



KAMMAVARI SANGAM- 1952

KS Institute of Technology

Approved by AICTE New Delhi, Affiliated to VTU, Belagavi &
Accredited by NAAC & NBA(Dept. of CSE,ECE,ME)

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 9, Issue 2
July 2023- December 2023

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 mind is everything



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 9 Issue 2 is all set to release.

-Dr. Rekha B Venkatapur
HOD

what you think, you become

EVENTS CONDUCTED

- The Department of Computer Science and Engineering Organized Seminar on “Organic Farming and Benefits of Organic Farming” on 19th December 2023.



- The Department of Computer Science and Engineering organized “Technical Training & Project Exhibition” on 1st December 2023.



- The Department of Computer Science and Engineering Organized “Industrial Visit”, on 30th November 2023.



Gratitude, Goals, Growing and Glowing

- The Department of Computer Science and Engineering in association with CSI Organized a Workshop on “Image Processing with Open CV” on 30th October 2023.



- The Department of Computer Science and Engineering Organized FDP on “Teaching, Learning & OBE” from 21st September to 27th September 2023.



- The Department of Computer Science and Engineering in association with CSI Organized GL on “Online Tecktonik 1.6 Data Privacy” on 7th September 2023.



Be the change that you wish to see in the world

- The Department of Computer Science and Engineering in association with Cyber Ninja Technologies Pvt. Ltd Organized Talk on “Awareness about Overseas Opportunities” on 17th August 2023.



- The Department of Computer Science and Engineering in association with ED Cell Organized Talk on “Entrepreneurship - Venture Vision” on 22nd August 2023.



- The Department of Computer Science and Engineering in association with CSI Organized Mini Project Exhibition on “CG & MAD Mini Project Exhibition” on 10th July 2023.



Hold the vision, Trust the process

- The Department of Computer Science and Engineering Organized Online Seminar on “DevOps Career Opportunities” on 21st July 2023.



EVENTS ATTENDED BY FACULTY

- Mr. Raghavendrachar S attended a Training Program on “VTU Consortium E-Resources” at RNSIT on 5th December 2023.
- Dr. Sunitha Chalageri, Reviewer for “IEEE Mysurucon 2023 – The 3rd Edition of the Flagship International Conference Series of IEEE Mysore Subsection” organized by Malnad College of Engineering, Hassan on 1st and 2nd December 2023.
- Dr. Rekha B Venkatapur attended an Event on “Insight from Leaders” organized KSSEM, Bengaluru on 24th November 2023.
- Mr.Somasekhar T attended an Event on “Insight from Leaders” organized KSSEM, Bengaluru on 24th November 2023.
- Ms.Namyapriya D attended an Event on “Insight from Leaders” organized KSSEM, Bengaluru on 24th November 2023.
- Dr. Rekha B Venkatapur attended Research Symposium on “Synergistic Innovations” organized RNSIT, Bengaluru on 17th November 2023.
- Dr. H S Prasantha attended PDP for “Digital Design & Computer Organization (DDCO- BCS302)” organized by Atria Institute of Technology from 7th to 9th November 2023.
- Mr.Roopesh Kumar B N attended PDP for “Digital Design & Computer Organization (DDCO- BCS302)” organized by Atria Institute of Technology from 7th to 9th November 2023.
- Mr. Krishna Gudi attended PDP for “Digital Design & Computer Organization (DDCO- BCS302)” organized by Atria Institute of Technology from 7th to 9th November 2023.

Determined to rise

- Mr.Abhilash L Bhat attended PDP for “Digital Design & Computer Organization (DDCO- BCS302)” organized by Atria Institute of Technology from 7th to 9th November 2023.
- Dr. R Senkamalavalli attended a FDP on “Artificial Intelligence and its Applications in Communication, Signal Processing, Image Processing and Computing Applications” at CMRIT, Bangalore from 6th to 10th November 2023.
- Mrs.Shruthi T S attended a FDP on “Artificial Intelligence and its Applications in Communication, Signal Processing, Image Processing and Computing Applications” at CMRIT, Bangalore from 6th to 10th November 2023.
- Mr.Harshavardhan J R attended a FDP on “VTU Angular JS and Node JS” at JSSATE, Bangalore from 2nd to 04th November 2023.
- Mr.Laxmikantha K attended a FDP on “VTU Angular JS and Node JS” at JSSATE, Bangalore from 2nd to 04th November 2023.
- Mrs. Swapna S Banasode attended a FDP on “VTU Angular JS and Node JS” at JSSATE, Bangalore from 2nd to 04th November 2023.
- Dr.Sunitha Chalageri attended a FDP on “Recent Angular JS and Node JS” at SVCE, Bangalore from 16th to 20th October 2023.
- Mr.Harshavardhan J R attended a FDP on “VTU Angular JS and Node JS” at SVCE, Bangalore, from 16th to 20th October 2023.
- Dr. R Senkamalavalli attended a FDP on “IoT's and Sensor Networks” at NITTTR, Chandigarh, from 9th to 13th October 2023.
- Dr. Sunitha Chalageri attended a FDP on “Recent Trends in Deep Learning & Large Language Models” at IIT, Roorkee, Electronics & ICT Academy, from 9th to 13th October 2023.
- Mr. Harshavardhan J R attended a FDP on “Teaching Learning & OBE Concepts” at KSIT, Bangalore from 21st to 27th September 2023.
- Dr. Ganga Holi attended a FDP on “Teaching Learning & OBE Concepts” at KSIT, Bangalore from 21st to 27th September 2023.
- Dr. Sunitha Chalageri attended a FDP on “Teaching Learning & OBE Concepts” at KSIT, Bangalore from 21st to 27th September 2023.
- Mr. Sanjoy Das attended a FDP on “Teaching Learning & OBE Concepts” at KSIT, Bangalore from 21st to 27th September 2023.
- Mrs. Rashmi H attended a FDP on “Teaching Learning & OBE Concepts” at KSIT, Bangalore from 21st to 27th September 2023.
- Mr. Laxmikantha K attended a FDP on “Teaching Learning & OBE Concepts” at KSIT, Bangalore from 21st to 27th September 2023.
- Ms. Namyapriya D attended a FDP on “Teaching Learning & OBE Concepts” at KSIT, Bangalore from 21st to 27th September 2023.

- Mrs. Ramanjinamma G attended a FDP on “Teaching Learning & OBE Concepts” at KSIT, Bangalore from 21st to 27th September 2023.
- Mrs. Swapna S Banasode attended a FDP on “Teaching Learning & OBE Concepts” at KSIT, Bangalore from 21st to 27th September 2023.
- Mrs. Ramya R attended a FDP on “Teaching Learning & OBE Concepts” at KSIT, Bangalore from 21st to 27th September 2023.
- Mr. Kumar K Participated in “INUP-i2i Nano Hackathon Innovative Solutions for Societal Problems through Nanotechnology” at IIT, Kharagpur on 25th September 2023.
- Mr. Krishna Gudi Participated in “INUP-i2i Nano Hackathon Innovative Solutions for Societal Problems through Nanotechnology” at IIT, Kharagpur on 25th September 2023.
- Mr. Prashanth H S Participated in “INUP-i2i Nano Hackathon Innovative Solutions for Societal Problems through Nanotechnology” at IIT, Kharagpur on 25th September 2023.
- Mrs. Rashmi H attended a FDP on “Applications of Augmented Reality and Virtual Reality in Engineering” at KSSEM, Bangalore from 14th and 15th September 2023.
- Mr. Laxmikantha K attended a FDP on “Applications of Augmented Reality and Virtual Reality in Engineering” at KSSEM, Bangalore from 14th and 15th September 2023.
- Mrs. Ramya attended a FDP on “Applications of Augmented Reality and Virtual Reality in Engineering” at KSSEM, Bangalore from 14th and 15th September 2023.
- Dr.Kusuma T attended a FDP on “Full Stack Application Development with MS Azure Cloud under TechSaksham” at Microsoft, SAP, AICTE, from 4th and 9th September 2023.
- Dr. Vijayalaxmi Mekali Article Reviewer for “Conference on Networks, Multimedia and Information Technology (NMITCON)” at NITTE on 1st and 2nd September 2023.
- Dr. Kusuma T attended a FDP on “Advances in Machine Learning, Image Processing and Natural Language Processing” at Nagaland University from 16th to 21st August 2023.
- Dr. Sunitha Chalageri attended a FDP on “Advances in Machine Learning, Image Processing and Natural Language Processing” at Nagaland University from 16th to 21st August 2023.
- Mrs. Shruthi T S attended a FDP on “Advances in Machine Learning, Image Processing and Natural Language Processing” at Nagaland University from 16th to 21st August 2023.

- Dr. H S Prasantha attended Workshop on “IEEE INDISCON – 2023” at GSSS Institute of Engineering & Technology for Women on 5th to 7th August 2023.
- Mr. Krishna Gudi attended a FDP on “IP Incubation and Startups” at KSIT, Bangalore from 3rd to 8th August 2023.
- Mr.Somasekhar T attended a FDP on “IP Incubation and Startups” at KSIT, Bangalore from 3rd to 8th August 2023.
- Mrs.Pallavi K N attended a FDP on “IP Incubation and Startups” at KSIT, Bangalore from 3rd to 8th August 2023.
- Mrs.Kavya M S attended a FDP on “IP Incubation and Startups” at KSIT, Bangalore from 3rd to 8th August 2023.
- Mrs.Pallavi R attended a FDP on “IP Incubation and Startups” at KSIT, Bangalore from 3rd to 8th August 2023.
- Mr.Laxmikantha K attended a FDP on “IP Incubation and Startups” at KSIT, Bangalore from 3rd to 8th August 2023.
- Ms.Namyapriya D attended a FDP on “IP Incubation and Startups” at KSIT, Bangalore from 3rd to 8th August 2023.
- Mrs.Swapna S Banasode attended a FDP on “IP Incubation and Startups” at KSIT, Bangalore from 3rd to 8th August 2023.
- Mr.Abhilash L Bhat attended a FDP on “IP Incubation and Startups” at KSIT, Bangalore from 3rd to 8th August 2023.

PUBLICATIONS BY FACULTY

- Dr. Prashanth H S, “Galactical Image Detection And Identification – A Survey Report” International Journal OF Creative Research Thoughts (IJCRT) Volume:11 Issue:11 November -2023 ISSN:2320-2882 Impact Factor value:7.97 UGC approved journal no:49023 (18) Paper Id:IJCRT2311613 Registration id:247004 Page No:f212-f222.
- Dr. Kusuma T “Survey on Multi-Model Medical Image Fusion” International Journal forResearch in Applied Science and Engineering Technology (IJRASET) Volume:11 Issue: 11, November 2023 ISSN :2321-9653 SJ Impact Factor value: 7.538 ISRA Journal Impact Factor value: 7.894 IC Value : 45.98 DOI:10.22214/IJRASET.2023.56694 Page No:1126-1131.
- Dr. R Senkamalavalli “Restoration of Obscured Images” International Journal forResearch in Applied Science and Engineering Technology (IJRASET) Volume:11 Issue: 11, November 2023 ISSN :2321-9653 SJ Impact Factor value: 7.538 ISRA Journal Impact Factor value: 7.894 IC Value : 45.98 DOI:10.22214/IJRASET.2023.56682 Page No:1107-1111

- **Mr. Roopesh Kumar B N, “Automated Dashboard for AWS Services Monitoring” International Journal for Research in Applied Science and Engineering Technology (IJRASET) Volume:11 Issue: 11, November 2023 ISSN :2321-9653 SJ Impact Factor value: 7.538 ISRA Journal Impact Factor value: 7.894 IC Value : 45.98 DOI:10.22214/IJRASET.2023.56690 Page No:1386-1391.**
- **Mr. Roopesh Kumar B N, “Advancements in Grain Adulteration Detection and Quality Assessment –A Survey” International Journal for Research in Applied Science and Engineering Technology (IJRASET) Volume:11 Issue: 11, November 2023 ISSN :2321-9653 SJ Impact Factor value: 7.538 ISRA Journal Impact Factor value: 7.429 IC Value : 45.98 DOI:10.22214/IJRASET.2023.56673 Page No:1042-1050.**
- **Mr. Kumar K, “A Survey on Deep Learning Technique for Sugarcane Disease Detection” International Journal for Research in Applied Science and Engineering Technology (IJRASET) Volume:11 Issue: 11, November 2023ISSN :2321-9653 SJ Impact Factor value: 7.538 ISRA Journal Impact Factor value: 7.894 IC Value : 45.98 DOI:10.22214/IJRASET.2023.56727 Page No:1298-1303.**
- **Mr. Kumar K “Intuitive Perception – Speech Recognition using Machine Learning” International Journal for Research in Applied Science and Engineering Technology (IJRASET) Volume:11 Issue: 11, November 2023 ISSN :2321-9653 SJ Impact Factor value: 7.538 ISRA Journal Impact Factor value: 7.894 IC Value : 45.98 DOI:10.22214/IJRASET.2023.56672 Page No:1036-1041.**
- **Mr.Raghavendrachar S, “Predicting Pancreatic Cancer using AIML Techniques” International Journal forResearch in Applied Science and Engineering Technology (IJRASET) Volume:11 Issue: 11, November 2023 ISSN :2321-9653SJ Impact Factor value: 7.538 ISRA Journal Impact Factor value: 7.894 IC Value : 45.98 DOI:10.22214/IJRASET.2023.56641 Page No:958-964.**
- **Mr.Raghavendrachar S “E-Learning Management System with AI assistance” International Journal forResearch in Applied Science and Engineering Technology (IJRASET) Volume:11 Issue: 11, November 2023 ISSN :2321-9653 SJ Impact Factor value: 7.538 ISRA Journal Impact Factor value: 7.894IC Value : 45.98 DOI:10.22214/IJRASET.2023.56730 Page No:1234-1238.**
- **Mr. Krishna Gudi “A Comprehensive Review of ECG-Based sleep Apnea Detection” International Journal for Research in Applied Science and Engineering Technology (IJRASET) Volume:11 Issue: 11, November 2023 ISSN :2321-9653 SJ Impact Factor value: 7.538 ISRA Journal Impact Factor value: 7.894 IC Value : 45.98 DOI:10.22214/IJRASET.2023.56895 Page No:1650-1655.**

- **Mr. Krishna Gudi “A Smart Device with Hand Gesture using Webcam” International Journal for Research in Applied Science and Engineering Technology (IJRASET) Volume:11 Issue: 11, November 2023 ISSN :2321-9653 SJ Impact Factor value: 7.538 ISRA Journal Impact Factor value: 7.894 IC Value: 45.98 DOI:10.22214/IJRASET.2023.56691 Page No:1117-1121**
- **Mr. Somasekhar T, “Safeguarding Connections: Machine Learning Powered Intrusion Detection” International Journal for Research in Applied Science & Engineering Technology, DOI: 10.22214, Paper Id: IJRASET56689, Vol 11, Issue XI, Nov 2023 , ISSN: 2321-9653.**
- **Mr. Somasekhar T “Survey on Air Pollution in India: Insights. Predictions and Mixed Gas Analysis for an Improved Future” International Journal for Research in Applied Science & Engineering Technology, DOI: 10.22214, Paper Id : IJRASET56770, Vol 11, Issue XI, Nov 2023, ISSN: 2321-9653.**
- **Mr.Prashanth H S, “Unusual Event Detection” International Journal for Research in Applied Science and Engineering Technology (IJRASET) Volume:11Issue: 11, November 2023 ISSN :2321-9653 SJ Impact Factor value: 7.538 ISRA Journal Impact Factor value: 7.894 IC Value : 45.98 DOI:10.22214/IJRASET.2023.57046 Page No:2356-2359.**
- **Mr. Prashanth H S “Prime-Grade Assessment of Tomato Fruit” International Journal for Research in Applied Science and Engineering Technology (IJRASET) Volume:11 Issue: 11, November 2023 ISSN :2321-9653 SJ Impact Factor value: 7.538 ISRA Journal Impact Factor value: 7.894 IC Value: 45.98 DOI:10.22214/IJRASET.2023.56725 Page No:1451-1454.**
- **Mrs. Rashmi H “Sign Explainer: AI -Enabled Sign Language Recognition” International Journal for Research in Applied Science and Engineering Technology (IJRASET) Volume:11 Issue: 11, November 2023 ISSN :2321-9653 SJ Impact Factor value: 7.538 ISRA Journal Impact Factor value: 7.894 IC Value : 45.98 DOI:10.22214/IJRASET.2023.56708.**
- **Mrs. Pallavi R “A survey on Yoga Posture Correction” International Journal for Research in Applied Science and Engineering Technology (IJRASET) Volume:11 Issue: 11, November 2023 ISSN :2321-9653 SJ Impact Factor value: 7.538 ISRA Journal Impact Factor value: 7.894 IC Value : 45.98 DOI:10.22214/IJRASET.2023.56700 Page No:1333-1335.**
- **Mrs. Pallavi R “A Survey on : Legal Chain Vault Using Blockchain” International Journal for Research in Applied Science and Engineering Technology (IJRASET) Volume:11Issue: 11, November 2023ISSN :2321-9653 SJ Impact Factor value: 7.538 ISRA Journal Impact Factor value: 7.894 IC Value : 45.98 DOI:10.22214/IJRASET.2023.56911 Page No:1973-1977.**

- **Mr. Laxmikantha K “A Survey on Alzheimer’s Disease Recognition in MRI Images Deep Learning Approach” Journal For Research in Applied Science and Engineering Technology. Paper Id : IJRASET56848, November 2023, ISSN : 2321-9653**
- **Mrs. G Ramanjinamma “A Survey on Campus Companion” International Journal for Research in Applied Science and Engineering Technology (IJRASET) Volume:11 Issue: 11, November 2023 ISSN :2321-9653 SJ Impact Factor value: 7.538 IC Value : 45.98DOI:10.22214/IJRASET.2023.56658 Page No:1019-1021.**
- **Mrs. Swapna Subash Banasode “Cyber Bullying” International Journal for Research in Applied Science and Engineering Technology (IJRASET) Volume:11Issue: 11, November 2023 ISSN :2321-9653SJ Impact Factor value: 7.538 ISRA Journal Impact Factor value: 7.894 IC Value : 45.98 DOI:10.22214/IJRASET.2023.56676 Page No:1057-1060**
- **Mr. Abhilash L Bhat “CNN Based Facial Recognition with Age Invariance” International Journal for Research in Applied Science and Engineering Technology (IJRASET) Volume:11Issue: 11, November 2023 ISSN :2321-9653 SJ Impact Factor value: 7.538 ISRA Journal Impact Factor value: 7.894 IC Value : 45.98 DOI:10.22214/IJRASET.2023.56680 Page No:1061-1065.**
- **Mrs. Shruthi T S “A Survey on Blockchain Based Solution for Agriculture Supply Chain Management” International Journal for Research in Applied Science and Engineering Technology (IJRASET) Volume:11 Issue: 11, November 2023 ISSN :2321-9653 SJ Impact Factor value: 7.538 IC Value: 45.98 ISRA Journal Impact Factor value: 7.894 DOI:10.22214/IJRASET.2023.56675 Page No:1051-1056.**
- **Dr. Rekha B Venkatapur “Review of Applications to assist Legal issues related to Cyber Crimes”, International Advanced Research Journal in Science, Engineering and Technology, Vol. 10, Issue 10, October 2023, ISSN (O) 2393-8021, ISSN (P) 2394-1588.**
- **Mr.Sanjoy Das “Augmented Reality Applications In Education : A Comprehensive Review” International Advanced Research Journal in Science, Engineering and Technology (IARJSET) Volume: 10 Issue: 10|October 2023 ISSN (O): 2393-8021 ISSN (P):2394-1588 Impact Factor value: 8.066 DOI:10.17148/IARJSET.2023.101013 Paper ID:IJRASET51768 Page No:112-116.**
- **Mrs. Pallavi K N “Contextual AI Transformer: A New Chapter in Higher Education” International Advanced Research Journal in Science, Engineering and Technology (IARJSET) Volume: 10 Issue: 10|October 2023 ISSN (O): 2393-8021 ISSN (P):2394-1588 Impact Factor value: 8.066 DOI:10.17148/IARJSET.2023.101013 Paper ID:IJRASET51768 Page No:91-94**

Take rest, Don't Quit

- Dr. Rekha B Venkatapur “Land Registration Technology using Block Chain Technology”, Q3: HTL Journal, Vol 29, Issue 9, Sep 2023.
- Dr. Prasantha H S, “A Computer Aided Tool for Detection And 3D Visualization Of Brain Tumor In Human Brain”, Q3: HTL Journal, Vol 29, Issue 9, Sep 2023.
- Dr. Prasantha H S, “Machine Learning Approaches for Exoplanet Exploration from keplerlight Curves”, Q3: HTL Journal, Vol 29, Issue 8, Aug 2023.
- Dr. R Senkamalavalli, “Analysis of Artificial Intelligence Developments and Their Impacts on Cyber Security”, International Journal of Scientific Research in Computer Science, Engineering and Information Technology, UGC Journal No: 64718, Impact Factor- 7.254, Vol – 9, Issue – 9, August 2023.
- Dr. R Senkamalavalli, “Traffic Aware Routing with Round Technique for Equating the Load in Software Defined WSN”, International Journal of Scientific Research in Computer Science, Engineering and Information Technology, UGC Journal No: 64718, Impact Factor- 7.254, Vol – 9, Issue – 9, August 2023.
- Dr. Prasantha H S, “Disease Index Determination of Arecanut Plantation using Hyperspectral Imaging”, Journal of Xidian University, UGC Approved Group 2 Journal, Impact Factor: 5.4, Vol 17, Issue 11, 2023.
- Dr. Sunita Chalageri “Online Smart Voting System Using Biometric Facial and Fingerprint” Journal of Xidian University(JXU) Volume:17 Issue:11, 2023 ISSN No: 1001-2400 Impact Factor value: 5.4 DOI:10.37896/jxu17.11/068 ISO: 1001-2400 Certificate Id:JXU-R9713 Page No:773-779 Scopus Journal.
- Mrs. Pallavi R, “Human Illness Classification Using Ayurvedic Tongue Diagnostic System” Q4: Scopus, UGC Approved, Journal of Xidian University, DOI: 10.37896/jxu17.11/055, ISSN No: 1001 – 2400, Vol 17, Issue 11, 2023.
- Ms. Namyapriya D, “Human Illness Classification Using Ayurvedic Tongue Diagnostic System” Q4: Scopus, UGC Approved, Journal of Xidian University, DOI: 10.37896/jxu17.11/055, ISSN No: 1001 – 2400, Vol 17, Issue 11, 2023.
- Ms. Namyapriya D, “A Contemplating Survey on Diverse Recommender Systems” Scopus Journal, UGC Approved, Journal of Xidian University, DOI:10.37896/jxu17.11/057, ISSN No: 1001-2400, Vol 17, Issue 11, 2023, Page No 630-634.

ACHIEVEMENTS BY FACULTY

PAPER REVIEWER

- Dr. Rekha B Venkatapur, Reviewer of “5th International Conference on Cognitive Computing and Information Processing” held at JSSATE, Mysore on 15th and 16th December 2023.
- Dr. Deepa S R, Reviewer of “5th International Conference on Cognitive Computing and Information Processing” held at JSSATE, Mysore on 15th and 16th December 2023.
- Dr. Sunitha Chalageri, Reviewer of “IEEE Mysurucon 2023 – The 3rd Edition of the Flagship International Conference Series of IEEE Mysore Subsection” held at Malnad College of Engineering, Hassan on 1st and 2nd December 2023.
- Dr. H S Prasantha, Reviewer of “First IEEE International Conference on Integrated Intelligence and Communication Systems (ICIICS- 2023)” held at Sharnbasva University, Kalaburagi on 24th and 25th November 2023.
- Dr. H S Prasantha, Reviewer of “IEEE NKCon – 2023” held at KLE Technological University on 19th and 20th November 2023.
- Dr. H S Prasantha, Reviewer of “International Conference on Evolutionary Algorithms and Sof Computing Techniques (EASCT – 2023)” held at RVITM, Mysore on 20th and 21st October 2023.
- Dr. H S Prasantha, Reviewer of “IEEE INDISCON – 2023” held at GSSS Institute of Engineering & Technology for Women from 05th to 7th August 2023.
- Dr. Vijayalaxmi Mekali, Article Reviewer of “IEEE International Conference on Networks, Multimedia and Information Technology (NMITCON)” held at NITTE on 01st and 2nd September 2023.

PAPER REVIEWER

- Dr. Prashantha H S mentored “IEEE India Council” held Online from 1st October to 30th November 2023.
- Dr. Prashantha H S mentored “ME-UYR Program” held Online on 18th September 2023.

PATENTS BY FACULTY

- Dr. H S Prasantha, Title of Invention “An Approach for Segmenting Hyperspectral Images Using Supervised Classifiers Techniques”, Patent Office Government of India, applied on 21st December 2023 with IPR No. 202341087784 A.
- Dr. H S Prasantha, Title of Invention “Performance Analysis of Soft Computing Approaches for Hyperspectral Image Classification”, Patent Office Government of India, applied on 21st December 2023 with IPR No. 202341087783 A.
- Dr. Sunita Chalageri, Title of Invention “Artificial Intelligence Based Smart Level Crossings Systems to Detect Dangerous Situations in Level Crossing Environments in Both Road and Railway Safety using Video Surveillance System and Deep Learning Algorithms”, Patent Office Government of India, applied on 21st October 2023 with IPR No. 202341072105 A.
- Dr. H S Prasantha, Title of Invention “Agricultural Drone for Crop Health Monitoring”, International UK Design Patent, applied on 21st August 2023 with IPR No. 202341075847A.
- Dr. H S Prasantha, Title of Invention “Design and Performance Analysis of Novel Approach for Image Compression using Modified Singula Value Decomposition”, Patent Office Government of India, applied on 11th July 2023 with IPR No. 6302803.
- Dr. H S Prasantha, Title of Invention “A Novel Analysis Approach for Image Scaling using Interpolation Techniques Compared with Nearest Neighbor and Bilinear Interpolation Methods”, Patent Office Government of India, applied on 11th July 2023 with IPR No. 202341075847A.

STUDENTS ACHIEVEMENTS



- Gagan Shivanna, Aditya V, Chaitra M, Arjun Bharadwaj, Suman B S and Karthik H N under the guidance of Mr. Roopesh Kumar B N and Mr. Krishna Gudi, Winners of the event “Smart India Hackathon, 2023” organized by Ministry of Education, MoE’s Innovation Cell, AICTE, MHIRD on 19th and 20th December 2023.

- Trupthi G B, Runner-up of the event “Table Tennis (Women) Bangalore South Division” organized by JSSATE under VTU on 12th and 13th July 2023.

100% RESULT

VII SEMESTER	
ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING (18CS71)	DR. PRADEEP DESAI , MRS. SHRUTHI T S, DR. KUSUMA T
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

TOPPERS

VII TOPPERS LIST			
1	1KS20CS041	JAHNAVI P	89.86%
2	1KS20CS017	BRUNDA B	89.43%
	1KS20CS114	Y JHANSI	89.43%
3	1KS20CS023	DHANYA SHARANYA SHREE R	89.14%
	1KS20CS088	SANKET GANAPATI HEGDE	89.14%

ALUMNI INTERVIEW

Name: POOJITHA K M

Job Role & Company : CLOUD INTEGRATION DEVELOPER
(NTT DATA)

Place: Bengaluru

Graduated from KSIT in the year: 2018

How do you manage time and set priorities?

I always have a to-do list with the important tasks from my daily schedule in the order of priority. Set deadlines and plan accordingly. I always have a constant check on the progress to decide if I'm on track to complete it.

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

I first set my goal and clearly understand to draw up an action plan to achieve it, research or advise is what I usually follow. With continuous effort, positive attitude, reviewing my goals once in a while I check if I'm on track to achieve it.

Share your experience of working as your job role.

An opportunity to explore possible career options for setting up my goals as I grow in the industry, mentoring a team to improve my leadership skills, learn how I can achieve some of the development goals in the role.

What attitude do you need to become successful?

Believe that success is possible, have trust in one's own effort and abilities, stay committed, smart work with the opportunity we have today to succeed.

Tell me about your college life.

Wow!! My college days are unforgettable. I enjoyed myself a lot and have learnt a lot from my professors. My professors were always encouraging. It thought me many things that built my confidence to face challenges in my next career path. With a good bunch of friends I had the best time. Its the feeling we will never experience again.

K S Groups of Institutions



K.S. INSTITUTE OF TECHNOLOGY

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560109

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

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off, Kanakapura Rd, Bengaluru, Karnataka 560109



K.S. SCHOOL OF ARCHITECTURE

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