



KAMMAVARI SANGAM- 1952

K S Institute of Technology

(Affiliated to VTU, Belagavi, Approved by NBA- CSE,
ECE &ME and NACC)

CS GYANBYTES

Department of Computer Science and Engineering
Newsletter

Vision

To create competent professionals in Computer Science and Engineering with adequate skills to drive the IT Industry

Mission

- 1. Impart sound technical knowledge and quest for continuous learning.*
- 2. To equip students to furnish Computer Applications for the society through experimental learning and research with professional ethics.*
- 3. Encourage teamwork through inter- disciplinary projects and evolve as leaders with social concerns*

Volume 8, Issue 1
January 2022- June 2022



Program Educational Objectives

PEO 1: Excel in professional career by acquiring knowledge in cutting edge technology and contribute to the society as an excellent employee or as an entrepreneur in the field of Computer Science & Engineering.

PEO 2: Continuously enhance their knowledge on par with the development in IT industry and pursue higher studies in Computer Science & Engineering.

PEO 3: Exhibit professionalism, cultural awareness, team work, ethics, and effective communication skills with their knowledge in solving social and environmental problems by applying computer technology.



Sri. R. Rajagopal Naidu
President



Sri. R. Leela Shankar Rao
Hon. Secretary



Sri. T. Neerajakshulu Naidu
Treasurer



Dr. K. V. A. Balaji
CEO, KSGI

At KSIT, We strongly believe in the overall development of our students with adequate social responsibility and sensitivity. I am very happy that the Department of Computer Science and Engineering have been very successful in spotting the talents in our students and harnessing them and enabling our students to learn content beyond the syllabus through experiential learning from various live and ongoing projects that are present in our institution. All their efforts and learning are being showcased in this newsletter “CS-GYANBYTES”. I wish the staff and our talented students the very best in both their professional and personal lives.



Dr. Dilip Kumar K
PRINCIPAL/ DIRECTOR
KSIT

At KSIT, We offer a professional educational experience through various teaching methodologies. By the time the students are graduated, they will be confidence in facing the society being the professional or the personal life. Life on campus is both enriching and exciting. We have excellent infrastructure offering spacious labs, classrooms, research centers, library, indoor play area, transport and hostel facilities. Broaden your network and enjoy your time in KSIT by participating in Co-curricular activities, which span from Interest groups to clubs, to nurture your creativity and passion. Wishing you all a good luck.



The department has a team of highly experienced, committed and eminent faculty members. All the Faculty members are well qualified and competitive enough in preparing the young minds for global competition with an enormous support from the Head of Department as well the Management. Students of CSE department are highly motivated and ready for IT Industry with hands on experience on current technologies/programming languages. KSIT is accredited by NAAC and Department of CSE by NBA for three years (2021-2024).

In VTU results, students are getting ranks and are working with reputed companies with higher salary packages. The students are actively participating in Hackathons and other coding contest at the International, National and State level and making their footprints. Our mission is to inculcate strong theoretical and practical knowledge for continuous learning and prepare students to find Computer solutions for the society through research and entrepreneurship with professional ethics, encourage teamwork in inter-disciplines and evolve as leaders with social concerns. The Department of CSE is striving hard towards the goal of providing innovative and quality education with high standard to achieve academic excellence and provides platform for the students to achieve their career goals. Several patents have been filed by the department faculty. The students of the department are exposed to industry environment and they have high inclination towards entrepreneurship and research. A large number of alumni are pursuing higher studies/research in India as well as abroad in reputed universities. Staff and students are members of professional bodies like IEEE, CSI, ISTE, BITES and IEI where the faculty members and students are encouraged to publish research papers in reputed journals, participate in Faculty Development Programs and workshops through a well-supported system. The department preserves its achievements and I am excited to announce that our department newsletter “CS GYANBYTES” Volume 8 Issue 1 is all set to release.

-Dr. Rekha B Venkatapur
HOD

SENTINEL HACATHON 3.0

From the success of Sentinal Hack and Sentinal Hack 2.0 – Department of Computer Science & Engineering hosted 24 hours State level Hackathon Sentinal Hack 3.0 with the theme “Multiverse of Opportunities” in association with Firefox student club, Dept. of CSE, KSIT and BITES on 20th and 21st June 2022.



The event was inaugurated by the chief guest Dr. Pradeep V Desai, CEO, Thalesat Innovations Private Limited (TIPL) accompanied by Sri. R. Rajagopal Naidu, President, Kammavari Sangham, Sri. R. Leela Shankar Rao, Hon. Secretary, Kammavari Sangham, Sri. T. Neerajakshulu Naidu, Treasurer, Kammavari Sangham, Dr. K.V.A. Balaji, CEO, K. S. Group of Institutions, Dr. Dilip Kumar K, Principal/Director, K. S. Institute of Technology and Dr. Rekha B Venkatapur, Prof. and Head, Department of CSE, K. S. Institute of Technology.





Sentinel Hack 3.0 event was hosted to provide a forum for the students to exhibit their coding abilities in different domains like Agriculture, Education, Cyber Security, Fintech, Healthcare and open Innovation categories to come up with innovative ideas to solve real-world problems in the respective domains.

60 Teams with over 200 participants from all around Karnataka has taken part in the event enthusiastically to build the solutions.

Mentors and Judges from various industries witnessed, guided and evaluated the solutions developed by participants.

Mentors: Dr.Rekha B Venkatapur, Professor and Head, Dept. of Computer Science and Engineering, KSIT, Dr. Joy Prabhakaran, Professor, Dept. of Electronics and Communication Engineering, KSIT and Dr. Surekha Borra, Professor, Dept. of Electronics and Communication Engineering, KSIT.

Judges: Mr. Pradeep Kumar G H, Sr. System Engineer, IBM, Mr. Chethan, Assistant Manager, Deolite Systems, Mr. Darshan, CEO, TVAST, Mr. Narasimha Prasanna, Senior Technical Lead, Cognitf, Mr. Kushal S T, UI Developer, Xpresslane, Mr. Shreyas, Lead Backend Engineer, Kenko Health, Mr. Samith Bharadwaj, CPTO, Dhiyo, and Mr. Sam Lester, Co-Founder Remaster, California.



WINNERS OF SENTINEL HACKATHON 3.0



Winners: Team Tech_Lovers from R.V.C.E, Bangalore, won a cash prize of Rs. 25,000 and Trophy.



1st Runner-up: Team Microcoders from BIT, Bengaluru, won a cash prize of Rs. 15,000 and Trophy



2nd Runner-up: Team Phantom from GAT, Bengaluru, won a cash prize of Rs. 10,000 and Trophy.

GLIMPS OF SENTINEL HACATHON 3.0







EVENTS CONDUCTED

- The Department of Computer Science and Engineering in association with BITES, IEEE, AICTE – SPICES and CSI, Organized “ Project Exhibition”, on 25th June 2022.



- The Department of Computer Science and Engineering in association with AICTE – SPICES and CSI, Organized “Mini Project Exhibition”, on 25th June 2022.
- The Department of Computer Science and Engineering in association with BITES, IEEE, AICTE – SPICES and CSI organized “National Conference- Recent Innovations in Engineering – 2022”, on 23rd to 24th June 2022.



- The Department of Computer Science and Engineering organized “Sentinel Hack 3.0 - Multiverse of Opportunities” on 20th and 21th June 2022.



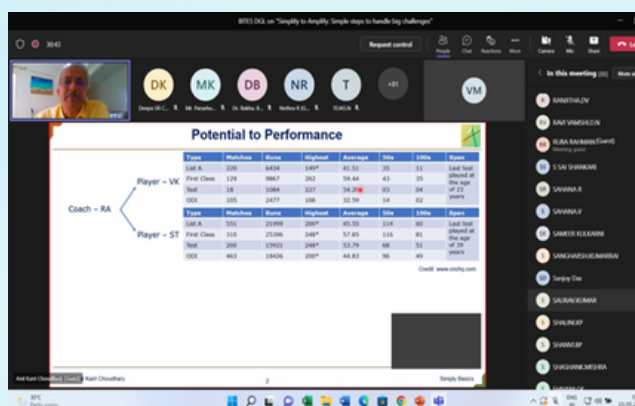
- The Department of Computer Science and Engineering Organized a technical talk on “Research Paper Writing and Ethics” on 8th June 2022.



- The Department of Computer Science and Engineering organized workshop on “C++: Try Learn It” on 24th and 25th May 2022.



- The Department of Computer Science and Engineering in association with BITES Organized a Distinguished Guest Lecture on “Simplify to Amplify: Simple Steps to Handle Big Challenges” on 23rd May 2022.



- The Department of Computer Science and Engineering Organized Internship Talk “Awareness of Internship Training Program AZURE” for 6th Semester Students on 10th May 2022.



- The Department of Computer Science and Engineering Organized workshop “Internet of Things : A Practical Approach” on 25th to 26th April 2022.



- The Department of Computer Science and Engineering Organized “Internal Smart India Hackathon 2022 (Github Hackathon)” on 11th April 2022



- The Department of Computer Science and Engineering Organized Staff Development Programme “Capacity Building” on 4th to 6th April 2022. Resource person Dr. V Raghu, Principal, Silicon City College of Management & Commerce, Bengaluru.



- The Department of Computer Science and Engineering in association with IEEE, IETE, CSI Organized the Faculty Development Program “Outcome Based Education” on 17th and 18th March 2022.
- The Department of Computer Science and Engineering in association with BITES and TCS Organized “13th Edition of the Engineering IT Quiz - TCS TechBytes 2022” on 19th February 2022.

EVENTS ATTENDED BY FACULTY

- Dr. Rekha B Venkatapur attended a Workshop on “Fine Tuning of NEP Compliance Syllabus – Disciplines under CSE Board of VTU” at SJGIT on 20th April 2022.
- Dr. Deepa S R attended a Faculty Development Programme on “Cyber Security and Blockchain Technologies” organized by East Point College of Engineering and Technology, Bengaluru from 5th to 9th April 2022.
- Dr. Rekha B Venkatapur attended a Faculty Development Programme on “ICT Tools for innovative Teaching & Learning Process” organized by RVITM, Bengaluru from 28th March to 1st April 2022.
- Dr. Vaneeta M attended a Faculty Development Programme on “ICT Tools for innovative Teaching & Learning Process” organized RVITM, Bengaluru from 28th March to 1st April 2022.
- Dr. Vijayalaxmi Mekali attended a Faculty Development Programme on “ICT Tools for innovative Teaching & Learning Process” organized by RVITM, Bengaluru from 28th March to 1st April 2022.
- Mrs. Geetha R attended a Faculty Development Programme on “ICT Tools for innovative Teaching & Learning Process” organized by RVITM, Bengaluru from 28th March to 1st April 2022.
- Mrs. Pallavi K N attended a Faculty Development Programme on “ICT Tools for innovative Teaching & Learning Process” organized by RVITM, Bengaluru from 28th March to 1st April 2022.

- **Mrs. Rashmi H attended a Faculty Development Programme on “ICT Tools for Innovative Teaching & Learning Process” organized by RVITM, Bengaluru from 28th March to 1st April 2022.**
- **Dr. Rekha B Venkatapur attended a Faculty Development Programme on “Outcome Based Education” organized by KSIT, Bengaluru from 17th to 19th March 2022.**
- **Mr. Harshavardhan J R attended a Faculty Development Programme on “Outcome Based Education” organized by KSIT, Bengaluru from 17th to 19th March 2022.**
- **Dr. Deepa S R attended a Faculty Development Programme on “Outcome Based Education” organized by KSIT, Bengaluru from 17th to 19th March 2022.**
- **Dr. Vaneeta M attended a Faculty Development Programme on “Outcome Based Education” organized by KSIT, Bengaluru from 17th to 19th March 2022.**
- **Dr. Deepa S R attended a Faculty Development Programme on “Outcome Based Education” organized by KSIT, Bengaluru from 17th to 19th March 2022.**
- **Dr. Vijayalaxmi Mekali attended a Faculty Development Programme on “Outcome Based Education” organized by KSIT, Bengaluru from 17th to 19th March 2022.**
- **Mr. Sanjoy Das attended a Faculty Development Programme on “Outcome Based Education” organized by KSIT, Bengaluru from 17th to 19th March 2022.**
- **Mr. Roopesh Kumar B N attended a Faculty Development Programme on “Outcome Based Education” organized by KSIT, Bengaluru from 17th to 19th March 2022.**
- **Mr. Kushal Kumar B N attended a Faculty Development Programme on “Outcome Based Education” organized by KSIT, Bengaluru from 17th to 19th March 2022.**
- **Raghavendrachar S attended a Faculty Development Programme on “Outcome Based Education” organized by KSIT, Bengaluru from 17th to 19th March 2022.**
- **Mr. Krishna Gudi attended a Faculty Development Programme on “Outcome Based Education” organized by KSIT, Bengaluru from 17th to 19th March 2022.**
- **Mr. Prashanth H S attended a Faculty Development Programme on “Outcome Based Education” organized by KSIT, Bengaluru from 17th to 19th March 2022.**
- **Mrs. Beena K attended a Faculty Development Programme on “Outcome Based Education” organized by KSIT, Bengaluru from 17th to 19th March 2022.**
- **Mr. Kumar K attended a Faculty Development Programme on “Outcome Based Education” organized by KSIT, Bengaluru from 17th to 19th March 2022.**

- **Mr. Manoj Kumar S** attended a Faculty Development Programme on “Outcome Based Education” organized by KSIT, Bengaluru from 17th to 19th March 2022.
- **Mrs. Geetha R** attended a Faculty Development Programme on “Outcome Based Education” organized by KSIT, Bengaluru from 17th to 19th March 2022.
- **Mrs. Pallavi K N** attended a Faculty Development Programme on “Outcome Based Education” organized by KSIT, Bengaluru from 17th to 19th March 2022.
- **Mrs. Rashmi H** attended a Faculty Development Programme on “Outcome Based Education” organized by KSIT, Bengaluru from 17th to 19th March 2022.
- **Mrs. Pavithra J** attended a Faculty Development Programme on “Outcome Based Education” organized by KSIT, Bengaluru from 17th to 19th March 2022.
- **Mrs. Pallavi K N** attended a Faculty Development Programme on “Introduction to Research” organized by NPTEL- AICTE from February to April 2022.
- **Dr. Deepa S R** attended a Webinar on “Development of Motion Capture Technology and Implementation on Animation” at VVCE, Mysore on 16th March 2022.
- **Dr. Deepa S R** attended a Webinar on “Digitalization in Learning Technology” at VVCE, Mysore on 15th March 2022.
- **Dr. Deepa S R** attended a Webinar on “Types and Functions of Copywriting” at VVCE, Mysore on 14th March 2022.
- **Mrs. Rashmi H** attended on Training Programme on “Universal Human Values – An Overview” organized by VTU Human Resource Development Centre (VTU-HRDC), VIAT, Muddenahalli, Chikkaballapur from 2nd to 6th March 2022.
- **Dr. Vaneeta M** attended a Faculty Development Programme on “Quantum Computing: Challenges and Opportunities” organized by Meerut Institute of Engineering & Technology, Meerut, UP from 28th February to 5th March 2022.
- **Mrs. Geetha R** attended on Training Programme on “An overview of Teaching Techniques in mathematics laboratory using Python Programming” organized by AICTE-VTU Joint Teachers Training Program, VTU from 21st to 25th February 2022.
- **Dr. Deepa S R** attended a Webinar on “Outcome Based Education” organized by CSI, Kancheepuram Chapter on 12th February 2022.
- **Mrs. Geetha R** attended a Faculty Development Programme on “Thrust areas in Artificial Intelligence: A Multidisciplinary Approach” organized by JSS Mahavidyapeetha, Mysuru from 7th to 11th February 2022.
- **Dr. Deepa S R** attended a Webinar on “Insights of Paper publication” organized by CSI, Kancheepuram Chapter on 29th January 2022.

EVENTS ATTENDED BY NON-TEACHING STAFF

- Mrs. Vimala Kumari V attended a Staff Training Programme on “Capacity Building” organized by KSIT, Bengaluru from 4th to 6th April 2022.
- Mr. S Om Prakash attended a Staff Training Programme on “Capacity Building” organized by KSIT, Bengaluru from 4th to 6th April 2022.
- Mr. Babu G attended a Staff Training Programme on “Capacity Building” organized by KSIT, Bengaluru from 4th to 6th April 2022.
- Mrs. Divya R G attended a Staff Training Programme on “Capacity Building” organized by KSIT, Bengaluru from 4th to 6th April 2022.
- Mrs. Akshatha M attended a Staff Training Programme on “Capacity Building” organized by KSIT, Bengaluru from 4th to 6th April 2022.
- Mrs. Geetha T attended a Staff Training Programme on “Capacity Building” organized by KSIT, Bengaluru from 4th to 6th April 2022.
- Mrs. Lokamani attended a Staff Training Programme on “Capacity Building” organized by KSIT, Bengaluru from 4th to 6th April 2022.

PUBLICATIONS BY FACULTY

- Dr. Rekha B Venkatapur “A Survey on Object Detection Techniques in Panoramic images and Videos” International Korkut Ata Scientific Researches Conference from 28th to 30th Jun 2022, Osmaniye, Turkey, Osmaniye Korkut Ata University.
- Dr. Rekha B Venkatapur “Object Detection on Panoramic Images Using YOLOv5” 8th International Mardin Artuklu Scientific Research Conference 4th to 6th June 2022 / Mardin, Turkey, organized by Institute of Economic Development & Social Researches, www.artuklukongresi.org.
- Dr. Rekha B Venkatapur “Quality Assessment System for Air Pollution Control in India through calibration and Machine Learning Algorithm” International Conference on Intelligent Systems & Computation (ICISC – 2022), 6th to 7th May 2022, at Poornima Institute of Engineering & Technology, Jaipur.
- Dr. Dayananda R B, “Survey on Diabetes Prediction Using Different Machine Learning Approaches” International Journal of Creative Research Thoughts an International Open Access, Peer-reviewed, Refereed Journal (IJCRT), Volume: 10, Issue: 5, May 2022, ISSN-2320-2882.
- Dr. Rekha B Venkatapur, “Morse Code Security”, International Journal of Current Science (IJCSPUB), www.ijcspub.org © 2022 IJCSPUB | Volume 12, Issue 2 April 2022 | ISSN: 2250-1770, 2nd Apr 2022.

- **Mr. Roopesh Kumar B N “Dataset Shift Quantification for Credit Card Fraud Detection using Machine Learning” International Journal of Current Science an International Open Access, Peer-reviewed, Refereed Journal (IJCSPUB), Volume: 12, Issue: 2, April 2022, ISSN-2250-1770.**
- **Mr. Kumar K “Survey on Blockchain-based Anonymous Tip-off system” International Journal of Innovative Science and Research Technology (IJISRT), Volume: 7, Issue: 4, April 2022, ISSN-2456-2165.**
- **Mr. Raghavendrachar S “Wearable Safety Device for Children” International Journal for Research in Applied Science & Engineering Technology (IJRASET), Volume: 10, Issue: 4, April 2022, ISSN-2321-9653.**
- **Mr. Raghavendrachar S “A New IoT Gateway for Smart Agriculture” Journal of Emerging Technologies and Innovative Research an International Scholarly Open Access, Peer-reviewed, Refereed Journal (JETIR), Volume: 9, Issue: 4, April 2022, ISSN-2349-5162.**
- **Dr. Rekha B Venkatapur, “A Survey on Anti-Keylogger”, International Journal of Current Science (IJCSPUB), www.ijcspub.org © 2022 IJCSPUB | Volume 12, Issue 2 April 2022 | ISSN: 2250-1770, 2nd Apr 2022.**
- **Dr. Vijayalaxmi Mekali “Visualizing and Forecasting Stocks Using Dash” Journal of Emerging Technologies and Innovative Research an International Scholarly Open Access, Peer-reviewed, Refereed Journal (JETIR), Volume: 9 Issue: 4, March 2022, ISSN-2349-5162.**
- **Mrs. Geetha R “Survey on Art Gallery with E-Commerce” Journal of Emerging Technologies and Innovative Research an International Scholarly Open Access, Peer-reviewed, Refereed Journal (JETIR), Volume: 9, Issue: III, March 2022, ISSN-2349-5162.**
- **Mrs. Geetha R “Chrome Extension for Dropdown Code Editor” Journal of Emerging Technologies and Innovative Research an International Scholarly Open Access, Peer-reviewed, Refereed Journal (JETIR), Volume: 9, Issue: III, March 2022, ISSN-2349-5162.**
- **Mrs. Pavithra J “Analyzing and Predicting Outcomes of IPL Cricket Data” International Research Journal of Engineering and Technology (IRJET), Volume :09, Issue:03, March 2022, e-ISSN-2395-0056, p-ISSN-2395-0072.**
- **Mr. Roopesh Kumar B N “Survey on Enhancing the performance of Antiphishing Mechanism using Machine Learning” International Advanced Research Journal in Science, Engineering and Technology (IARJSET), Volume :9, Issue:3, March 2022, ISSN (O)-2393-1588, ISSN (P)-2394-1588.**
- **Dr. Vaneeta M “Survey on Food Trace Using Blockchain”, Journal of Emerging Technologies and Innovative Research an International Scholarly Open Access,**

Peer-reviewed, Refereed Journal (JETIR), Volume: 9 Issue: 2, March 2022, ISSN-2349-5162.

- Dr. Vaneeta M “Survey on Industrial Air Quality Management System”, Journal of Emerging Technologies and Innovative Research an International Scholarly Open Access, Peer-reviewed, Refereed Journal (JETIR), Volume: 9 Issue: 2, March 2022, ISSN-2349-5162.
- Mr. Harshavardhan J R “Survey on Developing a Secured E-Commerce Application for Purchasing Electric”, Journal of Emerging Technologies and Innovative Research An International Scholarly Open Access, Peer-reviewed, Refereed Journal (JETIR), Volume :9, Issue:3, March 2022ISSN-2349-5162.
- Dr. Deepa S R “Bird Species Identification –A Survey”, Journal of Emerging Technologies and Innovative Research an International Scholarly Open Access, Peer-reviewed, Refereed Journal (JETIR), Volume: 9 Issue: 3, March 2022, ISSN-2349-5162.
- Mr. Roopesh Kumar B N “Anti-Poaching Detection System for forests” International Advanced Research Journal in Science, Engineering and Technology (IARJSET), Volume: 9, Issue: 3, March 2022, ISSN (O)-2393-8021, ISSN (P)-2394-1588.
- Mr. Kusahl Kumar B N “Design of a New Language seeks Literature Survey”, International Journal for Research in applied Science & Engineering Technology (IJRASET), Volume: 10, Issue: III, March 2022, ISSN-2321-9653.
- Dr. Vijayalaxmi Mekali “Detection and Segmentation of Corona Virus Infected Region of Lung in CT Images by Using Deep Learning Approach” Journal of Emerging Technologies and Innovative Research an International Scholarly Open Access, Peer-reviewed, Refereed Journal (JETIR), Volume: 9 Issue: 4, March 2022, ISSN-2349-5162.
- Mr. Kumar K “Forest Fire Susceptibility Using Neural Network” International Advanced Research Journal in Science, Engineering and Technology (IARJSET), Volume: 9, Issue: 2February 2022, ISSN (O)-2393-8021, ISSN (P)-2394-1588.
- Mr.Harshavardhan J R “Survey Paper on Online Whiteboard –A Web App for online Whiteboard Sessions”, International Advanced Research Journal in Science, Engineering and Technology (IARJSET), Volume: 9, Issue: 2, February 2022, ISSN-2394-1588.
- Mr. Raghavendruchar S “Human Dermis Cancer Detection” Journal of Emerging Technologies and Innovative Research an International Scholarly Open Access, Peer-reviewed, Refereed Journal (JETIR), Volume: 10, Issue: 10, 2022, ISSN-2349-5162.

- **Dr. Rekha B Venkatapur “Intelligence Surveillance System to Detect Moving Drones Equipped with Weapon Payloads” Journal Of Optoelectronics Laser Volume 41, Issue 9, 2022 ISSN: 1005-0086, DOI: 10050086.2022.09.64.**
- **Mr. Krishna Gudi “Movie Recommendation System using ML” Journal of Emerging Technologies and Innovative Research An International Scholarly Open Access, Peer-reviewed, Refereed Journal (JETIR), Volume :10, Issue:4, 2022, ISSN-2349-5162.**
- **Mr. Krishna Gudi “LitWit-Learning with Understanding” Journal of Emerging Technologies and Innovative Research an International Scholarly Open Access, Peer-reviewed, Refereed Journal (JETIR), Volume: 10, Issue: 4, 2022, ISSN-2349-5162.**
- **Mr. Prashanth H S “Survey on Personal Assistant for Visually Impaired” Journal of Emerging Technologies and Innovative Research An International Scholarly Open Access, Peer-reviewed, Refereed Journal (JETIR), Volume :10, Issue:4,2022, ISSN-2349-5162.**
- **Mrs. Beena K “Research on AI-Based System for COVID-19 Prevention” Journal of Emerging Technologies and Innovative Research An International Scholarly Open Access, Peer-reviewed, Refereed Journal (JETIR), Volume :10, Issue:3,2022, ISSN-2349-5162.**
- **Mrs. Beena K “E-HIRE” Journal of Emerging Technologies and Innovative Research An International Scholarly Open Access, Peer-reviewed, Refereed Journal (JETIR), Volume :10, Issue:4, 2022, ISSN-2349-5162.**
- **Mr. Manoj Kumar S “Depression Analysis” Journal of Emerging Technologies and Innovative Research an International Scholarly Open Access, Peer-reviewed, Refereed Journal (JETIR), Volume: 10, Issue: 3, 2022, ISSN-2349-5162.**
- **Mr. Manoj Kumar S “Airfare Prediction using Machine Learning” Journal of Emerging Technologies and Innovative Research An International Scholarly Open Access, Peer-reviewed, Refereed Journal (JETIR), Volume :10, Issue:4,2022, ISSN-2349-5162.**
- **Mrs. Pallavi K N “Blockchain Based E Voting System” Journal of Emerging Technologies and Innovative Research An International Scholarly Open Access, Peer-reviewed, Refereed Journal (JETIR), Volume :10, Issue:4, 2022, ISSN-2349-5162.**
- **Mrs. Rashmi H “Survey on Chronic Kidney Disease Prediction using Machine Learning” Journal of Emerging Technologies and Innovative Research An International Scholarly Open Access, Peer-reviewed, Refereed Journal (JETIR), Volume :9, Issue:3, 2022, ISSN-2349-5162.**

- Mrs. Rashmi H “Optical Heart Rate Detection via Webcam” Journal of Emerging Technologies and Innovative Research an International Scholarly Open Access, Peer-reviewed, Refereed Journal (JETIR), Volume: 9, Issue: 4, 2022, ISSN-2349-5162.

ACHIEVEMENTS BY FACULTY

PAPER REVIEWER / SESSION CHAIR

- Dr. Vijayalaxmi Mekali, Reviewer and Session Chair for “National Conference on Computing Technology – 2022” at RNSIT, Bangalore on 30th June 2022.
- Dr. Rekha B Venkatapur, Invited as Session Chair for “National Conference” at DSATM, Bangalore on 28th June 2022.
- Dr. Rekha B Venkatapur, Invited as Session Chair for “8th National Conference on Advancements in Information Technology (NCAIT – 2022)” at JSSATE, Bangalore on 16th June 2022.
- Dr. Rekha B Venkatapur, Reviewer for “International Mardin Artuklu Scientific Researches Conference” at Mardin, Turkey on 4th June 2022.
- Dr. Rekha B Venkatapur, Invited as Session Chair for “International Conference on Frontiers in Engineering, Management and Science (ICFEMS – 2022)” at APSCE, Bangalore on 27th and 28th April 2022.

PATENTS BY FACULTY

- Mr. Kushal Kumar B N and Mr. Harshavardhan J R Title of Invention “Machine Learning Based Approach To Detect The Quality Of Styripped Watermelon” on 4th June 2022 with IPR No. 202241032097.
- Mr. Harshavardhan J R Title of Invention “IOT Based Low Cost Effective Public Transport Crowd Monitoring System” on 25th May 2022 with IPR No. 202211030059.
- Mrs. Geetha R Title of Invention “Text Summarization And Dimensionality Reduction Using Learning Approach” on 4th March 2022 with IPR No. 202221011723.

ACHIEVEMENTS BY STUDENTS

- Naveen K M, Winner of the event “AICTE-SPICES, Mini Project Exhibition” organized by Dept. of CSE, KSIT, Bengaluru on 25th June 2022
- R V Yashvanth , Winner of the event “AICTE-SPICES, Mini Project Exhibition” organized by Dept. of CSE, KSIT, Bengaluru on 25th June 2022.

- Ajay, Darshan, Kushal K, Prajwal, Keerthi, Dhanush, Raksha, Samhitha, Pavithra, Shirisha, Ashika, Lisha secure second place in Fashion Show, Pranathi 2K22 organized by Jyothy Institute of Technology on 16 June 2022.
- Lisha C, Winner of the event “Inter-Collegiate Zonal Tournament-2022” organized by VTU, Belagavi on 6th and 7th June 2022.
- Lisha C, Winner of the event “KSGI Parisara 5K Marathon” organized by KSIT, Dept OF ECE, Bengaluru on 4th June 2022.

RESEARCH ACTIVITIES

Mrs. Uma Hombal has been completed Open Seminar 1 for the Thesis Titled “An Effective Security Protocol for Group Data Sharing in Healthcare Cloud Environment” carried out under Research Supervision Dr. Dayananda in R and D center, Department of Computer Science and Engineering, K. S Institute of Technology, Bengaluru.

100% RESULT

VIII SEMESTER	
Internet of Things(18CS81)	DR. VANEETA M
Storage Area Networks (18CS822)	MR. ROOPESH KUMAR B N

IV SEMESTER	
Data Communication (18CS46)	MR. KUSHAL KUMAR B N

TOPPERS

VIII TOPPERS LIST			
1	1KS18CS057	NARASIMHA MAIYA G S	95.6%
2	1KS18CS082	REKHA N C	94.8%
3	1KS18CS062	NIKITHA M	93.4%

VI TOPPERS LIST			
1	1KS19CS088	SHREESHA S	89.1%
2	1KS19CS055	MYTHREYI U	88.8%
3	1KS19CS098 1KS19CS011	SWETHA M KULKARNI AMRUTHA K H	88.6%

IV TOPPERS LIST			
1	1KS20CS058	N KEERTHANA	89.2%
2	1KS20CS074	POOJITHA Y	88.7%
3	1KS20CS091	SHILPA M	88.3%

ALUMNI INTERVIEW



Name: Prabhu B

Job Role & Company : Sr UI/UX
Designer & Vtiger Systems India Pvt
Ltd

Place: Bengaluru

Graduated from KSIT in the year: 2018

How do you manage time and set priorities?

To manage time and set priorities effectively, make a to-do list, set deadlines, use a calendar, focus on one task at a time, eliminate distractions, take breaks, and review and adjust your priorities regularly.

How do you plan to achieve your ambitious and goals in life?

To achieve ambitious goals, define them clearly, break them down into smaller steps, prioritize them, stay motivated, seek support, stay focused, and adapt to change. Remember to be patient, persistent, and keep moving forward.

Share your experience of working as your job role.

A UX designer may hope to learn about user behavior and needs, design principles, technical skills, collaboration and project management, and user feedback and data.

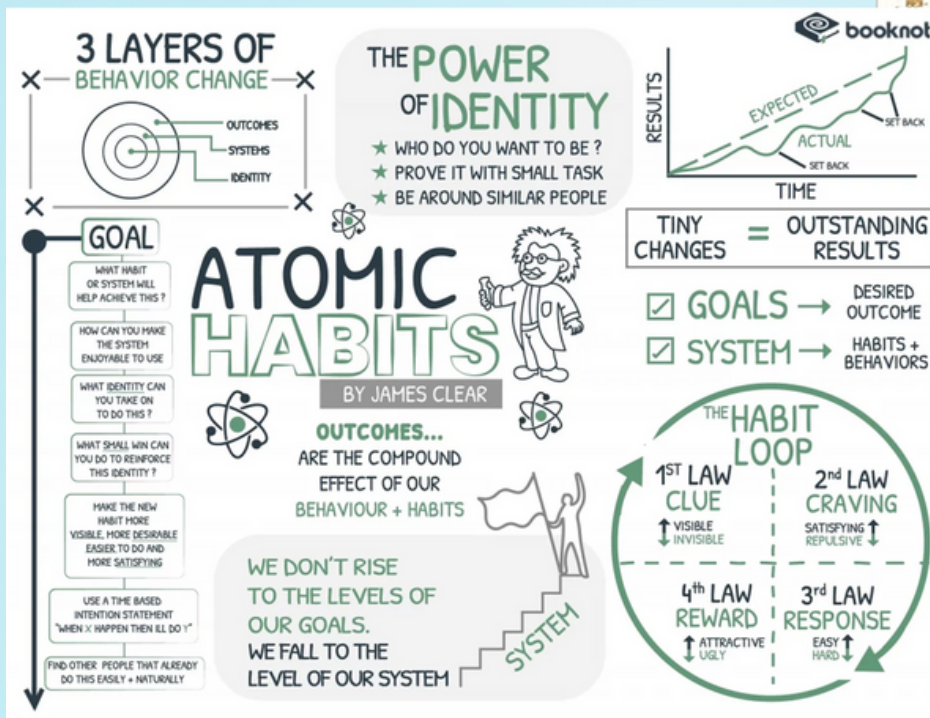
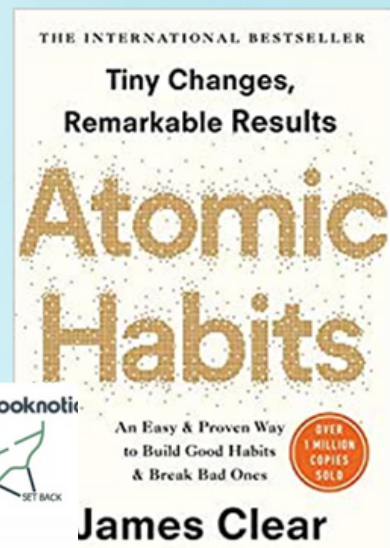
What attitude do you need to become successful?

Success is a journey that requires continuous learning, growth, and development.

Tell me about your college life.

During my time in college, I had the opportunity to gain practical experience that went beyond what I learned in my theoretical coursework. By participating in events such as hackathons and technical seminars, I was able to gain valuable insight into my career path and discover my passions where I am enjoying myself now.

ATOMIC habits by JAMES CLEAR



The Book in Three Sentences

1. An atomic habit is a regular practice or routine that is not only small and easy to do but is also the source of incredible power; a component of the system of compound growth.
2. Bad habits repeat themselves again and again not because you don't want to change, but because you have the wrong system for change.
3. Changes that seem small and unimportant at first will compound into remarkable results if you're willing to stick with them for years.

ATOMIC habits by JAMES CLEAR

The Five Big Ideas

1. Habits are the compound interest of self-improvement.
2. If you want better results, then forget about setting goals. Focus on your system instead.
3. The most effective way to change your habits is to focus not on what you want to achieve, but on who you wish to become.
4. The Four Laws of Behavior Change are a simple set of rules we can use to build better habits. They are
 - (a.) make it obvious,
 - (b.) make it attractive,
 - (c.) make it easy, and
 - (d.) make it satisfying.
5. Environment is the invisible hand that shapes human behavior.

K S Groups of Institutions



K.S. INSTITUTE OF TECHNOLOGY

14, Kanakapura Rd, Raghuvanahalli, Bangalore City
Municipal Corporation Layout, Bengaluru, Karnataka
560109

K.S. SCHOOL OF TECHNOLOGY AND MANAGEMENT AND K S POLYTECHNIC

Holiday Village Road, Vajarahalli Village, Mallasandra,
off, Kanakapura Rd, Bengaluru, Karnataka 560109



K.S. SCHOOL OF ARCHITECTURE

Holiday Village Road, Vajarahalli Village, Mallasandra,
off, Kanakapura Rd, Bengaluru, Karnataka 560109



K.S. PU COLLEGE

14, Kanakapura Rd, Raghuvanahalli, Bangalore City
Municipal Corporation Layout, Bengaluru, Karnataka
560109





Editorial Committee

Dr. Vijayalaxmi Mekali
Mrs. Pallavi K N
Mrs. Rashmi H

Student Committee

Ajay Girish
Vibha Govin