



KSIT
K S INSTITUTE OF TECHNOLOGY

KAMMAVARI SANGAM- 1952

K S INSTITUTE OF TECHNOLOGY

Approved by AICTE New Dehli, Affiliated to VTU, Belagavi &
Accredited by NBA(CSE,EC) and NAAC with A+ grade

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 experiential learning and research with professional ethics.*
- 3. Encourage team work through inter-disciplinary project and evolve as leaders with social concerns.*

Volume 10, Issue 1
January 2024 - June 2024

Program Educational Objectives

PEO 1: Excel in profession 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 and Engineering

PEO 2: Continuously enhance their knowledge on par with the development in IT industry and pursue higher studies in Computer Science and 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. Leela Shankar Rao
Hon. Secretary



Sri. R. Rajagopal Naidu
President



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

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 enormous support from the head of the department as well the management. Students of the CSE department are highly motivated and ready for IT Industry with hands-on experience in current technologies/programming languages. The department is accredited by NBA for three years (2024-2027).

In VTU results students are getting ranks and are working with reputed companies with higher salary packages. The students are actively participating in Hackathon and other coding contests at the International, National and State level and making their footprints. In the year 2023 Team Pegasus from the CSE department won the Smart India Hackathon competition. Our mission is to inculcate strong theoretical and practical knowledge for continuous learning and prepare students to find Computer solutions for 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 standards to achieve academic excellence and provides a platform for the students to achieve their career goals. 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. Several patents have been filed by the department faculty. The department preserves its achievements and publish its all activities by Bi-annual magazine 'CS-GYANBYTES' Volume 10 Issue 1 is set to release.

-DR. REKHA B VENKATAPUR
HOD

WORKSHOPS AND FDPs ATTENDED

- **Dr. Rekha B Venkatapur** attended a Workshop on "**Course Design in OBE and NBA Framework**" at **IISc, Bangalore** from 20-05-2024 to 24-05-2024 (5 Days).
- **Dr. H S Prasantha** acted as a Member in the **Technical Program Committee** for the **IEEE Conference on Contemporary Computing and Communication (InC4)** at **Christ University, Bangalore** from 15-03-2024 to 16-03-2024 (2 Days).
- **Dr. Kusuma T** attended an FDP on "**Exploring Generative AI**" at **East Point College of Engineering and Technology, Bengaluru** from 22-01-2024 to 26-01-2024 (5 Days).
- **Dr. Sunitha Chalageri** attended an FDP on "**Octave Mathematical Software**" at **DSCE, Bangalore** from 07-06-2024 to 08-06-2024 (2 Days), an FDP on "**Introduction to Industry 4.0 and Industrial Internet of Things**" by NPTEL from Jan – Apr 2024 (4 Months), an FDP on "**Computer Graphics and Image Processing**" at **SIBIT, Bangalore** from 22-04-2024 to 27-04-2024 (6 Days),
- **Mr. Kumar K** attended a Webinar on "**Advancements in Full Stack Engineering with Power of ChartGPT**" organized by **XIMAX Solutions Pvt. Ltd.** on 02-02-2024 (1 Day).
- **Mr. Prashanth H S, Mr. Krishna Gudi, and Mrs. Kavya M S** attended an FDP on "**Outcome Based Education**" at **KSIT, Bangalore**, from 03-06-2024 to 07-06-2024 (5 Days).
- **Mr. Prashanth H S** attended an FDP on "**Outcome Based Education**" at **KSIT, Bangalore** from 03-06-2024 to 07-06-2024 (5 Days).
- **Mrs. Rashmi H** attended an FDP on "**Octave Mathematical Software**" at **DSCE, Bangalore** from 07-06-2024 to 08-06-2024 (2 Days)
- **Mr. Babu G** attended an STP on "**Empowering Non-Teaching Staff**" at **KSSEM, Bangalore** from 22-04-2024 to 24-04-2024 (3 Days).

- **Mr. Somasekhar T** attended an FDP on "**Outcome Based Education**" at **KSIT, Bangalore** from 03-06-2024 to 07-06-2024 (5 Days), participated in the Microchip Academia Program Meet at Silicon Microsystems on 20-03-2024 (1 Day), and coordinated a Workshop on "**International Student Workshop on Data Science using Python**" organized by Brain O Vision Solutions India Pvt. Ltd. from 19-02-2024 to 23-02-2024 (5 Days).
- **Mrs. Pallavi K N, Mr. Laxmikantha K, and Ms. Namyapriya D** attended an FDP on "**Outcome Based Education**" at **KSIT, Bangalore** (03-06-2024 to 07-06-2024). Additionally, **Mrs. Pallavi K N and Ms. Namyapriya D** attended an FDP on "**Full Stack Development Using Django**" at **JSSATE, Bangalore** (01-04-2024 to 03-04-2024), while **Mr. Laxmikantha K and Ms. Namyapriya D** attended an FDP on "**Full Stack Development**" at **BIT, Bangalore** (29-04-2024 to 03-05-2024).
- **Mrs. Swapna S Banasode** attended a PDP on "**Quantum Computing and Machine Learning with Hands-on**" at **Vardhaman College of Engineering, Hyderabad** from 24-06-2024 to 28-06-2024 (5 Days) and an FDP on "**Outcome Based Education**" at **KSIT, Bangalore** from 03-06-2024 to 07-06-2024 (5 Days).
- **Mr. Abhilash L Bhat, Mrs. Shruthi T S, and Mrs. Roopashree S V** attended a **Faculty Development Program (FDP)** on "**Outcome Based Education**" at **KSIT, Bangalore**, from 03-06-2024 to 07-06-2024 (5 Days).
- **Ms. Preethi R and Mrs. Rekha B N and Ms. Keethana M N** attended a Workshop on "**Database Management System**" at **SJBIT, Bangalore**, from 23-04-2024 to 25-04-2024 (3 Days).
- **Vimala Kumari V, Divya R G, Suma M S, Ashalatha N S, Lakshmi V, Geetha V, Jyothi, and Saraswathi N** attended an **SDP** on "**Empowerment Through Excellence: Professional Growth for Non-Teaching Staff**" at **KSIT, Bangalore**, from 27-06-2024 to 29-06-2024 (3 Days).

NPTEL COURSE

- **Shama Shivaraj Shetty** has secured '**Elite+Silver**' for the course '**Introduction to Programming in C**' during the course duration from Jan to Mar 2024.
- **Archit Ganapati Avadhani** has secured '**Elite**' for the course '**Data Science for Engineers**' during the course duration from Jan to Mar 2024.

EVENTS CONDUCTED

The Department of Computer Science and Engineering organized a Workshop on "**Introduction to Experiential Learning using Virtual Labs**" on 02-06-2024 at College, conducted by **Ms. Vismaya M Kumar, Ms. Anusha B Salian, Ms. Akshaya**, Research Fellow, NIT Surathkal, Mangalore, for V Sem Students.



Fig: Principal addressing gathering

The Department of Computer Science and Engineering organized an **Industrial Visit to IISc Bangalore – Open Day 2024** on 24-02-2024 at College, for V Sem Students.



Fig: Industrial visit to IISc

The Department of Computer Science and Engineering organized a Seminar on "**Blockchain and Web3 – Building with Krycore web3.0**" on 19-02-2024 at College, conducted by **Mr. Bharatharaj Babu** and his colleagues, Team Krycore Technologies, for III & V Sem Students (131 participants).



Fig: Blockchain and Web3 Seminar

The Department of Computer Science and Engineering organized a Mini Project Exhibition on "**DBMS Mini Project Exhibition**" on 18-03-2024 at College, conducted by **Mr. Adi Prasanna C R**, Application Architect, IBM India Pvt Ltd, Bengaluru, for V Sem Students.



Fig: DBMS Mini-Project Exhibition

The Department of Computer Science and Engineering organized an Awareness Programme on "**Outcome-Based Education**" on 04-03-2024 at College, conducted by **Mr. Krishna Gudi**, Associate Professor, CSE, KSIT, for II Sem Students (186 participants).



Fig: Seminar on Outcome Based Education

The Department of Computer Science and Engineering organized a Workshop on "**Unlocking Potential with OBE**" on 18-04-2024 at College, conducted by **Mr. Krishna Gudi**, Associate Professor, CSE, KSIT, for Staff (45 participants).



Faculty members engrossed in a presentation on Outcome-Based Educa

Fig: Seminar on Unlocking Potential with OBE

The Department of Computer Science and Engineering organized a **Project Exhibition & Competition** – 2024 on 30-04-2024 at College, with **Mr. Mahantesh Kolhar**, Project Manager, Universal Electronics, **Chandra Sekhar Kambham**, Senior Engineer at Huawei Technologies India, and **Dr. Ramakrishna M**, Professor & Head of Department, CSE at Vemana Institute of Technology, Bangalore, as judges, for VIII Sem Students (129 participants).



Fig: Project Exhibition & Competition

The Department of Computer Science and Engineering organized a Technical Talk on "**Computational Science**" on 24-05-2024 at College, conducted by **Dr. S R Subramanya**, President & CEO, Exskillence, San Diego, USA, for 6th Sem Students.

The Department of Computer Science and Engineering organized an FDP on "**Outcome-Based Education**" from 27-05-2024 and 3rd - 6th June 2024 at College, conducted by **Dr. S R Subramanya**, President & CEO, Exskillence, San Diego, USA, for Staff (50 participants).



Fig: FDP on Outcome based Education

The Department of Computer Science and Engineering organized an Industrial Visit to **Xcel Corporation** Software Development Centre on 17-05-2024 at College, located at BTM Layout, Bangalore, for VI Sem Students (115 participants).



Fig: Industrial Visit to Xcel Corporation

PATENTS BY FACULTY

- **Dr. H S Prasantha** filed patents on "An Innovative Techniques of Mineral Survey and Evaluation Using Hyperspectral Remote Sensing" , "An Approach for Segmenting Hyperspectral Images Using Supervised Classifiers Techniques" , and "Performance Analysis of Soft Computing Approaches for Hyperspectral Image Classification" at National Level, Published on 02-02-2024, 12-01-2024, and 12-01-2024, respectively.
- **Dr. R. Senkamalavalli** has received two national patents, published on October 27, 2023, and granted on January 12, 2024. The first is for an **FPGA-based smart assist virtual doctor system** to provide basic medical information. The second is for a **smart portable safety gas monitoring system for drainage using IoT**. These patents focus on advancements in healthcare and safety technology.

ACHIEVEMENTS BY DEPARTMENT

ACHIEVEMENTS BY FACULTY

SESSION CHAIR/PAPER REVIEWER

- **Dr. Rekha B Venkatapur**, Session Chair at **National Conference on Digital Technology & Engineering** held at **RVITM, Bangalore** on **02-05-2024 to 03-05-2024**.
- **Dr. Rekha B Venkatapur**, Session Chair at **IEEE Conference on Contemporary Computing and Communication (InC4)** held at **Christ University, Bangalore** on **15-03-2024 to 16-02-2024**
- **Dr. H. S. Prasantha** served as a Reviewer for **international Conference on Distributed Computing and Optimization Techniques (ICDCOT – 2024)** at **SJBIT, Bangalore** (March 15–16, 2024), **2nd International Conference on Integrated Circuits and Communication Systems (ICICACS – 2024)** at **Sir MVCE, Raichur** (February 23–25, 2024), **IEEE International Conference for Women in Innovation, Technology, and Entrepreneurship (ICWITE – 2024)** organized by **IEEE Women in Engineering Affinity Group, Bangalore Section** (February 16–17, 2024).

- **Dr. Sunitha Chalageri, Reviewer of International Conference on Distributed Computing and Optimization Techniques (ICDCOT – 2024) held at SJBIT, Bangalore on 15-03-2024 to 16-03-2024.**

BOOK SERIES EDITOR

Dr. Rekha B Venkatapur authored a book chapter titled "A General Comparative Study of Various Video Compression Standards Based on Their Features, Working Mechanism and Usage Applications" in Springer Link under the book series "Lecture Notes in Networks and Systems (LNNS, Volume 993)", published by Springer, Singapore, First Online on 23-08-2024

ACHIEVEMENTS BY STUDENTS

- **Hack-A-City 2.0:** Shamitha R (1KS21CS088), Sneha S (1KS21CS096), Rashmi B Phulari (1KS21CS079), and Sindhu Megha (1KS21CS094) participated in the event organized by City Engineering College from 20-06-2024 to 21-06-2024.
- **Hackman:** Divya Shree S (1KS22CS041), Surabhi Rao (1KS22CS189), Karthik V (1KS22CS060), and D S Aishwarya (1KS22CS036) participated in the event organized by DSCE, Bengaluru from 08-06-2024 to 09-06-2024.
- **JITHACK 24:** Surabhi Rao (1KS22CS189) and Ananya Prasad S (1KS21CS012) participated in the event organized by JIT, Bengaluru from 07-06-2024 to 08-06-2024.
- **National Level Project Competition–2024:** Pradhymna K, Narasimha N, Saahil Dharmaji, Trupthi G B, and Krishna Gudi participated in the event organized by BIT, Bangalore on 13-04-2024 and secured the **2nd Prize**.

- **National Level Project Competition–2024: Jonna Dileep, B Jaidev, Chaitra, Jeevan, Kavitha R, Kavya R, and Pallavi K N** participated in the event organized by **BIT, Bangalore** on 13-04-2024.
- **State Level Project Exhibition Protatva – 2024: Y Jhansi** participated in the event organized by **RVIT, Bengaluru** on 24-04-2024.
- Our students secured **funding** for their project "**Cyber Aparadha Sambanditha Kaanunu Salahe (CAS-KS)**" under the **47th Series Student Project Programme** by **KSCST**, receiving a grant of **₹3,000**. Led by **Ms. Ganashree K, Ms. Ganashree G. M., and Ms. Dhanya Sharanya Shree R.,** and guided by **Dr. Rekha B. Venkatapur,** this project from the **Computer Science and Engineering Department** showcases their **innovation in cybersecurity legal advisory solutions.**
- In **Industrial Visit to XCEL Corp** The top 3 performers **Thejus K, Anubhav Misra, and Akash S R** were awarded internships at **XCEL Corp.**



Thejus K

Akash S R

Anubhav Misra

Fig: Students receiving Scholarship certificate

PUBLICATIONS BY FACULTY

- **Dr. H S Prasantha** authored a chapter titled "**Futuristic Trends in Artificial Intelligence**" in Volume 3, Book 5, 2024, of the IIP Series, published by Selfypage Developers Pvt. Ltd. The E-ISBN for this publication is 978-93-6252-373-0. The publication date is 25-02-2024.
- **Dr. Rekha B Venkatapur** published a paper titled "**Motion Estimation using Optical Flow Through A CNN based Pyramidal Warping and Cost Volume Approach: An Optimized PWC-Net Model**" in the Grenze International Journal of Engineering and Technology. The paper has a Grenze ID of 01.GIJET.10.2.737 and is indexed in Scopus.
- **Dr. Rekha B Venkatapur** also published a paper titled "**Cyber Sentry: A Chatbot Solution for Tackling Cybercrime**" in the Journal of Xidian University, ISSN No: 1001-2400, Volume 18, Issue 4, 2024. The paper's DOI is [10.5281/Zenodo.11047170]
- **Dr. Rekha B Venkatapur** wrote a paper titled "**Insights into Air Quality and Mixed Gas Analysis: A Machine Learning and Visualization Approach**" in the Journal of Xidian University, ISSN No: 1001-2400, Volume 18, Issue 5, 2024. The paper can be accessed
- **Dr. Rekha B Venkatapur** published a paper titled "**A Contemporary Survey on Advancements in Adversarial Attacks and Defense Mechanisms in the Field of Machine Learning**" in HTL Journal, ISSN No: 1006-6748. This paper has an impact factor of 2.7 and is a peer-reviewed international journal. The publication appeared in Volume 30, Issue 3, March 2024.

- **Dr. Vijayalaxmi Mekali** published a paper titled "**NeuroSync: Thoughts to Character Conversion Through Deep Learning Ensemble Model**" in the International Advanced Research Journal in Science, Engineering, and Technology. This paper has an impact factor of 8.066 and is a peer-reviewed and refereed journal. It was published in Volume 11, Issue 4, April 2024.
- **Mr. Somasekhar T** authored a paper titled "**Insights into Air Quality and Mixed Gas Analysis: A Machine Learning and Visualization Approach**" in the Journal of Xidian University, ISSN No: 1001-2400, Volume 18, Issue 5, 2024.
- **Mr. Somasekhar T** also published a paper titled "**Predicting Network Security Using Machine Learning**" in the UGC Approved Journal of Xidian University, ISSN No: 1001-2400, Volume 18, Issue 4, 2024. The DOI for this paper is [10.5281/Zenodo.11098310]
- **Miss. Namyapriya D** wrote a paper titled "**Savoring Success: Enhancing Restaurant Recommendations with Videos**" in HTL Journals, ISSN: 1006-6748. The paper has an impact factor of 2.7 and is peer-reviewed. It was published in Volume 30, Issue 4, April 2024
- **Mr. Roopesh Kumar B N** published a paper titled "**A Contemporary Survey on Advancements in Adversarial Attacks and Defense Mechanisms in the Field of Machine Learning**" in HTL Journal, ISSN No: 1006-6748. This paper has an impact factor of 2.7 and is a peer-reviewed international journal. It was published in Volume 30, Issue 3, March 2024.

- **Mr. Roopesh Kumar B N** also authored a paper titled "**BlockLottery: A Decentralized Lottery System based on Blockchain Technology**" in HTL Journal, ISSN No: 1006-6748. This paper has an impact factor of 2.7 and was published in Volume 30, Issue 7, 2024.
- **Mrs. Kavya MS** wrote a paper titled "**Edge Computing: Fundamental Principles, Comprehensive Review and Future Directions**" in HTL Journals, ISSN No: 1006-6748. The paper has an impact factor of 2.7 and was published in Volume 30, Issue 3, March 2024.
- **Dr. Rekha B Venkatapur** presented a paper titled "**Motion Estimation using Optical Flow Through A CNN based Pyramidal Warping and Cost Volume Approach: An Optimized PWC-Net Model**" at the 1st International Conference on Emerging Technologies in Science & Engineering, held at Akshaya Institute of Technology, Lingapura, Tumkur, on 26th and 27th June 2024. This paper won the Best Paper Award.
- **Dr. Rekha B Venkatapur** also presented the same paper titled "**Motion Estimation using Optical Flow Through A CNN based Pyramidal Warping and Cost Volume Approach: An Optimized PWC-Net Model**" at the 15th International Conference on ACT 2024 Proceedings, held in June 2024.

RESEARCH ACTIVITIES

- The Ph.D. final viva voce examination of **Kashika P.H (USN: 1KS17PEA10)** was held on 15th July 2023 at the **CSE R&D Centre, KSIT, Bengaluru**, as per VTU guidelines. Her research, "**Developing an Intelligent Surveillance System for Detection of Moving Objects in Panoramic Video Frames,**" focused on advanced surveillance and object detection techniques.



Kashika .P.H

- The Ph.D. Public Viva-Voce Examination of **Mrs. Daneshwari A Noola (USN: 1KS16PEJ07)**, a research scholar of **CSE Research Centre, KSIT**, was held on 20th October 2023 at NB-Seminar Hall, KSIT, Bengaluru, as per VTU guidelines. Her thesis, "**Techniques for Disease Identification in Multiple Crops using Image Processing,**" explored advanced image processing methods for agricultural disease detection.



Mrs. Daneshwari A Noola

100% RESULT

VII SEMESTER	
SUBJECT	STAFF
ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING (18CS71)	Mrs. SHRUTHI T S , Dr. KUSUMA T, DR. PRADEEP DESAI
BIG DATA ANALYTICS (18CS72)	Dr. R SENKAMALAVALLI
USER INTERFACE DESIGN (18CS734)	Mrs. PALLAVI K N
CRYPTOGRAPHY (18CS744)	Mrs. KAVYA M S , Mrs. PALLAVI R
ENERGY AND ENVIRONMENT (18ME751)	Dr. NAGAPRASAD K S , Mr. HARISH U

V SEMESTER	
SUBJECT	STAFF
AUTOMATA THEORY AND COMPILER DESIGN (21CS51)	Dr.SUNITA CHALAGERI
COMPUTER NETWORKS (21CS52)	Dr. REKHA B VENKATAPUR
DATABASE MANAGEMENT SYSTEM(21CS53)	Mr.SOMASEKHAR T
RESEARCH METHODOLOGY & INTELLECTUAL PROPERTY RIGHTS(21RMI56)	Mr. LAXMIKANTHA K
ENVIRONMENTAL STUDIES AND E-WASTE MANAGEMENT(21CIV57)	Mrs. SHYLAJA R
DATABASE MANAGEMENT SYSTEMS LABORATORY WITH MINI PROJECT(21CSL55)	Mr.SOMASEKHAR T, Dr.SUNITA CHALAGERI

III SEMESTER	
SUBJECT	STAFF
DIGITAL DESIGN & COMPUTER ORGANIZATION (BCS302)	Mr.ROOPESH KUMAR B N
DATA STRUCTURES AND APPLICATION (BCS304)	Mr. ABHILASH L BHAT
AEC - DATA ANALYTICS WITH R (BCS358B)	Ms. NAMYAPRIYA D, Mrs. SWAPNA S BANASODE

TOPPERS

VII SEMESTER			
Sl no.	USN	NAME	PERCENTAGE
1	1KS20CS041	JAHNAVI P	89.86%
2	1KS20CS114	Y JHANSI	89.43%
3	1KS20CS017	BRUNDA B	89.43%

V SEMESTER			
Sl no.	USN	NAME	PERCENTAGE
1	1KS21CS033	HARSHITHA K M	90%
2	1KS21CS014	ARCHANA P	88.88%
3	1KS21CS043	JASHWANTH P C	88.75%

III SEMESTER			
Sl no.	USN	NAME	PERCENTAGE
1	1KS22CS050	HEMAMBHIKA B N	93.78%
2	1KS22CS161	SUPRIYA K	93%
3	1KS22CS169	THANUSHA S	92.89%

ALUMNI INTERVIEW



Name: Pradhyumna K

Job Role: Associate Software Engineer

Company: Fiery Digital Imaging India

Place: Bengaluru

Graduated from KSIT in the year: 2024

How do you manage time and set priorities?

I manage my time by prioritizing tasks based on their urgency and importance. When work requires my focus, I ensure deadlines are met efficiently. At the same time, I recognize the importance of maintaining a healthy balance and set aside time to unwind—whether by spending time with friends, family, or engaging in hobbies like singing or playing a musical instrument. This approach helps me stay productive and motivated in both personal and professional aspects.

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

I strive for a balanced approach by focusing not only on professional growth but also on personal development. Continuous learning is key to this journey, and I actively seek opportunities to expand my knowledge and refine my skills.

Share your experience of working as your job role?

Working as an Associate Software Engineer has provided me with invaluable exposure to the printing industry and the company's diverse practices. I have gained hands-on experience in debugging complex systems on live servers with extensive codebases while ensuring deadlines are met. Additionally, I have honed my ability to collaborate effectively within my team and across different teams.

What attitude do you need to become successful?

I believe success comes from a balance of continuous learning, adaptability, and self-awareness. While embracing challenges and seizing opportunities are essential for growth, knowing when to say "no" is just as important. Setting boundaries isn't about avoiding responsibility but about maintaining focus, preventing burnout, and ensuring commitments are met effectively. Success isn't solely defined by technical expertise; strong communication, teamwork, and resilience play a crucial role. I strive to stay curious, embrace feedback, and develop a problem-solving mindset. Hard work and persistence are key, but so is the ability to prioritize wisely and make thoughtful decisions that align with long-term goals.

Tell me about your college life?

College life was filled with laughter, friendships, and the anxiety of internals and semester-end exams. I am grateful to all my professors for their constant support and guidance throughout these years. A special mention to Raghavendrchar Sir, who stood by us as a mentor and helped us overcome the fear of complex technical concepts. I would also like to thank Krishna Gudi Sir, our final-year project guide, whose guidance helped us explore advanced technologies and complete our project on time. Our Head of the Department, Rekha Ma'am, and Principal, Dilip Sir, ensured we had the right support to meet VTU's academic and extracurricular requirements. Lastly, I am thankful to the management of K. S. Institute of Technology for providing an environment that encouraged learning and growth.

THE POWER OF A POSITIVE ATTITUDE



Five Key Takeaways to Cultivate a Positive Attitude

1. Embrace Optimism – Focus on the bright side of challenges and believe in positive outcomes.
2. Practice Gratitude – Recognizing the good in your life fosters happiness and resilience.
3. Turn Failures into Lessons – Every setback is an opportunity to grow and improve.
4. Surround Yourself with Positivity – Be with people, books, and habits that uplift you.
5. Believe in Yourself – Self-confidence is the foundation of a positive mindset.

The Five Big Ideas of a Positive Attitude

1. Your thoughts shape your reality – What you think, you become.
2. Happiness is a choice – Choose to focus on joy and growth.
3. Challenges make you stronger – Overcoming difficulties builds character.
4. Positivity is contagious – Spread good vibes to inspire others.
5. Success starts in the mind – A positive outlook leads to better results.

**"Your attitude determines your direction.
Stay positive, keep moving forward!"**

EDITORIAL COMMITTEE



Ms. Namyapriya D



Ms. Roopashree S V

STUDENT COMMITTEE



Srinidhi Madhusudan



Varun Sai V



Sourav G



Saketh A V

K S Group of Institutions



K. S. INSTITUTE OF TECHNOLOGY

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

K. S. SCHOOL OF ENGINEERING AND MANAGEMENT

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. PUC COLLEGE

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



K S POLYTECHNIC

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Kanakapura Rd, Bengaluru, Karnataka 560109

