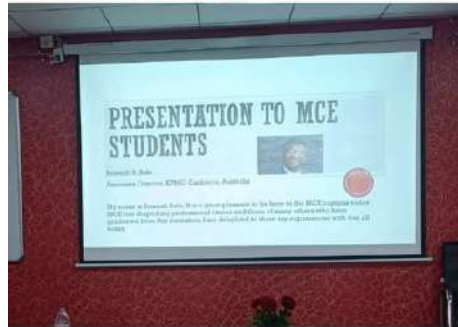
DEPARTMENT VISION

“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 person: 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

DEPARTMENT MISSION

- Enhance Industry Institute Interaction program to get acquainted with corporate culture.
- To induce ethical values and spirit of social commitment

EVENT NAME : Industrial Visit to CYBERVERSE, MYSORE



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



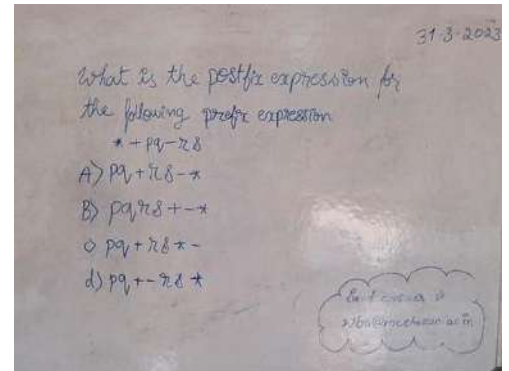
Title: Two-day workshop on "Beyond Boundaries" on building circuits using Virtual Reality

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.

EVENT NAME : White Board Activity

PROGRAM EDUCATIONAL OBJECTIVES

- **PEO-1:** Graduates will be efficient software developers in diverse fields and will be successful professionals and/or pursue higher studies.
- **PEO-2:** Graduates will be capable to adapt to new computing technology for professional excellence and research and will be lifelong learners



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.

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



ABOUT THE RESOURCE PERSON

- B.E in CSE with a CGPA of 8.22, 8+ years of work experience in Storage and Servers Domain.
- Completed the "Diploma in Java Technologies" course at NIT, Mysore in 2013.
- Started my career with HCL Technologies, Chennai as a Manual Tester in May 2014.
- Worked for Foray Software, UST Global and Fubeva Technology for clients McAfee, Intel and AMD respectively from 2017-2020 mainly as a Python-Automation Engineer.
- Currently working as a Senior System Software Designer at AMD (Advanced Micro Devices) from August 2020.
- Proficiency in Python Automation and Development, Django Full Stack Web Development Skilled in WVDG, Certification, MongoDB, MySQL, OR, Hadoop, OS, Jenkins, Docker, Kubernetes.
- Received 2 Spotlight awards from AMD in 2022 for outstanding performance in tool testing contributions, automation framework development and enhancements.

ACHIEVEMENTS with MCE

- Represented VIU for 3 consecutive years in the Inter-University Chess Zonal levels from 2009-2011 securing 4th place in 2009 and 2010, 6th place in 2011 at Tamil Nadu. 3rd place in All India Inter-University Chess Championship held at Kolkata in

CHIEF PATRON
Sri Ashok Haranahalli
Chairman, MTESE, Hassan

PATRONS
Sri C. M. Thimmappa Gowda
Vice-Chairman, MCE, Hassan
Sri R. T. Dyave Gowda
Secretary, MTESE, Hassan
Dr. D. C. Aravind
Joint-Secretary, MTESE, Hassan
Sri S. O. Sridhar
Treasurer, MTESE, Hassan
Dr. S.Pradeep
Principal, MCE, Hassan

PROGRAMME CO-ORDINATOR
Mr. B. B. Neelakantappa
Associate Professor
Training and Placement Officer
Department of CSE
MCE, Hassan

PROGRAMME CONVENOR
Dr. Geetha Kiran A.
Professor and Head,
Department of CSE
MCE, Hassan

BENEFICIARIES
CSE students

**Malnad College of Engineering
Hassan, Karnataka
(An Autonomous Institute under VTU, Belagavi)**

EXPERT TALK ON
"Up skill-Reskill-Upscale-Repeat"
on
21st FEBRUARY 2023
6.30 P.M. (VIRTUAL)
By
Mr. Nishanth H.N.
2012-13 Alumnus
Organized by:
Department of Computer
Science and Engineering

**Malnad College of Engineering
Hassan-573 202, Karnataka
Accredited by NBA**

Title: An expert talk on “Up skill –Reskill –Upscale-Repeat ”

Date: 21st 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,

Associate Professor, CS&E, MCE.

EVENT NAME : Expert talk on “Computer Technology from Sand to Consumer World”



MALNAD COLLEGE OF ENGINEERING, HASSAN
(An Autonomous Institute affiliated to VTU, Belagavi)

Department Of Computer Science & Engineering
Welcomes all to
Technical Talk
On
“Computer Technology from Sand To Consumer World”

Speaker :
Dr. C. S Suresh Babu
Professor, Dept. of EIE
MCE, Hassan

22nd and 23rd Feb 2023
11 AM
Room No. CS905

Hassan, Karnataka, India
Hassan, 24F3+44Q, Rangoli Halla, Hassan,
Karnataka 573201, India
Lat 13.022776°
Long 76.102773°
22/02/23 12:58 PM GMT +05:30

Hassan, Karnataka, India
Hassan, 24F3+44Q, Rangoli Halla, Hassan,
Karnataka 573201, India
Lat 13.022872°
Long 76.102884°
22/02/23 12:26 PM GMT +05:30

Title: Expert Talk on "Computer Technology from Sand to Consumer World"

Date: 22nd and 23rd February 2023

Target Audience: CS&E Students.

Resource person: Prof.Dr Suresh Babu. MCE, Hassan

EVENT NAME : Expert talk on "Industry 4.0 "



"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

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: 28th April 2023
Target Audience: CS&E Students.

EVENT NAME : Inauguration of CS&E Innovation Club



Title: Inauguration of CSE Innovation Club
Date: 5th 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 2.0



Title: AURA 2.0
Date: 19th June 2023
Target Audience: CS&E Students.

EVENT NAME : Inauguration of IEEE COMPUTER SOCIETY STUDENT BRANCH CHAPTER



INAUGURATION OF IEEE COMPUTER SOCIETY STUDENT BRANCH CHAPTER
22 JULY, 2023
10.30 a.m.

PATRONS

- Sri. Ashok Haranahalli, CHAIRMAN
- Sri. C.M. Thimappa Gowda, VICE CHAIRMAN

SECRETARY: Sri. B.T. Dyava Gowda

JOINT SECRETARY: Dr. D.C. Aravind

TREASURER: Sri. S.G. Siddhar

CHAIR, IEEE COMPUTER SOCIETY: Dr. Prasant Mira

PRINCIPAL MCE: Dr. S. Pradeep

ADVISOR, IEEE CS SBC, PROF. & AGO, CSE: Dr. Geetha Kiran A.

Alumni Hall, Malnad College of Engineering, Hassan

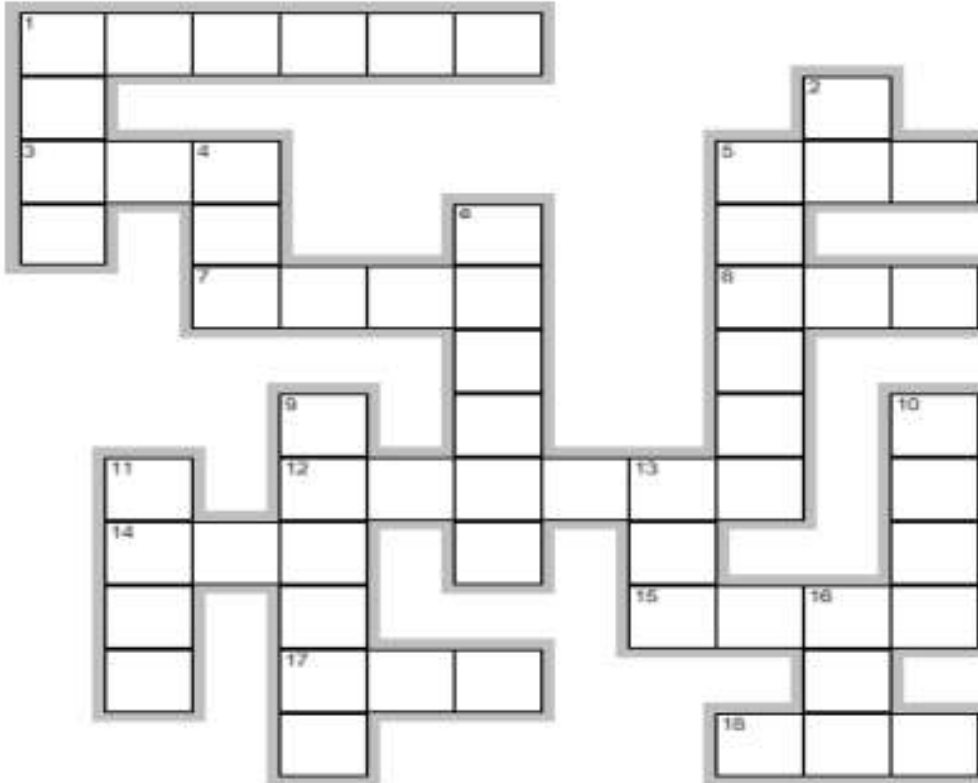


Title: Inauguration of IEEE COMPUTER SOCIETY STUDENT BRANCH CHAPTER
Date: 22nd July 2023
Target Audience: CS&E Students.

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.28<https://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