



# MALNAD COLLEGE OF ENGINEERING

(AN AUTONOMOUS INSTITUTION UNDER VTU, BELAGAVI)  
HASSAN, KARNATAKA 573202, INDIA

## Computer Science and Engineering

### Institute Vision

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

### Institute Mission

- ◆ Create conducive environment for learning and research.
- ◆ Establish industry and academia collaboration.
- ◆ Ensure professional and ethical val-

Newsletter: Jan– July 2021



- ◆ The Malnad College of Engineering (MCE) is an engineering college located in Hassan, Karnataka, India, it was established in 1960.
- ◆ The institution is affiliated with the Visvesvaraya Technological University in Belagavi.
- ◆ The college has received the Best Engineering College award by the Indian Society for Technical Education (ISTE) during the year 2007.
- ◆ The college is built on a campus of about 44 acres and is a technical education center. At present, the college conducts 9 B.E. programs and 5 M.Tech Programs and the MCA program and has 2750 students on its rolls.
- ◆ All programs have got NBA accreditation under Tier-I.
- ◆ The college is one amongst 19 Engineering colleges in the state qualified for the Technical Education Quality Improvement.



## 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”*



## About the Department

The department of Computer Science & Engineering was established in the year 1983 and the department offers a Bachelor of Engineering degrees in Computer science and Engineering with an intake of 180 students. These degree programs prepare graduates for successful, profitable, and lifelong careers in Computer Science & Engineering. Computer Science and Engineering students study hardware and software systems through innovative classroom instructions, supported by laboratories equipped with the state of the art hardware and software. A computer science lab2 was set up with 60 computers and first year lab was accommodated with 70 computers. The department ensures that the students are introduced to both fundamental and advanced knowledge in areas such as Machine learning, Networking technology, computer security and software engineering, etc.

### ***Salient Features of the department are as follows.***

- ◆ The department has got NBA accreditation under Tier-I.
- ◆ The VTU has recognized the department as a research center for carrying out research work leading to M.Sc. (Engg.) by research & Ph.D degrees.
- ◆ State of the Art Computing Facilities.
- ◆ ICT in Teaching and Learning.
- ◆ Mentoring By Industry experts for various courses wherever necessary.
- ◆ Research & Publications with Social Impact.
- ◆ Supportive Learning for Placements.
- ◆ Professional Development for Industrial Engagement.
- ◆ Allumini Expert talk will be organized on every month.

## ***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.
- ◆ **PEO 3:** Graduates will work productively exhibiting ethical qualities for the betterment of society.
- ◆ **PEO 4 :** Graduates will possess leadership qualities, work harmoniously in a team with effective communication skills.



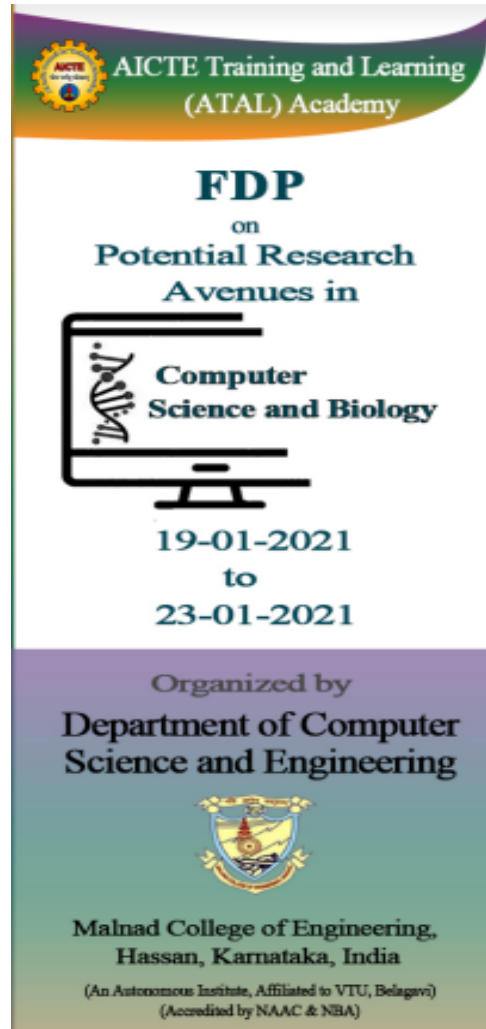
## DEPARTMENT MISSION

- ◆ Provide learning ambience to generate innovative and problem solving skills with professionalism.
- ◆ To create facilities and expertise in advanced computer technology thereby promote research.
- ◆ Enhance Industry Institute Interaction program to get acquainted with corporate culture.
- ◆ To induce ethical values and spirit of social commitment.



Jan– July 2021

## One week AICTE-ATAL Sponsored Online FDP on Potential Research Avenues in Computer Science and Biology during 19th to 23rd January 2021



- ◆ One Week AICTE-ATAL Online FDP on “**Potential Research Avenues in Computer Science and Biology**” from 9th to 23rd January 2021 at MCE, Hassan.
- ◆ More than 170 participants have participated in this FDP.
- ◆ This FDP has provided a platform for researchers and academicians to share and exchange ideas on the various research topics in the fields such as Computer Vision, Data Science and Data Analytics, Artificial Intelligence, Pattern Recognition, Image Processing, and Machine Learning.



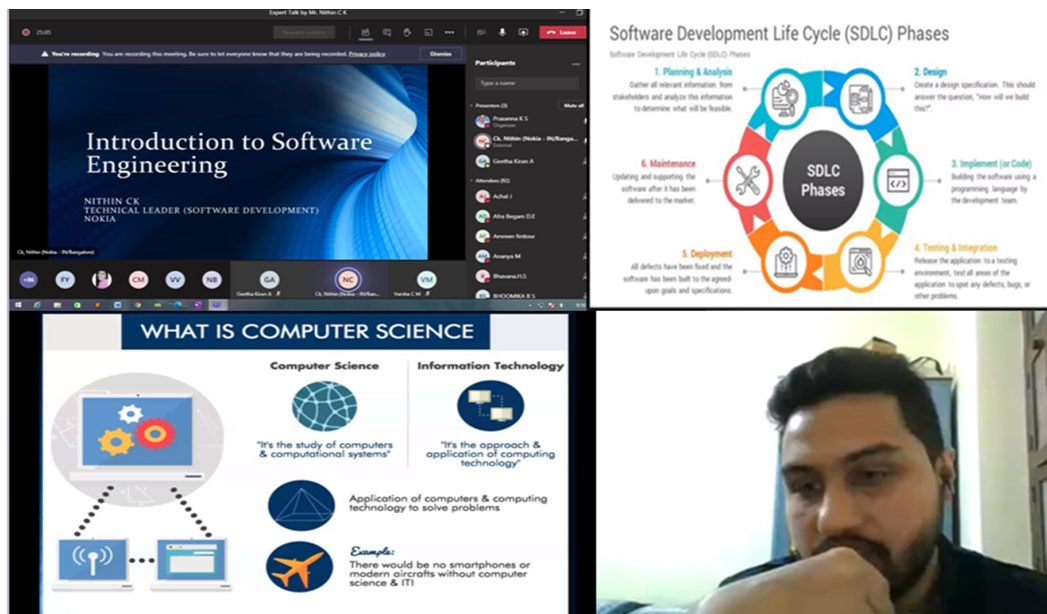


*“Education is  
the most  
powerful  
weapon  
which you can  
use to change  
the world”  
– Nelson  
Mandela*



Jan– July 2021

## Expert talk on ROLE OF A SOFTWARE DEVELOPER



**Event title:** Virtual Expert Talk on **“ROLE OF A SOFTWARE DEVELOPER”**

**Date:** 05<sup>th</sup> February 2021

**Target Audience:** Second year CS&E Students.

**Resource person:** Mr. Nithin C. K, Alumni 2011 batch.

**Program Co-Ordinator:** Mr. Vasanth Kumar, Assistant Professor,

## One day workshop on OPERATING SYSTEM INSTALLATION/ BASIC SYSTEM TROUBLE SHOOTING 10th February



**Event title:** One day workshop on **“OPERATING SYSTEM INSTALLATION/ BASIC SYSTEM TROUBLESHOOTING”**

**Date:** 10th February 2021

**Target Audience:** MCE Technical Staff Members.

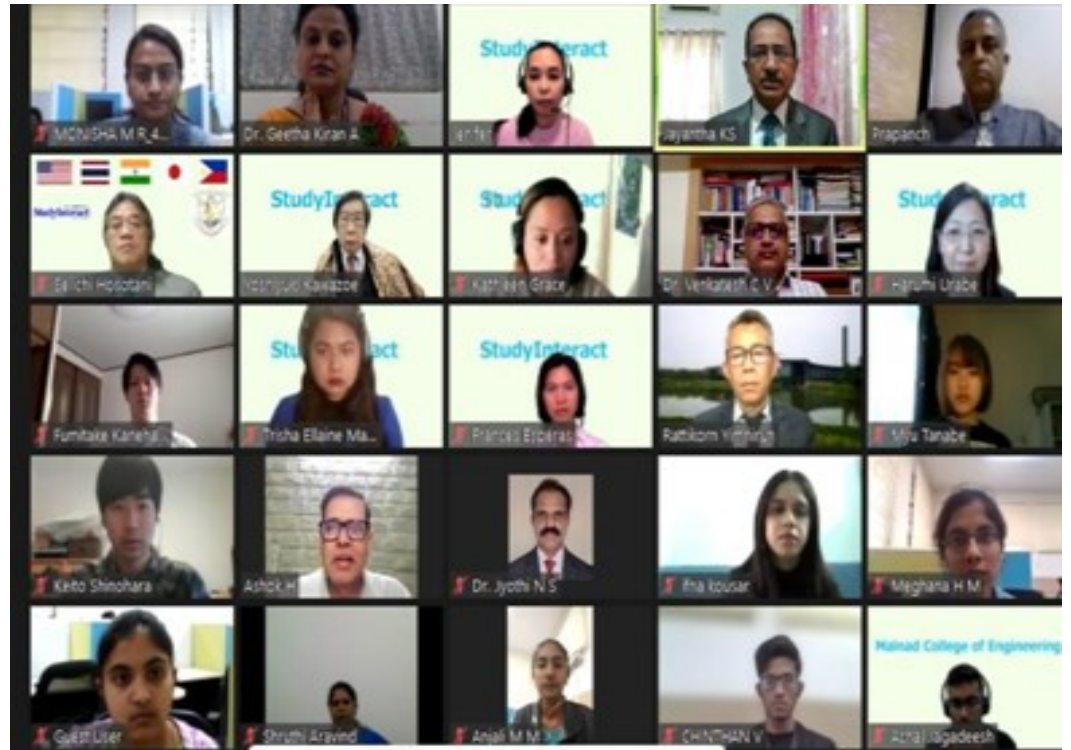
**Resource person:** Mr. Vinod A. M. Assistant Professor and Mr. Tejonidhi M. R, Assistant Professor, Dept. of CS&E, MCE, Hassan



*“An investment  
in knowledge  
pays the best  
interest”  
—Benjamin  
Franklin*

Jan– July 2021

## Study Interact Program



- ♦ Study Interact is a US-based company, who offers online exchange study abroad services. Study Interact session with the students from India, Japan, Thailand, and Philippines has kick-started.
- ♦ This is in collaboration with Tohoku University and Osaka University, Japan.
- ♦ Sri Ashok Haranahalli Chairman, MTES®, Dr. C.V. Venkatesh, Principal, MCE, Dr. K.S. Jayantha, Former Principal, MCE, Dr. A. Geetha Kiran, Program Director inaugurated the internship.
- ♦ Students of MCE have completed their internship on EV's (Electric Vehicles). Here students from various countries interact, plan, analyze and build projects.
- ♦ The exchange program aims to provide students an opportunity to have experience of international cooperation and exchange, as well as to gain a better understanding





*“The best way  
to predict the  
future is to  
create it. “  
– Abraham  
Lincoln*

## Two days Hands Workshop on Arduino Programming



**Event title:** Two days Workshop on **“ARDUINO PROGRAMMING ”**

**Date:** 5<sup>th</sup> and 6<sup>th</sup> March 2021.

**Target Audience:** first year students

**Resource person:**

**Program Co-Ordinator:**







**Program Co-Ordinator:** Mr. Neelakantappa B B, Associate Professor, CSE,





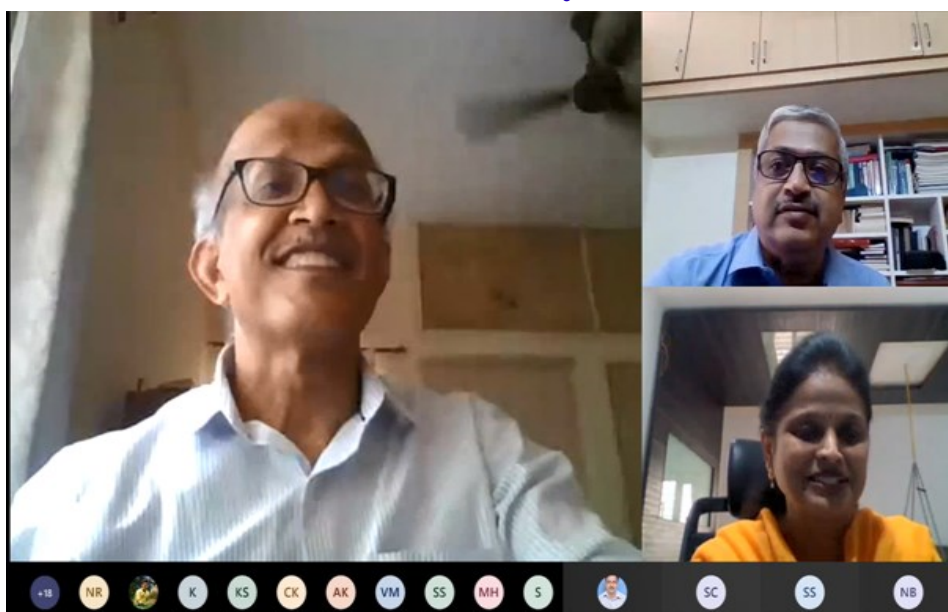
*“It has become appallingly obvious that our technology has exceeded our humanity.”*

- Albert Einstein



Jan– July 2021

## Crash course on FUNDAMENTALS OF PYTHON from 3<sup>rd</sup> to 6<sup>th</sup> May 2021



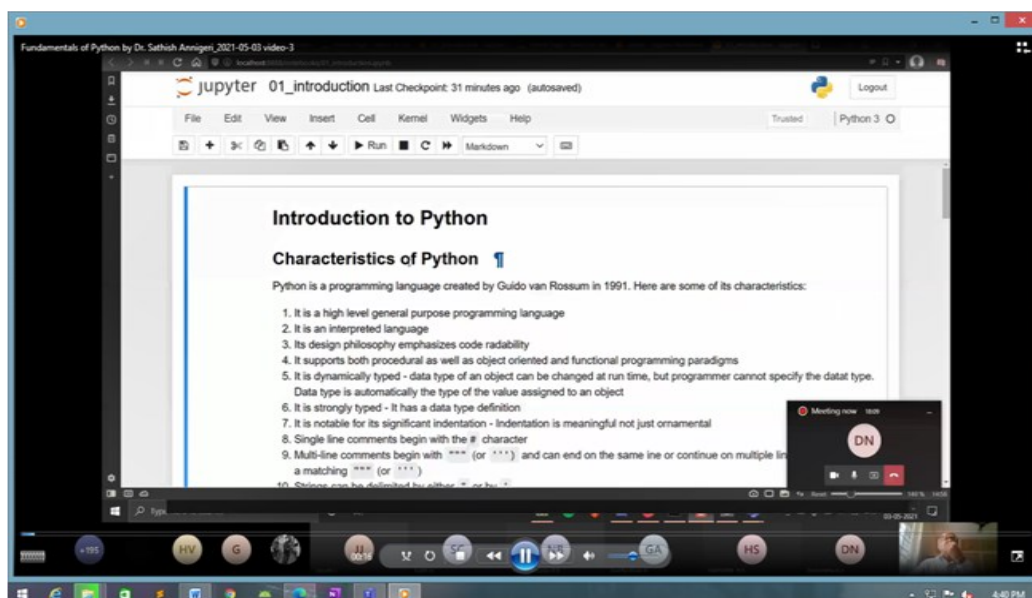
**Event title:** Crash course on **“FUNDAMENTALS OF PYTHON”**

**Date:** 3<sup>rd</sup> to 06<sup>th</sup> May 2021

**Target Audience:** 2nd year students

**Resource person:** Dr. Satish Annigeri, Former Registrar (Evaluation), Professor, KLE TECH, Hubli.

**Program Co-Ordinator:** Dr. Geetha Kiran A, Professor and Head, CSE,



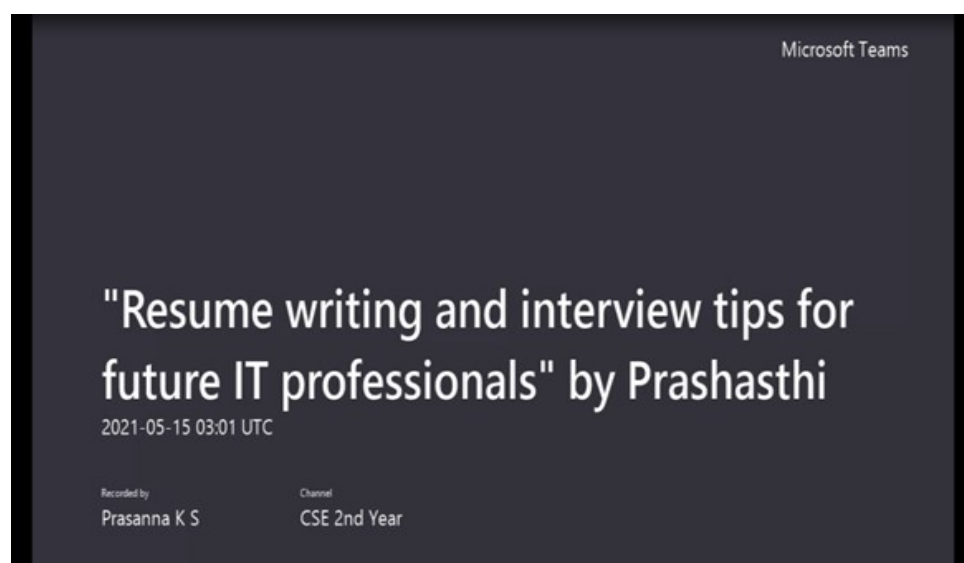




*"Technology is just a tool. In terms of getting the kids working together and motivating them, the teacher is the most important."*

—*Bill Gates*

## Expert talk on RESUME WRITING AND INTERVIEW TIPS



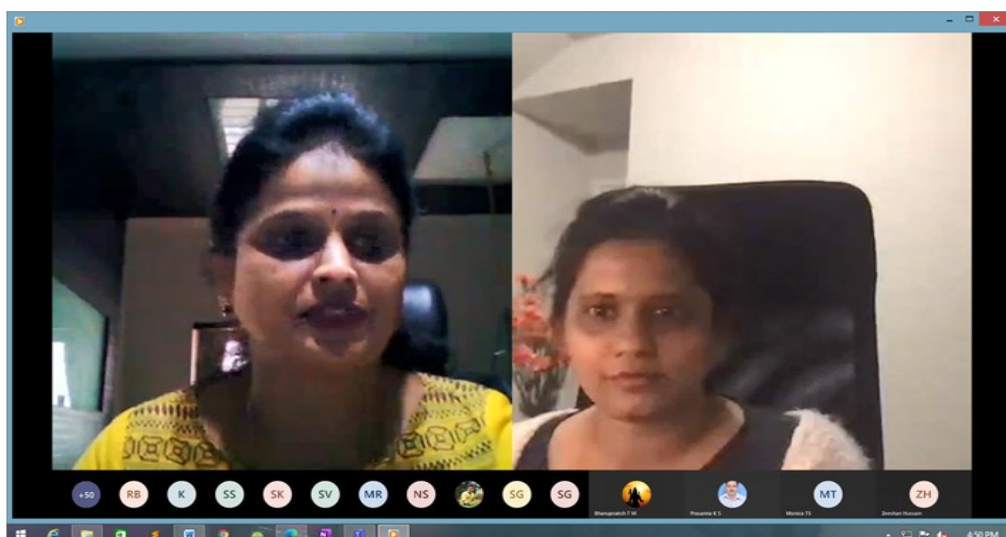
**Event title:** Expert talk on **“RESUME WRITING AND INTERVIEW TIPS FOR FUTURE IT PROFESSIONALS”**

**Date:** 15th MAY 2021

**Target Audience:** 2nd year students

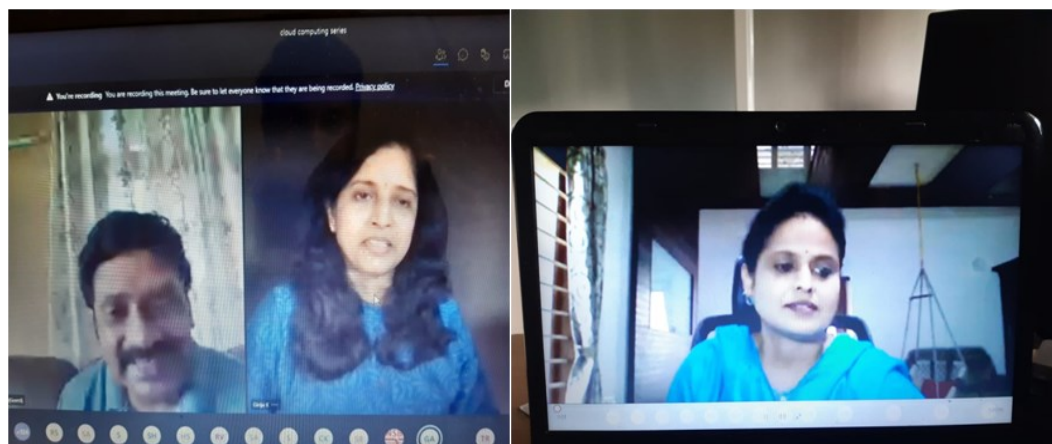
**Resource person:** **Mrs. Prashasthi**, Developer at AMAZON, CA, USA . (ALUMNI- CSE ).

**Program Co-Ordinator:** **Mr. Neelakantappa B B**, Associate Professor,





## CLOUD COMPUTING MARATHON: June 2021



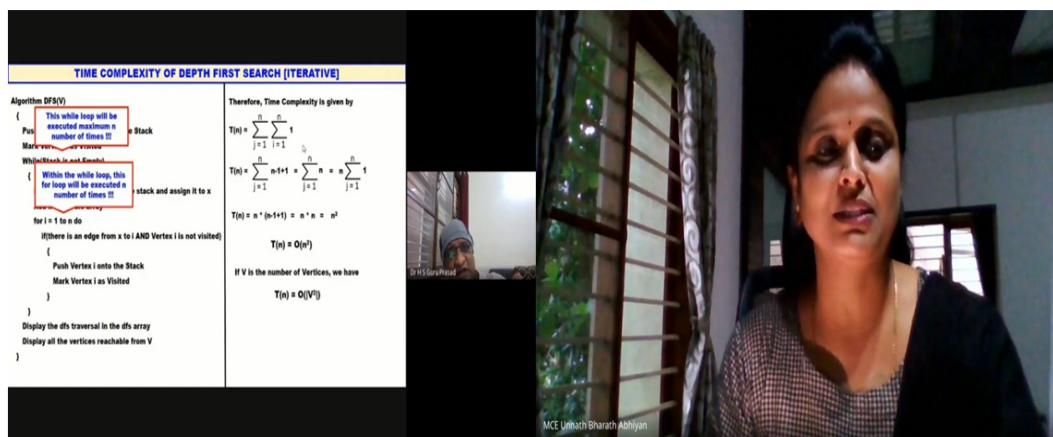
**Event title: “CLOUD COMPUTING MARATHON”**

**Date:** 5<sup>th</sup> June 2021

**Target Audience:** Third year CSE students

**Resource person:** Mrs. Girija K, Director, Cloud Infrastructure Oracle (Alumni -1996 Batch, MCE)

## Two days workshop on DESIGN AND ANALYSIS OF



**Event title: “DESIGN AND ANALYSIS OF ALGORITHMS”**

**Date:** 09th & 10th June 2021

**Target Audience:** 2nd year CSE students

**Resource person:** Dr. H. S. Guruprasad, Professor, ISE & Dean [SA], BMS College of Engineering, Bangalore.

**Program Co-Ordinator:** Mrs. Nithyashree R, Assistant Professor, CSE, MCE





## Expert talk: SOFTWARE PROJECT MANAGEMENT



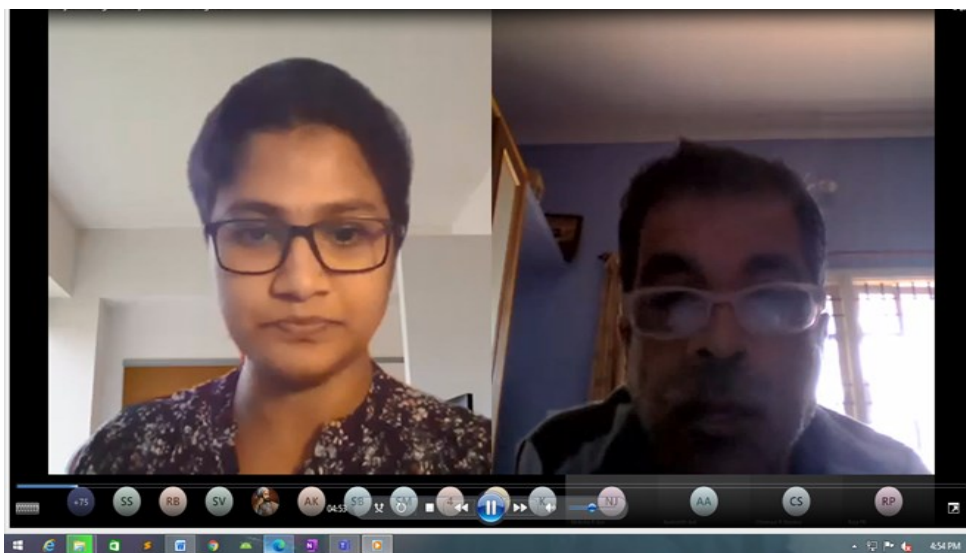
**Event title:** virtual expert talk on “**SOFTWARE PROJECT MANAGEMENT**”

**Date:** 19th June 2021

**Target Audience:** Second year CSE students

**Resource person:** Mrs. Preethi, CSE Alumni, MCE, IT consultant, CIMT OBJECTS, Hamburg.

**Program Co-Ordinator:** Mr. Neelakantappa B B, Associate Professor, CSE,







## Faculty Publications

- ♦ **Dr. Geetha Kiran A**, “**An Ensemble Deep Neural Network Approach for Oral Cancer Screening**”, International Journal of Online and Biomedical Engineering (IJOE), 2021.
- ♦ **Dr. Geetha Kiran A**, “**Oral Images Dataset**”, Data in Brief, February 2021.
- ♦ **Dr. Ramesh B, Dr. Chandrika J** , “**Secure, efficient and certificateless authentication scheme for wired and wireless networks**”, International Journal of Advanced Research in Engineering and Technology, February 2021.
- ♦ **Dr. Geetha Kiran A**, “**Oral Malignancy Detection Using Color Features from Digital True Color Images**”, International Journal of Online and Biomedical Engineering (IJOE), 2020.
- ♦ **Dr. Mallikarjunaswamy N J**, “**Secure reprogramming exploitation M RSA technique in wireless sensor networks**”, International Journal of Engineering Applied Sciences and Technology, 2020.
- ♦ **Dr. Geetha Kiran A**, “**Texture Analysis of Color Oral Images for Lesion Detection**”, International Conference on Computational Performance Evaluation (ComPE) , 2020.
- ♦ **Dr. Chandrika J**, “**Analysis and Classification of ripped Tobacco leaves Using machine learning Techniques**”, Scopus indexed springer, 2020.
- ♦ **Dr. Geetha Kiran A**, “**Therapeutic use of Indian ragas on various diseases**”, Bulletin of the Transylvania University of BRASOV, 2020.





## COPYRIGHTS PUBLISHED

- Dr. Geetha Kiran A , Dr. Harshavardhan Tiwari & Neethi M.V, **“Yield Estimation of fruit crop”**, 2020.
- Dr. Geetha Kiran A, Adarsh D and Manoj Kumar, **“Leave Management System Application”**, 2021.

## COPYRIGHTS REGISTERED

- Dr. Geetha Kiran A & Dr. Harshavardhan Tiwari & Neethi M. V., Patent Filed – **“Deep Mango Fruit yield estimation”** – Indian Patent Journal, 2020. Application number: 202041043720 (Under Process)

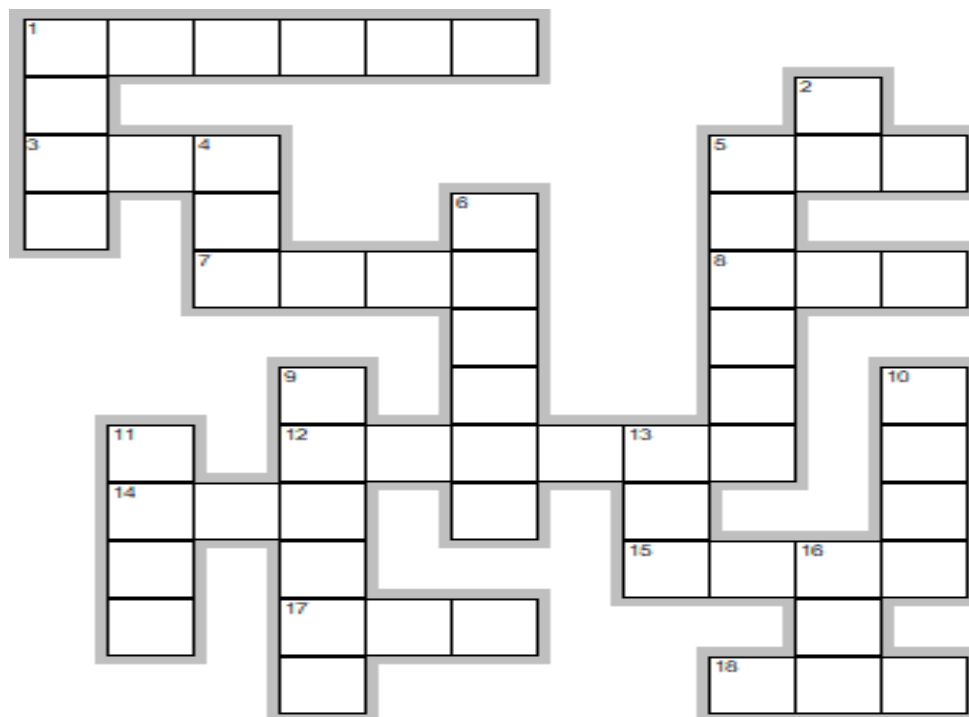
## PLACEMENTS

Company Name	Number of Students Placed
Global Quest	01
Expleo	01
Qspiders	03
Infosys	04
Mindtree	04
Pentagon Space	03
Nivus Solutions	01
Vitesco Technologies	01
xtreme soft technologies	03
MatreComm Technologies	01





## Solve the Crossword 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



Scan QR Code to try it in your  
mobile

