



Principal's Words

At KSIT, we offer a holistic educational experience through various innovative teaching approaches. Guided by experienced faculty, you will have the opportunity to work in teams, and resolve problems. By the time you graduate, you will be a confident, resourceful problem-solver and presenter who will be an asset to any organisation. Life on campus is both enriching and exciting.

—Dr.T V Govindaraju

Vision: "To strive continuously to impart quality education with ethical values, employable skills and research to achieve excellence"

Mission: "To attract and retain highly qualified, experienced and committed Faculty. To create relevant infrastructure. Network with industry & premier institutions to encourage emergence of new ideas by providing R & D facilities to achieve excellence. To inculcate professional and ethical values among students with employable skills & knowledge acquired in transforming society."

The Committee

Faculty:

Mrs.Priyanga.P,Asst.Prof

Mrs.Renukadevi.S,Asst.Prof

Students:

Siddharth Meharwade

S.N.Shreyas

Department Vision & Mission

Vision: To provide competent and responsible professionals in the field of Computer Science and Engineering with knowledge and skills required for the country in its quest for development.

Mission:

1. Inculcate strong theoretical and practical knowledge for continuous learning.
2. Prepare students to find Computer Solutions for the society through research and entrepreneurship with professional ethics.
3. Encourage team work in inter-

HOD's Words

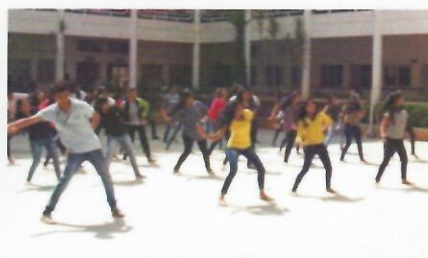


The department has well qualified, experienced and committed faculty to provide qualitative, industry tuned education to students with whole-hearted support from the principal and HOD. The department infrastructure fulfils and supports learning skills on the latest technology in the industry. The students are molded with multi-dimensional skills covering all the required graduate attributes. Our mission is to inculcate strong, theoretical and practical knowledge for continuous learning, prepare students to find Computer Solutions for the society though research and entrepreneurship with professional ethics and also encourage team work in inter-disciplines and evolve as leaders with social concerns. It also has several active forums like CSI, ISTE and IEI where students learn to do projects, present technical papers and work together which imbues

30th CSI Karnataka student's Convention



On 10th, 11th, 12th November 2016 the "30th CSI Karnataka student's Convention" was organized by KSIT. The convention included both technical (including paper presentation) and non-technical events that ran parallelly on all the three days. This convention served a platform to portray the scholastic and cultural skill set of the students across Karnataka. The students also got to witness the cultural heritage of the country. More than 400 students from different colleges of Karnataka participated and were benefited. The convention was a great success. The Winners of the events were honored with prizes during valedictory attended by Ms.Sushama Shadakshari (Alumni) Dr. R Srinivasan, Prof.K.Venkata Rao, Prof. Deepa from KSIT and Dr. Shantharam Nayak from CSI-BC have coordinated this convention.



CSI



Computer Society of India is the first and largest body of computer professionals in India. It was started on 6 March 1965 by a few computer professionals and has now grown to be the national body representing computer professionals. It has 72 chapters across India, 511 student branches, and 100,000 members.

The Computer Society of India is a non-profit professional meet to exchange views and information learn and share ideas. The wide spectrum of members is committed to the advancement of theory and practice of Computer Engineering and Technology Systems, Science and Engineering, Information Processing and related Arts and Sciences.

The Society also encourages and assists professionals to maintain integrity and competence of the profession and fosters a sense of partnership amongst members. Besides the activities held at the Chapters and Student Branches, the Society also conducts periodic conferences, seminars.

Through the initiatives of Professor Rangaswamy Narasimhan, the first President, CSI has been in close liaison with International Federation for Information Processing (IFIP) since its inception in 1965, when observers from India attended the IFIP Council meeting. Since 1974, when CSI became a member of IFIP, CSI has organized many IFIP sponsored events and was host to the 1978 Council meeting in Bombay and 1988 General Assembly in New Delhi. It represents India in technical committees and working groups of IFIP.

KSIT FIREFOX CLUB



On the account of Engineers day on 15th September 2016, the KSIT FIREFOX CLUB known by the name EQUINOX was launched. It is being led by Shri Raksha N, Firefox Student Ambassador. This club organised various interesting events during the semester where most of the students participated and learnt new ideas and concepts, they also conducted a quiz competition which consisted of 3 rounds and the winners were awarded certificates from the Mozilla Fire-Fox.



Firefox

Firefox was created in 2002, under the name "Phoenix" by the Mozilla community members who wanted a standalone browser rather than the Mozilla Application Suite bundle. Even during its beta phase, Firefox proved to be popular with its testers and was praised for its speed, security, and add-ons compared to Microsoft's then-dominant Internet Explorer 6. Firefox was released in November 2004, and was highly successful with 60 million downloads within nine months.



Android is a mobile operating system developed by Google, based on the Linux kernel and designed primarily for touchscreen mobile devices such as smartphones and tablets. Android's user interface is mainly based on direct manipulation, using touch gestures that loosely correspond to real-world actions, such as swiping, tapping and pinching, to manipulate on-screen objects, along with a virtual keyboard for text input. In addition to touchscreen devices, Google has further developed Android TV for televisions.

APPLIED CS WITH ANDROID

Google's applied CS with android program was conducted on April 7th 2016 for university computer science students which enhance various concepts from their current curricular work the program revisits concepts from data structures and algorithms using android as platform for development 54 students registered for the program. Amulya . Murthy is the current Google's android student ambassador for our college. The main initiative of this program is to inculcate new skills and ideas also the problem solving skills in the students.



INDUSTRIAL VISITS

IMTEX 2017 and the concurrent Tooltech 2017 exhibition is organized by Indian Machine Tool Manufacturers' Association (IMTMA) from 26th Jan to 1st Feb 2017 at the Bangalore International Exhibition Centre (BIEC), Bengaluru, India. IMTEX 2017 will showcase the exhaustive range of innovations and technological refinements in the complete product segment of metal-cutting machine tools. Outcome of the program-The twin exhibitions will create a platform for exhibitors to showcase their innovations in metal forming technologies, robotics & automation, welding & joining, wire-forming & drawing, and many more. The event will further create a networking forum for exhibitors, visitors, delegates and academia to join together for enabling the growth of manufacturing industry of India.



IISC 2017 The main objective of the Industrial Visit is to give an exposure to the pre-final year (6th Semester) CSE students and pre-final year (2nd Semester) M.Tech students towards new technologies. This visit will give the students to carry out projects either in CSE domain or in interdisciplinary domains. The students participating in the event or in coding event at IISC will boost their technical skills which will help them during placements. . The Research activities of all the departments were displayed. The students and the faculties had a good interaction with the researchers. They were able to know the recent research works being conducted in all departments. The students found greater interest in the field of nano science and its applications especially the mechanism of dust free particles in the room. The other interesting application was the unmanned aereo vehicle.

TOPPERS



NARASIMHA PRASANNA

1KS15CS062

9.17(CGPA) 2nd sem

CHAITRA.R

1KS14CS029

86.78%(1st place 3rd sem)



VAISHNAVI K N

1KS15CS117

9.00(CGPA) 2nd sem

MANASA NARAYAN

1KS14CS051

84.67%(2nd place 3rd sem)



SHRI RAKSHA.N

1KS13C106

83.6(1st place 5th sem)

M.ARCHANA

1KS13CS047

83.33%(2nd place 5th sem)



Alumni interview



Name: Tejas Koundinya

Designation: Software Engineer

Workplace: ThoughtClan Technologies Pvt. Ltd.

E-mail: tejaskoundinya@gmail.com

1. Why, when and how did you get interested in this field?

I got into computer programming as a kid and continued to learn new languages and technologies through school and college. My passion for games made me develop a game with thousands of players from 90 countries in a two year span in high school. The fact that I could reach out to people worldwide through software made me realize that I could solve problems worldwide through technology. It is then that I decided to pursue Computer Science.

2. What is the current scenario and scope for software engineering?

Currently, there is a major push for anything related to data. Over the years, humans have been collecting all sorts of data and it is now that we have the infrastructure and tools to analyse this vast amount of data and build solutions using it. So, Machine Learning is a hot topic in the corporate world now.

3. As a ksitian what message would you like others at KSIT to follow or live up to?

As a KSIT graduate, I urge students to learn as much as they can, get good grades, keep themselves updated with the industry, participate in and organize technical and non technical events, and of course, have fun!

4. What plans do you have for the immediate future or for the long run? (Where do you see yourself in 10 years)

My goal of reaching out to the masses and solving worldwide problems at scale is motivating me to work towards becoming a better developer and an entrepreneur.

5. What special training have you undergone or what all did you do to get a job so quickly?

I interned twice while I was in college, where I learnt backend frameworks in Java. I also learnt Android application development using online courses. Apart from this, I spent a lot of

time researching and trying out a lot of old and new technologies and evaluate their use cases. Mastering core engineering concepts is the key to success because they always remain the same with changing technology.

6. How was your life at KSIT?

My time at KSIT was filled with fun, learning and immense opportunities. I was guided and supported well by the teaching staff. My college experience was enhanced by various technical and non technical on-campus events. Being a Google Student Ambassador at KSIT helped me and my fellow students get exposed to interesting technologies. Overall, I found a perfect blend of academics and extra curricular activities in my time at KSIT.

7. Tell us about yourself and your work atmosphere.

I work at ThoughtClan Technologies Pvt. Ltd. as a Software Engineer. I specialize in developing native mobile apps on iOS and Android and web backend applications for scale. We are a small sized company working on e-commerce, Data Science, Mobile and Web applications. I like building developer communities. I am currently an organizer at GDG Bangalore, a developer community focused on Google technologies, where we organize meetups, workshops and hackathons.

8. What made you to pursue MS in abroad?

I have always wanted to explore the depths of Computer Science. I believe that a graduate course (MS in CS) will help me achieve this. Research opportunities and an overseas experience drove me to choose to pursue a graduate degree in the US.

ThoughtClan

EVENTS CONDUCTED

◆ "Big data Analytics and cloud computing"

On 17th Feb 2017 a Guest Lecture was given by Mr. Robin Mazumbar, Product Manager, Manipal Prolearn, Bangalore. He addressed the students under ISTE student chapter.



◆ "RaspBerry pi and its applications in IOT"

From 18th Jan 2017 to 22nd Jan 2017 an FDP program conducted by the programme resource person Mr. Ganeshan, CEO, Vishwajyothi technologies, He took hands-on sessions and association with ISTE and CSI- India.

◆ Job opportunities for Engineering graduates and skill development

On 22nd March 2017, a Guest Lecture was conducted by Mrs. Roopa from IIHT she addressed 7th Sem 'A' & 'B' sections students regarding the job opportunities and how to improve themselves.

◆ Felicitation of Smart India Hackathon 2017 winners

On 7-4-2017 "SMART INDIA HACKATHON 2017" conducted by Ministry of HRD Govt of India in Jaipur CSE students secured 1st Prize of 1 Lakh in 36 hours National Level Nonstop Coding Competition termed to be World's Biggest Hackathon on 1st and 2nd April 2017. The team provided solution to Department of Posts and Ministry of Communication. They were Felicited in Ananya -2017 at KSIT, Staff members Mr. Pradeep Kumar G H and Mr. Kumar K mentored students along with Alumni for the event. BIT HACKERS TEAM MEMBERS - Mr. Ranjan.B , Mr. Aditya Kumar.N .S , Mr. Shravan Bhat , Mr. Srisha Mahuli, Ms. Shri Raksha N, Mr. Siddhanth. M, Ms. Abhigna.A, Mr. Darshan.S.K.



⇒ Feather to the Faculty

Dr. Rekha B Venkatapur, Professor & Head received "**DISTINGUISHED WOMEN IN ENGINEERING**" in recognition of development in the discipline of Computer Science & Engineering on 24th Feb 2017, by Venus International Foundation, Chennai.

Mrs. Sangeetha V, Associate Professor, Received "**YOUNG WOMEN EDUCATOR AND RESEARCHER AWARD**" in recognition of Contribution towards Teaching

EVENTS ATTENDED

K.Venkata Rao, Harshavardhan.J.R, Vijayalaxmi.M, Raghavendrachar.S, Aditya Pai.H attended a FDP on "OOP with JAVA for DAA Lab and ARM Microcontroller Programming" "JIT, Bengaluru" "16/1/2017 To 21/1/2017" also FDP on "OOP with JAVA""RNSIT, Bengaluru"31/1/2017

Deepa.S.R attended a FDP on "ARM Processors and Programming""RNSIT, Bengaluru"30/1/2017

Sangeeta V and Vannta.M attended FDP on "Recent Trends in Wsn with Hands on Session on NS2"SVIT, Bengaluru "01/02/2017 To 03/02/2017"

Priyanga.P. attended FDP on "OOP with JAVA for DAA Lab and ARM Microcontroller Programming""JIT,Bengaluru""16/1/2017To21/1/2017" and another FDP on "ARM Processors and Programming""RNSIT,Bengaluru" 30/1/2017

Dr.Rekha.B.Venkatapur, Sanjoy Das, RoopeshKumar.B.N, Kumar K, Raghavendrachar.S, Renukadevi S,K.Venkata Rao ,S.Kokila,Sangeeta V, Siddu Tushara M.S Pradeep Kumar G.H, Kushal Kumar B.N and Pradeep K R,Vaneeta.M attended a FDP on "RaspBerry pi and its Applications in IOT" KSIT, Bengaluru"18/1/2017 To 21/1/2017"

Pradeep K R attended a International Conference of "Advanced Research in Science & Engineering (IJARSE)" Apr-17 and 2nd International Conference on "contemporary Computing & Informatics (IC3I) ,IEEE Xplorer Digital Library "Dec-16 Workshop on "Emerging Technologies""VTU Regional Centre, Bengaluru" 26/9/2016"

Siddu Tushara.M.S, S.Kokila , Sougandhika Narayan, Vijayalaxmi.M,Deepa S.R attended "National Conference (State Level) on "30th CSI (Karnataka Student Convention)"KSIT,Bengaluru "10/11/2016 To 12/11/2016"

Impana.K.P attended FDP on "Cloud Computing Hands-on", BNMIT, Bengaluru, "11/7/2016 To 16/7/2016"

ACHIEVEMENTS BY STUDENTS

- “METAPHRASE: Mobile application for Language Translation” guided by Prof.Kumar K – Shri Raksha N, Varsha R, Amulya K Murthy, Soumyashree.
- Apoorva Ravi, Avvari Rachana, Manasa Gowri J, N Anushree of VII semester won 1st prize in CSI for “Autonomous Car on Raspberry pi using OpenCV”.
- Students of VII semester participated at I-MEDIA for projectbased summer internship program from 06.07.2016 to 22.07.2016.
- Student of II semester Neha Kouser selected to participate at “Catalyst for workshop and the Annual Convention 2016” from 25.07.2016 to 30.07.2016.
- Srinidhi.G participated in the workshop “How to crack gate” at the gate academy held on 4th Sep 2016.
- Ananyasree H.B, Hrishikesh.C.V, Pooja Sreedhara Murthy, Aditya Shankar, Nancy Jallerndhara had participated in an E-Pravarthana – 13th state level “ISTE student Annual Convention” held on 25th Aug 2016 in JSSATE, Bengaluru.
- Siddhanth.M, Abhishek M, Aditya Shankar.M, Sourab Kumar secured 1st place in the event “TECH QUIZ” in 13TH state level ISTE students annual Convention held on 2nd August 2016 in JSSATE, Bengaluru.
- “Near Field Communications [NFC] Ordering System” guided by Prof. Deepa S R – Aditya R, Anirudh K R, Karthik K S, Mahinder P.
- “Implementing Home Security for the Visually Impaired using RASPBERRY PI” guided by Prof. Pradeep Kumar G H – Sania Aslam, Shankha Shuvro Sinha, Srinidhi G, Vidya G.
- “Attack and Defense Strategies in Android Using MSF venom In Metasploit Framework Over Wide Area Network” presented by - Sohan M V.
- “Cloud Assisted Video Recommendation System” guided by Prof.Sanjoy Das -- Poornapragna Vadiraj, Chinmay S Watwe, Soham M V, Tejas BS.
- “A Survey on Graphical Password Authentication Methods” guided by Prof. Vaneeta M – Aayush Kumar, Keshav Kumar, Siddharth Shekar Singh.
- “Survey on Efficient Accessing of Small Files in HDFS:TLB-MapFile” guided by Prof. Siddu Tushara M S – Aparna P, Meghana Malini B V, T R Chaitra K.
- “Privacy Preserving Multi- Keyword Rank Search Over Encrypted Data” guided by Prof.K Venkata Rao – Rashmi H.
- “A Survey on Deblurring The Blurred Image” guided by Prof. Vijayalakshmi Mekali – Pooja S, Vyshnavi R, Prathiksha M Nadgir, Zakiya Khanum.
- “A Survey on Web Application Supporting Vehicle Toll Payment System” guided by Prof. Sougandhika Narayan – Prashanth B M, Rakshitha N G, Rashmi A, Samana A B.
- “Mitigating the Risk of Customer Churn” guided by Prof.Kokila S – Nithin P, Rahul Ganesh S, Prajwal Gowda B, Somashekhar M.
- “Wireless Communication based Advanced Irrigation Vehicle Operated using Smart Phone-AGRIBOT” guided by Prof.K Venkata Rao – Mehtaz N Sidnale, Chandan V, Diksha, Kalpana G.
- “Secure Image Processing on the Cloud” presented by Maanasa N, Mamatha P N, Manasa M, Meghana R.
- Chaitra R, Mamatha P N participated at “3D PRINTER AND ITS ADVANCEMENT” for internship program from 11th Sep 2016 to 12th Feb 2017.
- Ranjan B, Aditya Kumar N S, Shravan Bhat, Srisha Mahali, Shri Raksha, Siddanth.M, Abhigna.A, Darshan.S K, had participated and secured 1st Prize of 1 Lakh in 36 Hours National level nonstop coding competition termed to be world’s biggest Hackathon “SMART INDIA HACKATHON 2017” conducted by ministry of HRD Govt of India in Jaipur March 2017.
- Prabhu B, Kushal S T, Abhishek M, Narasimha prasanna H N participated and won 1st place in “STAY LATE AND CODE” for nonstop coding competition SLAC -2017 at Amrita School of Engg March 2017.
- Kavya D, R. Namratha has been awarded 1st place in the “STREET PLAY” completion of furor’ 17 from 30th March 2017.
- Prerana R, Yashaswini H, has won 2nd Place in “INERSA TECHNOSOFT” organized by KSIT participated IEEE student from 3rd March 2017.
- Prabhu.B had participated and completed “16 HOUR OPEN THEME HACKATHON” at Dayananda Sagar College of Engineering from 11th March 2016 to 12th March 2016.
- Nikil H has participated in “INNOVACEEA 2K17” on 11th March 2017.
- Sai Shashikaa, Keerthi. G Naidu participated in poster presentation event in the one day VTU intercollegiate competitions “YOUTH FOR SOCIETY” at on the theme BMS College of Engineering on 28th March 2017.
- 25 students of various semester had participated in “SAE INDIA BAJA 2017” event at Indore process of fabricating the car to complete from 15th Feb 2017 to 22nd Feb 2017.
- Bhavana Bhavs, student of VI sem successfully participated in “VIRTUALIZATION FOR BEGINNERS” and completed at vmware held on 10th November 2016.

