



Vision of the Department

“To impart knowledge to young aspirants to develop Information Technology based solutions for the Industrial and Societal needs”

Mission

- Prepare students to acquire knowledge in the field of Information Technology through effective teaching learning methodologies.
- Establish conducive environment for better learning through the state of the art curriculum to exhibit talents and ingenuity.
- Nurture the students to be industry ready by enhancing their employability skills and entrepreneurial skills
- Develop Information Technology based solution as per the need of Society.

Program Specific Outcomes(PSOs)

- Able to apply appropriate techniques for storage of huge amount of data and ensuring its integrity.
- Choose appropriate method for data acquisition from real world and propose suitable solutions to solve problems.

Editorial Board

Chief Editor:

Mr. Prasanna kumar M, Assistant Professor

Student Editors:

1. Gowramma S H, 3rd Year
2. Sachin S Naik, 3rd Year

Department Activities

- A VGST Project proposal submitted by Dr. Karunakara K and Mrs. Champakamala S on " Brain Tumor Segmentation and Classification of MRI images using Deep Learning Model" under Karnataka Fund for Infrastructure Strengthening in Science and Technology (K-FIST L1) has been selected for funding of Rs. 15 Lakhs.
- “Vice chancellor, SSAHE under the authorization of the Academic council and on the recommendations of the board of Examiners, has accepted to award Doctor of Philosophy (Ph D) to Mr. Shreekumar T USN: 15PH4CS007 on the basis of his thesis “A multi modal approach towards pose and illumination invariant face recognition from video/still images“ submitted under the guidance of Dr. Karunakara K, Professor and Head, Department of Information Science and engineering, SSIT, Tumakuru and public viva voce was conducted on 30th January 2021.
- Students of 8th Semester ISE and CSE have jointly organized the event “Hackthon”- a Coding Competition on 23rd March 2021. It is a platform for the students to explore their rapid problem solving skills, logical thinking and programming skills. Totally 22 teams from different branches have actively participated in the event.

Student Activities in the Department

- C programming contest for 4th semester students on 2nd March 2021.
- Sawanth Shreya, student of 4th semester delivered a presentation on “Women contributions in Science and Technology” on 9th March 2021.
- Impromptu speech contest for 4th semester on 16th March 2021.

Conference and Publications

- Champakamala S, K. Karunakara, “A comprehensive review on brain tumor segmentation and classification of MRI images”, Multimedia Tools and Applications-Springer, ISSN: 17611–17643, Feb 2021.
- R Suma, Premasudha B G, Ravi Ram V. (in press), “SIBLAR: Secured Identity-Based Location Aware Routing Protocol for MANETs”, International Journal of Computer Aided Engineering and Technology (IJCAET), Inderscience Publishers (Scopus Indexed). March 2021, pp 320-344
- Mrs. Rashmi H C has presented a paper entitled “Proxy based data security for cloud data” at the ICMBDC held in Bangalore on 6th June 2021.

CULTURALS

RAMP....DANCE.....SONGS...DRAMA....!!!

Don't these words spark up your body..?? My brain acts like fireworks when I think about the RAMP I'm pretty sure everyone has their own fireworks. Few days ago all my brain could think about was books, exams, papers, write-ups, studies, marks....I'm not a nerd though, but then no one is less than a nerd during

their exams. During this process of memorising and puking it on the paper on the day of exams all I gained was 50% of stress, 30% dark circles, 15% realising how dumb I am and probably the other 5% was gaining knowledge. The only happy thing happened to me was ‘THE CULTURALS’. Culturals is too important in a student's life. Even if I don't remember how much I scored in my 5th grade I can still recall what part I played in the 5th grade role play. Likewise cultural is something you enjoy doing and it is something that you wouldn't want to erase from your database. I'm not saying everyone will have the sparks but won't each one of you find culturals interesting in your onotonous life???

Gone are the days when only academic programs were the only activities organised in colleges and all students focused on that. With the changing trend we have noticed a major difference in the field of academics too. Students don't want to be bookworms; they look for other options that could help them in the future. Besides, this in this high tech world, every student wants to acquire knowledge in every field to stay updated. Co-circular activities play a vital role in the life of students.

Adolescence is a crucial developmental period. Introducing your child to a culturally diverse environment will prove beneficial in the future. They will interact with people from different cultural backgrounds, values, beliefs, and experiences to develop a highly valuable intercultural competence.

Extracurricular activities increase opportunities for social interaction and new relationship development. As most of these activities are group-oriented which have students from different niches, which gives them a chance to more know about people of different passions and cultures. Besides, this they can also find clubs or groups that share similar social, religious or

even entertainment interest for socialization.

Interaction with people of different backgrounds helps in development of interpersonal skills of students. Most of the employers love to hire people who are all rounded. Sustained involvement in more than one activity reflects the talent and potential of the student. Hiring officials look for these talents in people. While pursuing these activities in college along with education students learn prioritization and time management skills too. These academically and co-circularly talented students have well-groomed personality, which helps them to face the world in a better way.

Culturals in my college brought all of us together. Here by lot of us I mean a large number. It introduced to people of different personalities. From some personalities I learnt how to stay calm no matter what happens and from some others I learnt how to keep smiling and from others I learnt how to tolerate stuff. I'm looking up to learn a lot more. Culturals binds lot of people together and teaches us how to prosper together with the resources we have. It keeps you enthusiastic, happy and excited. What more do you want!?

All those points may just seem reasons unless one experiences it personally. What i want to say now is cultural is something you will have to look up to in the college. As I've already said RAMP sparks me up. There is a specific cultural activity everyone is interested in. And trust me it is as important as your studies. Give it the importance it deserves and pay the amount of attention it deserves. It's easy to stay a leper, but then even if you have miniscule amount of interest in any cultural activity give it a try it doesn't hurt. Find what sparks you up and explore your fireworks!!!

Prajaktha N J, Student, ISE.

Live and Let Live



From where on earth did this unknown enemy has attacked our world killing million human beings? The whole world is struggling to identify and revert the attack on the unseen enemy

In such situation it is our duty to safe guard and prevents our friends and loved ones from this enemy. Researchers have found that by wearing mask the droplets can be avoided from falling on our neighbours and infect them. This enemy is such silent killer; it enters the human body without any sign. Live in the body and damage lungs. Then only the human body shows the symptoms of sickness. By then we might have spread the droplets to multiple humans. Thus keep spreading the killer to others around us. This could be well prevented if we wear mask and properly follow the SOPs, such as maintaining:

1. Social distancing of 6 feet.
2. Often washing the hand with soap.
3. Always wear face mask.

If you think you are strong and enemy will not attack you then you will be wrong, because research has proved that so many people falling sick for no reasons. And later they get to know the reason of their sickness. Health experts say the evidence is clear that masks can help prevent the spread of (ENEMY) COVID-19 and that the more people wearing masks, the better. Any compulsion may not make people to wear mask in such dense population. This could be best if each person take care of themselves. That would automatically care others. So i say you live by wearing mask and allow others live.

Mrs. Sushma M, Assistant Professor, Dept. of ISE.

Photo Gallery



Impromptu Speech contest



Presentation on “Women contributions in Science and Technology” by Sawanth Shreya



Farewell function organized for outgoing students of 2020-21



“Hackthon”- a coding competition event on 23rd March 2021