



KSIT

KAMMAVARI SANGHAM (R) - 1952
K S GROUP OF INSTITUTIONS

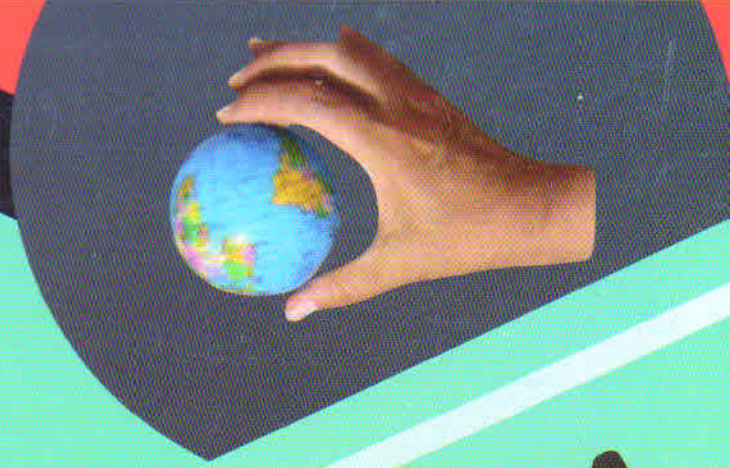
K. S. INSTITUTE OF TECHNOLOGY

#14, Raghuvanahalli, Kanakapura Main Road, Bangalore - 560109 Tel : 080 - 28435722 / 24 Web : www.ksit.ac.in



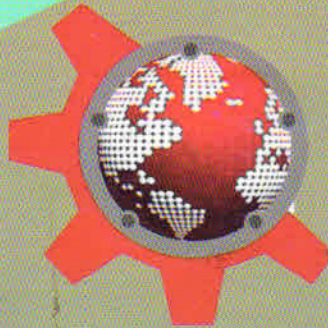
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Vol.4, APRIL 2016



CHINTHANA MANTHANA

Think Beyond Imagination...



campus
students

department
faculty

academic



I am very happy to meet you through this page. Kammavari Sangham Institute of Technology has stood above the rest in its approach to education and in its teaching training methodology. I think it is a good time where we can reflect on what we have achieved/learnt/

learning in this academic year.

We marked this issue for the year by featuring yet again the vibrancy of our College with the many events and activities that we have undertaken curricular, extracurricular and co-curricular.

We have made every effort to exist together, share the results of the work together, and to enlighten and motivate ourselves and not to hate anyone.

Congratulating the newsletter team in bringing out the 4th edition of the "CHINTHANA MANTHANA" and wishing everyone a great success in life.

Happy reading!

Dr. TV Govindaraju
Principal KSIT



I congratulate all my team members, my student coordinators for their constant effort in launching this newsletter. We are very grateful to our Management, Principal, Heads of various departments for their support and encouragement.

Mrs Anuradha M V
CHIEF CO-ORDINATOR



Sri Y Ramachandra Naidu
President



Sri K Venkatesh Naidu
Secretary



Sri D Rukmangada
Treasurer

At the outset, we congratulate the newsletter team and especially the newsletter committee members for their efforts in bringing out the fourth edition of the newsletter. Newsletter is the amalgamation of all the events held in the college and it plays an instrumental role in providing a greater exposure of the achievements accomplished by the students and the faculty.

We wish all the very best in your endeavor.

GOOD LUCK

EDITORIAL TEAM



Editorial team is proud to launch the 4th edition of the college newsletter "CHINTHANA MANTHANA."

All the latest technologies, activities executed by different departments have been compiled and published in this edition.



ABOUT THE DEPARTMENT

Department of Mechanical Engineering commenced during the academic year 1999-2000 and has an intake of 120 students per year in undergraduate level and 18 in post graduate level as of now. The Department possess staff of high caliber with 3 Ph.Ds. and 12 pursuing their Doctorate. The department is proud to have a Library of its own, fully equipped laboratories, and also has a research Centre approved by VTU. Department also possess **BAJA, Supra, SAE** Aero committees to encourage talent and skills in the students at National level. The **BAJA** team took part in a National level competition held at Indore which secured runners up place in cost management sector, a milestone in the history of our college and is all geared up for the National level competition 2016.

DEPARTMENT WELCOMES

Mrs. Madhura S	Assistant Prof
Mr. Srikumar Biradar	Assistant Prof
Mr. Balaji B	Associate Prof
Dr. G K Ramaiah	Professor

LATEST TECHNOLOGY

The world's leading automobile company FORD Motor Company, recently became the first automaker to use REPREEVE material made from recycled plastic bottles in a



car's seat fabric. Manufactured by Unifi, Inc., The bottle based fibres were incorporated to help reduce wear and improve

sustainability. Ford uses REPREEVE in five vehicles representing the automaker's larger commitment to reduce, reuse, and recycle as part of its global sustainability strategy to lessen its environmental impact. Did you know 6 recycled plastic bottles makes a shirt? Also, 50 recycled plastic bottles make a fleece jacket. Every year, millions of plastic bottles are not recycled and end up in landfills that impact our environment. These bottles will sit there for hundreds of years, as they will not disintegrate. So next time, make the smart throw and toss your plastic bottles in the recycle bin, not the trash can, so they can be recycled into something more. Together, we can spread the word

about what can be made with plastic bottles when recycled. Imagine all the potential uses for that recycled plastic bottle.

100 % Results

Mr K V Manjunath	Material science and Metallurgy
Mrs L Nirmala	Non Traditional Machining
Mr B V Srinivas Murthy	Management and Entrepreneurship
Mr M M M Patnaik	Control Engineering & TRIBOLOGY
Mr Mallikarjuna M R	TRIBOLOGY
Mr B R Manjunath	Automotive Engineering
Mr Nagabhushana M	DMD
Mr Yogender Mahajan	Mechatronics and Microprocessor
Dr C Anilkumar	CMT
Mr Jayaprakash J K	Automotive Engineering
Mr Harish U	Computer Integrated Manufacturing

Events conducted

On the 17th of October 2015, Team EMANATION organized its established event INERTIA in a pompous manner. The event had three exciting challenges for its contestants which tested them on their general knowledge, presence of mind and their analytical skills.



ABOUT THE DEPARTMENT

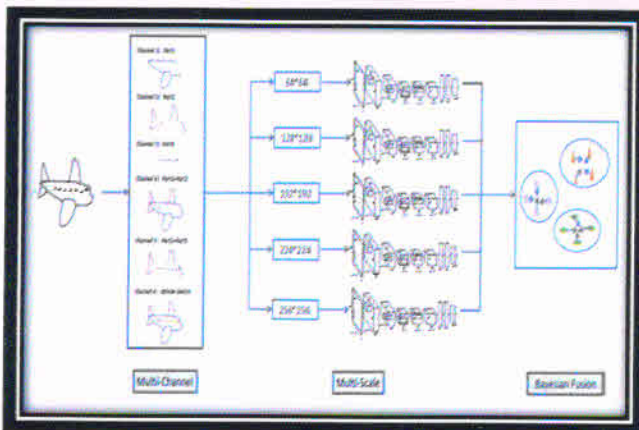
The Computer Science & Engineering department has been imparting quality education in the field of Computer Science and has always produced quality professionals. It has led the student towards innovation, discovery and worldwide impact. The department has started the Master of Technology (M Tech) 2 year programme from the year 2014 with the aim to develop core competence. The Research division of Computer Science and Engineering was also started in order to conduct basic and applied research covering a broad range of research topics. Various workshops on Android & web development, Internet of things, Faculty development programme etc. were conducted in order to sharpen the skills of students as well as faculty members.

DEPARTMENT WELCOMES

- **Dr. K N Ram Mohan Babu** Professor
- **Miss Impana K P** Asst. Professor
- **Miss Siddu Tushara M S** Asst. Professor
- **Mrs. S Renuka Devi** Asst. Professor
- **Mrs. S Kokila** Asst. Professor
- **Mr. Shivanand Pujar** Asst. Professor

LATEST TECHNOLOGY

Sketches are very intuitive to humans and have been used as a communication tool for thousands of years, but recognizing free-hand sketches is challenging because they are abstract, varied and consist of black and white lines rather than colored pixels like a photo. Solving



sketch recognition will lead to a greater scientific understanding of visual perception.

Sketch-a-Net is a 'deep neural network' – a type of computer program designed to emulate the processing of the human brain. It is particularly successful because it accommodates the unique characteristics of sketches, particularly the order the strokes were drawn. Developed by **Researchers from Queen Mary University of London (QMUL)**, this program can recognize hand-drawn sketches better than humans. It is capable of correctly identifying the subject of sketches 74.9 per cent of the time, compared to humans that only managed a success rate of 73.1 per cent. As sketching becomes more relevant with the increase in the use of touch screens, this development could provide a foundation for new

ways to interact with computers which would have a huge impact for areas such as police forensics, touch screen use and image retrieval, and ultimately will help us get to the bottom of visual understanding. The paper, 'Sketch-a-Net that Beats Humans' was presented at the 26th British Machine Vision Conference on Tuesday 8th September 2015.

100% Results

- **Mrs Rekha B Venkatapur** System Modeling and Simulation
- **Mrs Vijayalakshmi M** Software Architecture
- **Mrs Sangeetha V** Information & Network Security
- **Mr Raghavendrachar** ADHOC Network
- **Mr Roopesh Kumar B N** Embedded Computing System
- **Mr Chethan M** Programming the WEB
- **Mrs Sangeetha V** Embedded Computing System
- **Mrs Vijayalakshmi M** Advanced Computer Architectures
- **Mr K Venkata Rao** Operations Research
- **Mrs Sougandhika N** Computer Graphics

Events conducted:

A Mini Project Exhibition on "COMPUTER GRAPHICS" was conducted for the students of 6th semester during the month of June 2015 under the guidance of **Mrs Sougandhika Narayan**, Asst Professor & **Mr Pradeep Kumar G H**, Asst. Professor.



- Top 10 Projects were selected by the chief guest of the event **Mr C P Sameerana**, Head of the department Computer Science & Engineering, APSCE.
- Seminar on “**Inspiring Entrepreneurship and Encouraging Volunteerism**” was conducted on the 27th of August 2015 to 3rd, 5th & 7th sem students by **Mr Subhash Chairman**, World Merit Council of India.
- FDP on “**APPLE IN HIGHER EDUCATION**” and “**Enhancing Digital Skills on Adobe’s Best-of-Breed Creative Tools**” was conducted on 25th June 2015, under CSI Chapter in association with Creative InfoTech, Bengaluru by **Mr Mohit Hegde** Director Creative InfoTech and **Mr V J Swaroop** Apple certified Trainer.
- A technical talk on “**Software Testing Fundamentals**” was conducted on 31st October 2015, under Entrepreneurship Development Centre in association with IEE to the students of 3rd and 5th semester by **Mrs. Manjula Guruswamy**, Test Lead HP & EMIDS.



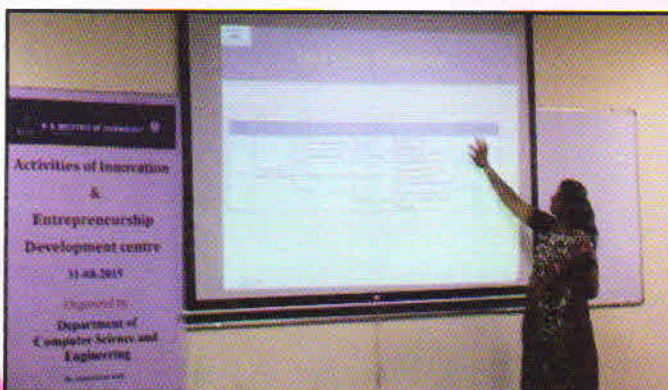
- Two days workshop on “**IOT IDEATION BOOT CAMP**” was conducted on 14th and 15th October 2015 under CSI in collaboration with INTEL to the students of 5th semester of all the branches by **Dr. H S Jamadagni**, Professor, DESE, Indian Institute of Science.



EVENT ATTENDED

- Two days workshop on “**Android Application and Web Development**” was conducted on 3rd and 4th October 2015, under ISTE Chapter in association with Dr Code to the students of 5th and 7th semester by **Mr. Rupam Banerjee**, CEO, Dr Code.

- **Mrs Rekha B Venkatapur**, Associate Prof & Head attended Professional Development Programme on “**Formulation of Research & Development Initiatives**”



- Seminar on “**Digital Marketing**” was conducted on 10th October 2015, under KSIT Alumni Association to the students of 3rd semester by **Mr Ganesh** Internet Marketer, Blogger with **Mr Varun** and **Mr Abhishek** Alumni 2014 Batch.

for scientists and Technologists” from 07-10th September 2015 at **Engineering Staff College of India, Hyderabad**.

- **Mr K Venkata Rao**, Associate Prof & Head, **Mrs Vaneeta M**, Asst Professor, **Mrs Sangeetha V**, Asst Professor, **Mrs Priyanga P**, Asst Professor, **Mrs Vijayalakshmi M**, Asst Professor & **Mr Pradeep K R**, Asst Professor attended FDP on “**Plagiarism and**

Process adopted in VTU on 25th July 2015 at SJBIT Bangalore Organized by VTU, Belgavi.

- **Mr Kumar K**, Asst Professor attended 2 days conference on **“Skill Development, Rural Entrepreneurship and Technology”** on 3rd and 4th of September at VTU regional office, Bengaluru.
- **Mrs Swathi K**, Asst Professor attended a workshop on **“Big Data and its Applications”** from 22-25th of June 2015 organized by **Department of Computer Science & Engg, VTU Post Graduation Studies, Mysuru.**
- **Mrs Sangeetha V**, Asst Professor attended workshop on **“Outcome Based Education and Accreditation”** on 21st July 2015 at BMSCE organized by **BMSCE in collaboration with VTU, Belgavi.**
- **Mrs Sangeetha V**, Asst Professor & **Miss Mamatha A**, Asst Professor attended three days FDP on **“Soft Computing and its Application in Engineering”** from 10th to 12th of August 2015 organized by **Department of Electronics and Instrumentation, MSRIT.**
- **Miss Impana K P**, Asst Professor attended a **Faculty Orientation Workshop** from 7th to 11th of September 2015 at VTU regional office, Mysuru.

ACHIEVEMENTS:

Faculty :-

- Paper published for **International Journal of Science Technology & Management** titled **“A Survey on Software Risks”** ISSN: 2394-1537 by **Mr K Venkata Rao**, Associate Professor & **Mr Aditya Pai H**, Asst Professor.
- Paper published for **International Journal of Advanced Technology in Engineering and Science**

titled **“Survey On Software Defect Prediction”** ISSN: 2348-7550 by **Mr. Piyush Pareek**, Asst Professor & **Mrs Swathi K** Asst Professor.

- Paper published for **International Journal of Innovative Research in Computer and Communication Engineering** titled **“Lung parenchyma segmentation and solitary pulmonary nodules in lungs detection techniques-a survey”** ISSN: 2320-9801 by **Mrs Vijayalakshmi M**, Asst Professor.
- Paper presented for **National Conference on Advances in computing and communication Technologies** titled **“Gathering Data Using Mobile Nodes In Wireless Sensor Networks”** by **Miss Mamatha A**, Asst Professor

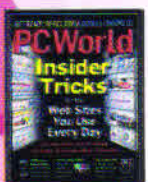
STUDENTS:

- **Achyuth S R** of 3rd sem got a new edge to his dreams when he innovated a project named **NPP- Notepad Project** under the platform **i3** which were gifted to government school children around Bengaluru.
- **Poojitha Hebbar** of 6th sem secured first position in Mini Project exhibition on **“Computer Graphics”** for the project on **“FUN FAIR”**.
- **Sweatha Suresh** of 6th sem secured second position in Mini Project exhibition on **“Computer Graphics”** for the project on **“Simulation of City”**.
- **Pavan Kumar, Rupa Sree, Prajwal** of 8th sem were appreciated by **“GOOGLE”** for organizing various events under **GOOGLE club**.
- **Keshav Kumar** of 6th sem was selected for the final round of audition in **“MAGICAL VOICE OF INDIA”**.

MAGAZINES:



Computer Power User: CPU is one of the most popular tech magazines of today and was started off in the year 2001. It is one of the best magazines for science buffs and computer geeks.



PC World is a computer technology magazine, and is one of the best tech based magazines in the world. Besides computers, this tech magazine also looks into the latest gadgets.

ABOUT THE DEPARTMENT

The Department of Electronics and Communication Engineering was started in the year 1999 with an intake of 60 students and increased subsequently to 120 with an additional intake of 10% lateral entry diploma students. The ECE Department provides a holistic environment for the overall development of the student. It has a dedicated and experienced team of 26 faculty who are highly accomplished with post graduations and doctoral degrees together to provide a conducive atmosphere to achieve excellence in education. The Department is committed to achieve academic excellence in Electronics Engineering and promoting R & D activities. The mission of our Department is to produce Engineers with self-discipline, high integrity and good personality by providing excellent training. It also has several active forums where students learn to do projects, present technical papers and organize various technical events thereby receiving a broader perspective on the professional front and opportunities for teamwork, leadership and service. Apart from providing a conducive atmosphere for learning, it also constantly strives to improve the quality of Engineering through various programs like Technical Talk, Workshops and FDP.

DEPARTMENT WELCOMES

- | | |
|--------------------------------|-------------|
| • Mr. Vikram Ramesh Lakkavalli | Asst. Prof. |
| • Mrs. Divya K | Asst. Prof. |
| • Mrs. Priyadarshini J Patil | Asst. Prof. |

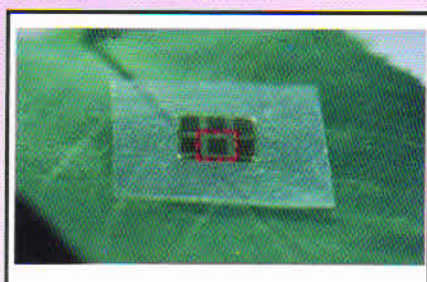
FACULTY REGISTERED FOR PhD

- | | |
|-----------------------|------------|
| • Mrs. Sangeetha V | Asst. Prof |
| • Mrs. Lakshmi H R | Asst. Prof |
| • Mrs. Prathima B | Asst. Prof |
| • Mr. Sampath Kumar S | Asst. Prof |

LATEST TECHNOLOGY

Biodegradable Electronics – A Step Closer Toward Solving E-waste Disposal Problems

Good old wood. It's everywhere! And soon it may be in your computing devices as the newest, most cutting-edge semiconductor material. Today, on an average people replace their gadgets every 22 months creating



junk of about 50 million tons of electronic waste every year in the process. Disposal of all this e-waste is one of the biggest concerns for the safety of the

environment. What if the electronic products we dispose ever so frequently were biodegradable?! Sounds like a fantasy? Not anymore!!

Researchers at the University of Wisconsin working in partnership with the US Department of Agriculture Forest Products Laboratory have come up with **wooden semiconductors**. In a typical semiconductor electronic chip, the active region comprises the top thin layer and is only a small portion of the chip, whereas the bottom substrate that holds the chip and its passive components consists of more than 99 percent of the semiconductor materials. The new proposed ICs are constructed from a substrate layer of **cellulose Nano fibril (CNF)**. Cellulose is the critical structural component underpinning the cell

walls of greenest plants and in its Nano sized form begins to take on properties almost resembling plastic. Paper is produced from wood as it's broken down further and further until it's a pulp of micron-scale fibres. Essentially, cellulose Nano fibril is just a continuation of the process until the resulting fibres are at the scale of nanometres. The result is a super-strong, transparent paper made up of CNF that can be used as electronic substrate. It has a good proven resistance to water and other potential solvents. This could be the possible solution for the e-waste disposal issues.

100% RESULTS

- | | |
|------------------------|--|
| • Dr. P N Sudha | Control Systems, RF & Microwave Circuit Design |
| • Mr. Praveen A | Analog and Mixed Mode VLSI Design |
| • Dr. B Surekha | Wireless Communication |
| • Mr. Sangappa S B | Global System for Mobile |
| • Mrs. Sangeetha V | Wireless Communication |
| • Mrs. Pragathi P | Global System for Mobile |
| • Mrs. P Supriya | Wireless Communication |
| • Mrs. Jayasudha BSK | Advanced Embedded System |
| • Mrs. D V Rajeshwari | Modern DSP |
| • Mrs. Sahana Salagare | Optical Communication and Networking |

EVENTS CONDUCTED

Faculty Development Program on VLSI Design Using Cadence Tools

A five-day Faculty Development Program (FDP) on **"VLSI Design Using Cadence tools"** was organized by the Department of Electronics & Communication Engineering, **KS Institute of Technology, Bengaluru** from 29th June to 3rd July, 2015. The Program provided an excellent platform to enrich the knowledge of VLSI Design using Cadence tools. Research scholars, Faculty members and Post graduate students of Electronics & Communication branch from different Engineering colleges attended the program. About 51 people

attended the event. The Convener of the event was **Dr. P N Sudha, Prof and Head**. The chief coordinators were **Dr. Shanthi Prasad M J, Prof and Mrs. Supriya V G, Assoc. Prof**, the coordinators of the event were, **Mr. Praveen A, Asst. Prof, Mrs. Anitha Senthil Kumar, Asst.Prof, Mrs. Sahana Salagare, Asst. Prof and Mrs. Lakshmi H R, Asst. Prof**. An Industrial visit was also arranged for all the participants to "UTL technologies, Yeshvanthpur, Bengaluru on 2nd July, 2015. As per the feedback received from faculty, all the sessions were very informative and it helped them to enhance their knowledge in simulation, synthesis, layout and chip fabrication of both analog and digital signals using CADENCE tools.



- A guest lecture "Embedded systems" was organized at **K S Institute of Technology, Bengaluru** on 3rd September, 2015, with an aim to create interest in Embedded Systems for final year students. The speaker was **Dr. S B Bhanu Prashanth, Prof and Head, Dept of ECE, from BNM Institute of Technology**. The event was convened by **Mrs. Jayasudha B S K, Asst. Prof.**



- A guest lecture on "Dr.Kalam, Rockets and Satellites" was organized on 15th October, 2015 at **K S Institute of Technology, Bengaluru** on the occasion of 85th birth anniversary of the Missile Man of India, **Dr. A P J Abdul Kalam**. The speaker was **Mr. Nagaraj Ananth, scientist from ISRO, Bengaluru**. The event was convened by **Mrs. Supriya V G, Assoc. Prof.**



- An "Entrepreneurship Awareness Program" through the Entrepreneurship Development Cell (EDC) of **K S Institute of Technology, Bengaluru** was organized on the 31st of July, 2015 in the conference hall to all fifth semester students. The speaker was **Mr. Vijay A** from **AIEE, Bengaluru**.
- A seminar on "Future of the World" at **K S Institute of Technology, Bengaluru** was organized on 28th July, 2015. The speaker was **Mr. Anson Ben, CEO, Global Intelnet services, Koramangala, Bengaluru**. The talk was on the future world, students of 3rd and 5th semester participated in this interactive session. The sessions were very informative. It also motivated the students to come up with new innovative ideas and apply their skills to develop new products.



EVENTS ATTENDED

- A one-day Industrial Certificate Training Program on "FEKO - Antenna Design and Simulation Software" at **Altair India Pvt. Ltd** was attended by **Dr. P N Sudha, Prof and Head** on 20th August, 2015. The program gave an overview of FEKO.
- A three-day workshop on "Embedded System Design Using ARM CORTEX M4" which was held at **M S Ramaiah Institute of Technology, Bengaluru** from the 25th of May to the 27th of May, 2015. was attended by **Mrs. Lakshmi H R, Asst. Prof and Mrs. Jayasudha B S K, Asst. Prof**. The workshop aimed at giving information and project ideas about ARM Cortex M4.
- A One-week workshop on "A Practical approach towards Embedded System Design" under TEQIP phase II held at **M S Ramaiah Institute of Technology, Bengaluru** from the 27th of July to the 1st of August 2015 was attended by **Mrs. Jayasudha B S K, Asst. Prof.**
- A three-day Faculty Development Program on "Signal, Image and SDR using LABVIEW" was held at **JSS Academy of Technology, Bengaluru** from the 22nd of June to the 24th of June, 2015 which was attended by **Mr. Sampath Kumar S Asst. Prof.**
- A five-day workshop on "Embedded Processors and Application" was attended by **Mr. Dinesh J, Instructor** from the 13th to 17th of July 2015 at **R V College of Engineering, Bengaluru**.

- A one-day Faculty development program on "Intellectual Property Significance for Academia in Business & Research" held at B N M Institute of Technology, Bengaluru on the 2nd of August, 2015 was attended by Mrs. Sahana Salagare, Asst. Prof, Mrs. Jayasudha B S K, Asst. Prof and Mr. Vikram Ramesh Lakkavalli, Asst. Prof.
- A four-day Professional Development Program on "Formulation of Research and Development Initiatives for Scientists and Technologist" conducted from the 7th to the 10th of September, 2015 at Engineering Staff College India (ESCI) Campus, Gachibowli, Hyderabad was attended by Dr. Surekha B, Professor and Mrs. Supriya V G, Assoc. Prof. The summary and outcome of the program was that it identified the thrust areas of funding organizations, different phases of project proposal, advantages of institutional collaboration with industries, importance of NBA accreditation to get the grants (DST, AICTE, BRNS, UGC etc.). It also encouraged to write project proposals through R & D activities in college.
- A two-day Conference on "Skill Development, Rural Entrepreneurship and Technology" organized by Skill Development Centre, was attended by Mr. Vikram Ramesh Lakkavalli, Asst. Prof. on the 4th and 5th of September 2015.
- A one-day Faculty Development Program on "Antenna design and analysis" was attended by Dr. Surekha B, Professor, Mr. S Christo Jain, Asst. Prof. and Mrs. Pragathi P, Asst. Prof at T. John Institute of Technology, Bengaluru on the 15th of September 2015. The workshop gave an overview of antenna design using CEM tool.
- A one-day event "Lockheed Martin India Innovation Growth Program" organized by FICCI in association with Department of Science and Technology (DST), Government of India, along with the partners, Lockheed Martin, Stanford Business School, IC2 institute, TIE and Indo US technology forum was attended by Mr. Vikram Ramesh Lakkavalli, Asst. Prof. on the 15th October 2015 at Hotel ITC gardenia, Bengaluru.
- A two-day workshop on "Intellectual Property Rights" at VTU Regional Office, Bengaluru was attended by Mrs. Prathima B A, Asst. Prof on the 10th and the 11th of July 2015. The workshop gave an overview of IPR Spectrum and innovations.
- Mr. Sudarshan B, Asst. Prof attended a one-week Workshop on "Bhuvan Panchayat Portal for Asset Mapping and Planning" held on 4th December, 2015 at ISRO Headquarters, New BEL Road, Bengaluru.
- A one-week "Faculty Orientation Workshop" conducted at VTU Regional Centre, Mysore from the 7th to the 13th of September, 2015 was attended by Mrs. Divya K, Asst. Prof. The workshop dealt with principles of effective teaching methods and planning that could be integrated with the campus culture.
- A two-day CXC Program on "Internet of Things (IOT)" hosted by IISc, Bengaluru and Intel Higher Education, India was attended by Mr. Praveen A, Asst. Prof on 17th and 18th of December, 2015. The key objective of the CXC program was to build IOT related skills and spur innovations in a variety of applications.
- A one-week workshop on "Recent trends in Video Analytics" at MSRIT, was attended by Dr. Surekha B, Prof and Mrs. Lakshmi H R, Asst. Prof. The goal of the workshop was to develop methods that enable a machine to understand or analyze images and videos.
- A two-day workshop on "Internet of Things (IOT)" at KSIT was attended by Mrs. Jayasudha B S K, Asst. Prof and Mrs. Lakshmi H R, Asst. Prof. The sessions were handled by Prof. Jamadagni of IISc, Bengaluru and his team. The goal of the workshop was to impart working knowledge pertaining to Internet of Things.
- "User2User International Conference" held on November 6, 2015 at Leela Palace, Bengaluru organized by Mentor Graphics was attended by Mrs. Lakshmi H R, Asst. Prof. The conference gave a wonderful opportunity for EDA tool users to learn from each other and also understand the latest trends in the semiconductor ecosystem.
- A three-day workshop on "Research Methodologies & Latex" was attended by Mrs. D V Rajeshwari Devi, Asst. Prof from 21st-23rd May, 2015 at BMS College of Engineering, Bengaluru.
- The 18th ISTE State Level Faculty Convention held at PES University, Bengaluru on 6th and 7th November, 2015 was attended by Dr. P N Sudha, Prof and Head and Mr. Sangappa S B, Assoc. Prof.
- A two-day workshop on "Outcome based Education" held on 4th and 5th December, 2015 KSSEM, Bengaluru was attended by Dr. Shanthi Prasad M J, Prof and Mrs. Sahana Salagare, Asst. Prof.

ACHIEVEMENTS

Faculty

- Mrs. Supriya V G, Assoc. Prof published a paper titled "A Novel Irreversible Transformation Scheme for Biometric Template Protection" in the International Journal of Electrical and Electronics Engineering in volume 10, issue 5 in the month of October 2015.
- Dr. B Surekha, Prof filed a patent on 26th October, 2015 with the title "VISWAAS" in the area of image processing.
- Mrs. Rajeshwari Devi D V, Asst. Prof presented a paper titled "An Improved Feature Extraction Method Based on DWT and 2DSubXPCA Methods" at the International Conference on Computing and Network Communications (CoCoNet'15) organized by Indian Institute of Information Technology and Management - Kerala (IITM-K).

- **Mrs. Prathima B A, Asst. Prof** has published a paper titled as "**Methodology for Auto Error Detection and Correction for Closed Loop Manufacturing using Embedded System**" in the International Journal of Current Research in volume 07, issue 09, in the month of September 2015.
- **Mr. Sangappa S B, Assoc. Prof.** was nominated as member of **National ISTE Student Award Selection Committee** of the 18th ISTE Student National convention held at **Kings College of Engineering, Tamilnadu**. He also was the **guest of honor** during the **12th Karnataka State ISTE Student Convention** held on the 12th of September 2015 at **SDMIT, Ujjire** on the theme "**Sustainable Developments through Innovative Technologies**" for rural needs.
- **Mrs. Lakshmi H R, Asst. Prof.** submitted a paper titled "**GSM Enabled Smart Incubator for Endangered Species**" at the 2nd NCEST held at **Sapthagiri College of Engineering, Bengaluru**.
- **Mr. Sudarshan B, Asst. Prof** presented a paper titled "**Multi-Resolution Architecture of Graded Memory**" at an International Conference-ICERECT-2015 organized by **PES Institute, Mandya** in association with IEEE which was held from 17th-18th December,2015.
- **Dr. B Surekha, Prof** presented a paper titled "**AADHAR Integrated Biometric Vigilance System**" at Indian International Science festival-Young Scientists Meet held at **IIT, Delhi** which was held from 4th to 8th December,2015.
- **Dr. B Surekha, Prof** and **Mrs. Lakshmi H R, Asst. Prof.** have presented a paper titled "**Visual Cryptography based Lossless Water marking of Sensitive Images**" in 6th International Conference on Swarm Evolutionary and Memetic Computing which was held on 18th and 19th of December,2015 at **CMRIT, Hyderabad**.
- **Mr. Sangappa S B, Assoc. Prof.** worked as Advisory Committee Member at the National Conference on Advancement in Information Technology organized by the Department of Information Science at **JSSATM, Bengaluru** held on 5th and 6th May,2015.
- **Mr. Sangappa S B, Assoc. Prof.** was the Chief Guest of a three day Faculty Development Program on "**Computer Aided Machine Drawing**" held at **JSS Academy of Technical Education, Bengaluru** from 28th-30th December,2015.

Students

Internships

- **Zaiba, Vinaya Singh P, Varshitha G** and **Vaishnavi Devi** of the 7th semester underwent an internship program at **Hindustan Aeronautical Limited, Bengaluru**.
- **Shreesha Raghavan, Siri T Bhat** and **Faizuddin** of the 7th semester underwent an internship program at **BOSCH Limited, Bengaluru**.
- **Sushma S N** and **S Navya Sri** of the 7th semester underwent an internship program at **Bharat Electronics Limited, Bengaluru**.
- **Suraksha S Aithal** of 7th semester has undergone an In-plant training at **Indian Space Research Organization, Bengaluru**.

Cultural

- **Goutham** of the 3rd semester had the distinction of participating in the **Dance Plus Reality Show** which was aired on **Star Plus Channel**. He also bagged the first place in **V-Fest National level**.

VARIOUS CLUB DETAILS

IEEE

A two-day workshop on **Robotics** was organized by IEEE Student chapter and WIE affinity group in association with **Robominions** on the 2nd and 3rd of October,2015 at **K S Institute of Technology, Bengaluru**. Students from various Engineering colleges participated in the workshop. The workshop revised the basics of several Electronic components and its working. During the various sessions several autonomous robots like Line



following robot, obstacle detector robot, joystick controlled robot, edge detector robots and many more were built. The phrase "Tell me I'll forget, show me I may remember, involve me and I'll understand", was very apt and proved that practical knowledge and hands on experience that was gained during the workshop will definitely help to have an edge over others.



MAGAZINES

EDN caters to the need of working electronic engineer and cover new technologies and electronic component products at engineering level. Various columns in this magazine discuss about technical issues generally faced in the designing of electronic components, systems and developing technologies.



ABOUT THE DEPARTMENT

The advent of technological revolution and quantum development in the field of electronics and communication due to myriad complexities of the e-world it was inevitable for the evolution of another field to make a distinct identity of its own. Thus the ball of development was set into motion and the Telecommunication gradually assumed a role of pre-eminence which is shared by few other engineering disciplines in the modern world.

The department emphasizes in providing students quality education in learning and providing ample importance for practical applications. The department encourages and implements tech-savvy projects, which sharpens the student's appetite for exploration. The excellent faculty and staff have been instrumental in ensuring that the students are well prepared for the competitive corporate world.

LATEST TECHNOLOGY

Light Fidelity or Li-Fi is a Visible Light Communications (VLC) system running wireless communications travelling at very high speeds. Li-Fi uses common household LED (light emitting diodes) lightbulbs to enable data transfer, boasting speeds of up to 224 gigabits per second. The term Li-Fi was coined by University of Edinburgh Professor Harald Haas during a TED Talk in 2011. Haas envisioned light bulbs that could act as wireless routers. Subsequently, in 2012 after four years of research, Haas set up pure Li-Fi with the aim 'to be the world leader in Visible Light Communications technology'. Li-Fi and Wi-Fi are quite similar as both transmit data electro-



magnetically. However, Wi-Fi uses radio waves while Li-Fi runs on visible light. As we now know, Li-Fi is a Visible Light Communications (VLC) system. This means that it accommodates a photo-detector to receive light signals and a signal processing element to convert the data into 'stream-able' content. An LED lightbulb is a semiconductor light source meaning that the constant current of electricity supplied to an LED lightbulb can be dipped and dimmed, up and down at extremely high speeds, without being visible to the human eye. For example, data is fed into an LED light bulb (with signal processing technology), it then sends data (embedded in its beam) at rapid speeds to the photo-detector (photodiode).

The tiny changes in the rapid dimming of LED bulbs is then converted by the 'receiver' into electrical signal.

The signal is then converted back into a binary data stream that we would recognise as web, video and audio applications that run on internet enables devices.

Li-Fi vs Wi-Fi

While some may think that Li-Fi with its 224 gigabits per second leaves Wi-Fi in the dust, Li-Fi's exclusive use of visible light could halt uptake.

Li-Fi signals cannot pass through walls, so in order to enjoy full connectivity, capable LED will need to be placed throughout the home. Not to mention, Li-Fi requires the lightbulb on at all times to provide connectivity, meaning that the lights will need to be on during day.

100% RESULT :

- Mr. K SENTHIL BABU OPTICAL NETWORKING
- Mrs. REKHA N GSM
- Mrs. RAMYA S MULTIMEDIA
COMMUNICATION
- Mrs. SRIVIDYA R PROGRAMMING IN C++

EVENTS CONDUCTED:

Vanquish: The telecommunication dept of KSIT has not only taken its fame in academics but has also portrayed its skill in various events. To one such commendable endeavours Vanquish (to defeat an enemy or an opponent) has been a feather in its cap. Vanquish was first conducted in the year 2014 to commemorate the achievements of Bharat Ratna Sir.M Vishweshwariah and this year too Vanquish'15 was successfully conducted with an intention to give a tribute to the missile man of India, Late Dr.A.P.J.Abdul Kalam. The event mainly comprised of 4 sectors technical quiz, The Sudoku, Tag Of War, and JAM. The event was a huge success with a total of 153 teams comprising of two members each participating in the first round which lead

to 4 excellent teams to reach the last round JAM. Vanquish'15 comprised of students from each department and unanimously witnessed the entire student fraternity to mingle as one unit supporting and encouraging the teams. These events upheld the usage of various talents and skills, and tests ones quickness, alertness, sportsmanship and teamwork. Vanquish



- **Teacher's Day:** Teachers are a significant part of everyone's life. They show us the right path and groom us to become a better citizen and a better



person. They teach us to face the most difficult challenges of life and get through them, easily. Teacher's Day is celebrated to pay tribute to teachers, who have dedicated a considerable part of their life to impart moral and academic knowledge to their students.



- **All India Radio Studio's, Bangalore:** AIR has many services in a number of languages, each serving different regions across India namely, Vividh Bharathi, Primary channel, Amruthavarshini and FM Rainbow.

Visit to All India Radio was informative. It increased their knowledge about different techniques involved in transmission of various radio channels. The practical applications of MOSFET, temperature sensors and transmitting and receiving antennas. The technology involved was well taken and adhered to live broadcasting, recording and editing were done. This visit was very informative curious which helped to gain that knowledge about different private air stations broadcast the information. Accompanied by the Deputy Director of All India Radio who spent his valuable time and shared his knowledge about radio wave communication. The faculty opined that the visit to AIR was educative.

- A two days hands on workshop on Project based learning for 7th semester students organized by department of Telecommunication in association with Tenet Technotronics was conducted on the 7th and 8th of August, 2015

EVENTS ATTENDED

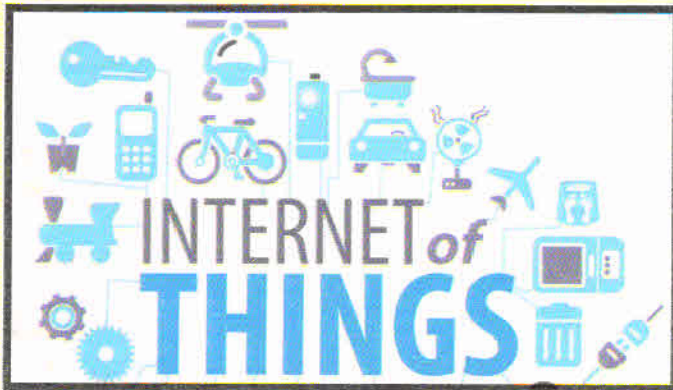
Faculty:

- **Mrs. Chanda V Reddy**, Associate Professor & Head attended a three-day workshop on "Graphical System Design in Engineering & Technology uses NI's LabView" from 5th Feb to 7th Feb 2015 at SJBIT.
- **Mrs. Ramya S**, Associate Professor attended "RBK memorial workshop on Antenna Design & Simulation Techniques" on the 16th and the 17th of June 2015, at RNSIT
- "Enhancing Digital Skills on Adobe's Best of Breed Creative Tools" organized by CSI chapter on 25th June 2015 at KSIT.
- Paper presented and entitled "Evolutionary Design for Optimal Number of Wavelength Converters and their placement in WDM" at ICATccT, IEE conference held on 29th to 31st October 2015, Davangere.
- **Mr. K Senthil Babu**, Associate professor attended NBA Awareness workshop at BMS College of Engineering, Bangalore.
- **Mrs. Supriya V** attended 2-day workshop on Antenna Simulation & Design at RNSIT, Bangalore.
- **Mrs. Yeshwini V**, Associate Professor attended a 6-day workshop on faculty development programmed at Mysore.

- **Mr. Dileep J**, Associate Professor attended a 2-day conference on **Skill development rural entrepreneurship** in Bangalore.

Students:

- Students of 5th semester **Akshtatha, Gayithri, Nandini, Bharath, Dheeraj, Bhavana, Sandhya, Raghu** had attended a workshop organised by IASC lead by **prof. Jamadagni**. Key features involved were, they were trained on simple Arduino programs and implementation of IOT in their future projects.



ACHEIVEMENTS

Faculty:

- **Mrs Devika B Asst. Prof** published a Paper on IJARCSE "Literature survey on optimization of power in adhoc N/W".
- **Ms. Srividya R Asst. Prof.** published a paper on "Design of Biometric Authentication Technique for MANET based Emergency Response S/Y" in 2015 IEE Journal.
- **Ms. Supriya V Asst. Prof.** Paper published a paper on "IJERT journal on Feedback and Feed forward timing recovery algorithms on MSK".

- **Mrs. Rekha N Asst. Prof.** published a Paper for "icATccT on SANC: Stochastic Approach for noise cancellation in GSM Signals".
- **Mrs. Supriya V** presented a paper on "IJERT journal on feedback & Feed forward Recovery Algorithms on MSR".

Students:

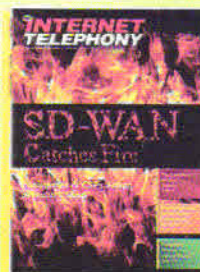
- **Nishith HM, Nandishwar C, Pavan Kumar RG, Rakshith V** has presented a paper titled "Smart Irrigation System in Green Houses Using 8051." in National Conference on "Real-Time Systems", held on 14th and 15th of May.
- Students of 7th semester has attended various types of internships/ in plant trainings in the following companies/ Institutions.
 1. VXL instrumentals
 2. ITI
 3. HAL
 4. BSNL, Mysuru

MAGAZINES:

Featuring: Fifth Generation Now officially part of the industry discourse, what does 5G actually mean? Name your price How LTE pricing strategies are evolving as markets mature. Tomorrow the World Phone Despite the global embrace of LTE, a truly global device remains to be seen.



Every month INTERNET TELEPHONY® covers the whole breadth of the industry from enterprise and service provider concerns, to regulation, to reseller opportunities, to new developer tools to identifying exciting areas of untapped potential such as WiFi Telephony and WIMAX.





ABOUT THE DEPARTMENT

“Engineering” refers to application of scientific knowledge and knowhow for the betterment of humanity and hence, “Basic Sciences” can be seen as the basis for an Engineer’s career. **The Department of Basic Science and Humanities**, has a strong motto of inducing discipline in the life of its budding Engineers. The seed of Basic Science which emerges out into various branches in engineering, ultimately provides multiple fruits such as successful careers for students and progress in society. The department has all the necessary infrastructure in terms of lab and required equipment’s that is needed for the students to conduct experiments as per the syllabus prescribed by the VTU, Belgaum. The faculty here are extremely qualified and helpful to students. They are the friend, motivator, philosopher and guide to each one of their students through their entire journey.

DEPARTMENT WELCOMES

- **Mr Anantha M.S**, M.Sc Asst. Prof.
- **Mr Naveen V**, M.Sc Asst. Prof.

LATEST TECHNOLOGY

Light Based Memory Device

Computational devices work with electrons for various processes such as data transmission, processing and data storage. But, as in case of data transmission, it is clear



that the usage of light instead of electricity could lead to much faster and energy efficient systems. Now researchers led by Harish Bhaskaran, a nano engineering expert at the University of Oxford in the United Kingdom and Wolfram Pernice, an electrical engineer at the Karlsruhe Institute of Technology in Germany, have unveiled a promising scheme for using light to store information on a chip as well, even when the power is off. A material called GST is an alloy of germanium, antimony, and tellurium. When a GST film is zapped with an intense pulse of laser light, it changes its atomic structure from an ordered crystalline lattice to an “amorphous” jumble. These two structures reflect light in different ways, and CDs and DVDs use this difference to store data. To read out the data stored as patterns of tiny spots with a crystalline or amorphous order—a CD or

DVD drive shines low-intensity laser light on a disk and tracks the way the light bounces off. The latest technology introduced by Bhaskaran uses a similar concept of a phase-change material to achieve photonic memory. The researchers also showed they could use light to put the material into mixed states—say, 10 percent crystalline and 90 percent amorphous, or 20 percent crystalline and 80 percent amorphous, and so on. Having more than just two states available for memory storage “means you can cram a lot more information” into the same space. This technology still has a long way to go. The researchers have only demonstrated the ability to read and write several bits. More research and development will be needed to understand how exactly it can and should be applied. Which means it will not be commercialized anytime soon. But when it does, we can certainly expect it to revolutionize computing as we experience it.

100% RESULTS

- **Mr.Sunil Kumar N** Engineering Physics
- **Mr. Praveen C Jois** Engineering Physics
- **Mr. Naresh K** Elements of Mechanical Engineering
- **Mr. Mallikarjuna M R** Elements of Mechanical Engineering

EVENTS CONDUCTED

On the 5th of September every year, the whole nation pays tribute to our former President **Dr. Sarvepalli Radhakrishnan** by celebrating the most important

person of every individual's life- *the Teachers*. In KSIT too, students from all the departments came forward to recognize, honour and celebrate the facilitators of their education. The celebrations started with paying tribute to the former president, followed by various fun-filled events which were conducted by the students in which all the teachers graciously participated. Gifts were presented to the faculty and the day ended on a joyous note for the teachers and students alike.

EVENTS ATTENDED-

FACULTY

Dr. Ranjana Jain

- A National Conference on **"Recent Trends in Science and Technology"** in May 2015 at KS School of Engineering and Management Bengaluru.
- A one-day workshop on **"Value Based Outcome and Accreditation"** on the 21st of July 2015 held at BMS College of Engineering Bengaluru.
- A Two Day Faculty Development Program on **"Outcome Based Education and Bloom's Taxonomy"** on the 4th and 5th of December 2015 at KS School of Engineering and Management Bengaluru.

Mrs. Anuradha M V

- A National Conference on **"Emerging Trends in Engineering Management"** in June 2015 held at JSS Academy Bengaluru.
- A National Conference on **"Emerging Trends in Engineering Management"** in May 2015 held at K.S. School of Engineering and Management Bengaluru.
- A one-day workshop on **"Value Based Outcome and Accreditation"** on the 21st of July 2015, held at BMS College of Engineering Bengaluru.
- A Two Day Faculty Development Program on the **"Outcome Based Education and Blooms Taxonomy"** on the 4th and 5th of December 2015 at the Kammavari Sangham School of Engineering and Management Bengaluru.

Mrs. Jalaja P

- A National conference on **"Applied Science and Humanities"** in Mathematics, in May 2015 held at K.S. School of Engineering and Management Bengaluru.

- A one-day seminar on **"Enhancing Digital Skills on Adobe's Best of Breed Creative Tools"** in May 2015 at Kammavari Sangham Institute of Technology Bengaluru.

Mr. Venkataramana B S

- A National conference on **"Applied Science and Humanities"** in Mathematics, in May 2015 held at K.S. School of Engineering and Management Bengaluru.
- A seminar on **"Enhancing Digital Skills on Adobe's Best of Breed Creative Tools"** in May 2015 at Kammavari Sangham Institute of Technology Bengaluru.

Mr. Chowdappa M R

- A National conference on **"Applied Science and Humanities"** in Mathematics, in May 2015 held at K.S. School of Engineering and Management Bengaluru.

Mrs. Shylaja K R

- A National conference on **"Applied Science and Humanities"** in Chemistry in May 2015 held at K.S. School of Engineering and Management Bengaluru.

ACHIEVEMENTS:

Dr. Jayakumar K R

- Delivered an Invited talk on **"The Effect on Heat Generation and absorption on MHD free convection water boundary layers' flow over a plate"** in The National Conference held at Kammavari Sangham School of Engineering and Management on the 5th of May 2015 and also sessioned the Chair.
- Delivered a talk on **Ordinary Differential Equation and Partial Differential Equation** in a Faculty development program held at Ramanagara Government College.
- Published a **Research paper** in National Conference held at Kammavari Sangham School of Engineering and Management Bengaluru.

Dr. Ranjana Jain

- Published a paper in the, **International Journal of Informatic and Futuristic Research on "Characterization and Mechanical Behaviour of Plasma Sprayed Ceramic Coating"**

Mr. Kiran Kumar SR

- Presented a Paper on “Synthesis and Characteristics of Copper Oxide Nano Particles: To study the Voltametric response of bio-molecules” in August 2015,
- Presented a Paper on “Synthesis and Characteristics of ZnO-CuO Nano Composite; To study the Voltametric response of bio-molecules” in October 2015.

Ms. Anuradha MV

- Presented a paper on “Occupational Stress experienced by Industrial employees in Kannur and Calicut, district of Kerala State” in April 2015, in SJBIT.

- Presented a paper titled “Employees Engagement - a study of employees of Banks of Bangalore city” at JSS Academy, Bangalore.
- Presented a paper in National Conference titled “Association between Quality of life, Job satisfaction and Organizational Stress among call centre employees” at KSSEM, in May 2015.

Students

- **Krishna R Mojamdar** secured First place in the event Fury Road held at BMS College of Engineering.
- **Mahima Padmanabh B** secured Second place in Cooking without Fire held at Bangalore Medical College.

Alumni Meet

To take a walk down the corridors of nostalgia, The second Alumni Meet was organized on the 1st of November 2015 at 11:00 am in our college conference hall which incidentally coincided with our Naada Habba Kannada Rajyothsava. The Meet traditionally began with Saraswathi Vandana by the students and the lighting of the lamp by the ever encouraging members of the Management of the Kammavari Sangham Group of Institutions, the Principal, the Convener of the event **Prof. Santosh** along with our Student Alumni coordinator **Mr Akhil Bharadwaj**. **Mrs. Sahana Salagare**, Assistant Professor Department of Electronics and Communication, welcomed the gathering and enlightened them about the rich cultural heritage of Kannada language and how to preserve them in the ever increasing cosmopolitan outlook. **The Principal** addressed the Alumni's and he briefed the activities planned through the association and also motivated them to extend their full support to the activities of the association. **Mr. Akhil Bhardwaj** Alumni Coordinator presented the Alumni Bylaws and also introduced the Executive Committee members of Alumni Association to the new Alumni's. **Sri. D. Rukmagda**, **Treasurer, Kammavari Sangham** addressed the Alumni's. In his address he insisted the Alumni's to take part in all the activities of the association and share the knowledge acquired by them with the present students so that, they get benefited and also gets introduced to the industry culture. He also appreciated the efforts of **Mr prabhu**, **Mr Akhil Bharadwaj** and **Mr Abhishek B** our Alumni's working in reputed companies for having come forward and given various talks on subject related matters.

Mrs. Swathi K Internal Secretary Alumni Association proposed the vote of thanks.



"All work and no play makes jack a dull boy, all play and no work makes jack a mere toy". With this idiom in mind, our college makes way for the all-round development of the students by encouraging them to participate, win and make a name for themselves in the various fields of sports without compromising on their education.

Kabaddi

With the much animated conversation going on as to make Kabaddi the National Sport of India, our college team has been victorious in many of their dauntless expeditions. VTU Single Zone Kabaddi (Women) Tournament 2015 was held between the 27th and the 29th of April 2015, at APSCE, Bengaluru in which our college girls secured the runners up place. Our College Girls Kabaddi team brought us laurels again by securing the first place in the Inter Collegiate Kabaddi Tournament which was organized and conducted on the 16th of October 2015 by Sir MVIT, College Bengaluru. PESIT INFINI Kabaddi Tournament 2015, was held on the 19th and 20th of October 2015 in the PES Campus. Our college girls Kabaddi team again added a feather to their cap by being runners up in the tournament.

Throw ball

Kammavari Sangham Institute of Technology had the privilege of conducting the VTU Bengaluru south zone intercollegiate Throw ball tournament for Women on the 8th of October 2015, where in our girls with the thought "Talent win games, Teamwork wins Championships!" proceeded to the finals where they put up a spectacular fight with the Global Academy of Technology to secure the runners up place.



Kabaddi



Throw ball



Table Tennis

Table Tennis

A 2-day Table Tennis Tournament was organized and conducted by our sister concern The K.S School of Engineering and Management on the 7th and 8th of September 2015. The Spirit of participation which matters where in our college team diligently proceeded to the semi-finals.

Cricket

It is said in India that cricket isn't just life or death but it's something more. Inter-collegiate Cricket tournament was organized for the VTU affiliated colleges from the 4th to the 11th March 2015 at the SJBIT Bengaluru. Our College team participated and qualified for the quarter-finals.

Badminton

A 2-day Shuttle Badminton Tournament for Boys' was organized by the SJBIT Bengaluru on the 21st and 22nd of August 2015, in which our College boys team qualified for the second round.

Power Lifting

Do you still have a conception that girls are not strong? Our girls are here to make you think otherwise. **Bhavya P** of the 5th semester, Electronics and Communication branch secured the silver medal and **Shruthi K** of the 7th semester Computer Science branch secured the bronze medal in the **VTU Power Lifting Competition 2015**, which was held from the 29th to 31st of October 2015. Bhavya P also has the distinction of being a member of the VTU Power lifting team from our college and making all KSITians proud of her.



I take this opportunity to thank the editorial team of college newsletter **Chinthana Manthana** for bringing such a informative newsletter which gives information about ongoing activities in college highlighting the ability and quality that our students possess.

Dr. Ranjana Jain
Prof. & Head

KSIT Bangalore is one of the prestigious academic institutions in the country to provide a complete spectrum of services required by those students who graduate from academic institute. Other than helping students pursue higher education, KSIT also helps to shape the student's professional development by imparting skills that lessen the gap between academic and professional skills under the umbrella "**Campus Recruitment Training – Like skill @KSIT**".

Highlights of the program were

1. Diagnostic Test
2. Enhancing soft skills
3. Cracking technical code snippets
4. Conceptual building in Analytical/logical reasoning
5. Learning management system for profiling students
6. Online assessment data bank – of 200000 unique questions

Personality Development Program

- **Campus Induction Program was arranged for 1st semester students** on 4th and 6th August 2015. Students actively participated and gained confidence to face challenges ahead. Training program was very helpful for students to develop their self esteem and communication skills, students who want to grow, develop and become more employable for a effective career.
- **Online Assessment Test for Campus Selection by using E- Practo by Formac** On every Monday students of 7th semester undergo Online Assessments Test By E-Practo by Foramc at our Online Examination Lab exclusively designed for Online Assessments and so far have solved more Personality Development Training. Program for 3rd sem , 5th sem and 7th sem was held from July 2015 to Aug 2015 at KSIT Bangalore.
- **AMCAT** Assessment Test was conducted by Aspiring Minds for 7th sem students in the month of October 2015.
- **Seventh Sense and Freshers World. Com** conducted online assessment test for 7th sem students

Company Specific Training for Campus Selection was organized for

- **Infosys**- 18th, 19th & 20th September 2015
- **L&T Infotech**- 5th, 6th October 2015
- **Tech Mahindra**- 16th October 2015



NTT DATA Global Delivery Services Pvt Ltd conducted Placement connect meet for selected colleges across India at their premises in Bangalore.

Dr. T V Govindaraju, Principal/ Director, KSIT B'lore and

Dr. Ranjana Jain, Head TOP attended the session and were felicitated with an award. NTT DATA Global Delivery Services Ltd have recognized and honored KSIT as a Gold Partner due to their support and commitment. **Mr. Ravi Kumar, Senior Vice President NTT DATA Global Delivery Services Limited**, Bangalore Presenting the Award as a Gold Partner for NTT DATA.

CAMPUS DRIVES

- **Infosys**:- Conducted On Campus Recruitment Drive on 22nd and 23rd September 2015 for 2016 batch. **40** Students got placed in **Infosys** from **2016** Batch of KSIT.
- **NTT DATA** conducted On Campus Recruitment Drive on 24th and 25th September 2015 at KSIT for 2016 batch students. **19** students bagged the offer.
- **TECH MAHINDRA** conducted On Campus Recruitment Drive on 19th and 20th October 2015 at KSIT for 2016 batch students. **27** students bagged the offer.
- **L&T InfoTech** Conducted the Campus Recruitment Drives on 13th and 14th October 2015 for 2016 batch students. Students from various colleges participated for the same along with KSIT. **20** students of **KSIT** bagged the offer.
- **IBM** Conducted On Campus Recruitment Drive on 21st October 2015 at KSIT for 2016 Batch students. **11** Students bagged the offer.
- **Capgemini** had recruited 18 students from KSIT Bangalore.
- **West line shipping** had recruited **24** students from KSIT Bangalore with a salary package of **24 lakh per annum**.
- **HP** conducted campus recruitment drive at KSIT **4** students got placed.
- **Amazon** had conducted Pool Campus Recruitment Drive at KSIT Bangalore and rolled out more than 25 offers.
- **Amagi Media Labs** Conducted Pool Campus Recruitment Drive at KSIT Bangalore and offered 2 students with a package of 5.5 lakh per annum.

Training & Placement Cell

- **Hero Moto Corp** conducted Pool Campus Recruitment drive and offered a package of 5.5 LPA to our Mechanical Student Apoorva Vij.
- Our students appeared for various campus recruitment drive such as **SAP LABS, Mu-sigma, Amazon, Metric Stream, Vtiger, Razor Think, Inteva Products etc.**

Industry Institute Interactions- MOU's

- **Seventh Sense** for Personality Development Training Program and Online Portal for Campus Recruitment and Online Assessments.
- **Quantech Origin** for Learning Management System and Lifeskills @ KSIT
- **Cocubes** for Carrier Diagnostics Test, Technology Platform and Placement Assistance.
- **Aspiring Minds-** for AMCAT TEST and Placement Assistance
- **Fresher's World.Com-** for Campus Placements
- **Formac (e- Practo)** for Company Specific Assessment tests

Seminars- Student Participated in Various Technical Contest Held By Industries-

- **GRE /GMAT and International Studies** conducted by **BYJU'S** for pre final year students to enhance their Capability and Knowledge about various options available to pursue their higher Education
- **IBM** officials gave seminar on the “**The Great Mind Challenge Contest**” -largest Software Development Contest for Engineering Students in the Country for - pre final year students to enhance their technical and coding skills and sharpen their ability.
- **TCSCodevita-** The coding online contest by TCS.
- **TheInfy - India** have been instituted with an objective to ignite the spirit of making in everyday learning and celebrate creative excellence by Infosys Pvt Ltd.

MOU's with corporates

1. KSIT has entered into a MOU with **Merit Trac Services Pvt.Ltd.** to conduct the Various Online assessment exam like SMU examinations, NIMHANS PG Entrance Test, All India CAT Examination, PSU assessments etc.
2. KSIT has tied up with **Siffy Technologies Pvt.Ltd.** to conduct their screening process on behalf of various clients. So far we have conducted various assessment tests.
3. KSIT has tied up with **TCS-iON** to conduct various online assessments for their clients viz., **GATE, IBPS, J2EE, AIEEE, LIC, UII, SBI, CMC Vellore, AIIMS, JIPMER, IISC KVPY, etc.**
4. KSIT has tied up with **Eduquity** to conduct various online assessments for their clients such as **HAL, CMC Vellore, JIPMER Assessments, etc.**

5. KSIT has tied up with **Q-Spider and J- Spider** to conduct various Campus Requirement Drive for Various companies.
6. KSIT has tied up with **BITS PILANI** to conduct **WILP- MS Software Systems Exams.**

Congratulations



APOORVA VIJ
HERO MOTO CORP
5.5 LPA

SL NO.	NAME OF THE COMPANY	NO OF STUDENTS PLACED
1	INDIAN NAVY	26(S)
2	INFOSYS	40
3	NTT DATA	19
4	L&T INFOTECH	20
5	ALPHA 9 MARINE	44
6	TECH MAHINDRA	27
7	IBM	11
8	WEST LINE SHIP	20
9	V-TIGER	2
10	RAZOR THINK	1(S)
11	CAPGEMINI	18
12	VIRTUSA	1
13	HP	8
14	CEASE FIRE	2
15	COGNIZANT	4
16	AMAZON	4
17	MU SIGMA	1(S)
18	6D TECHNOLOGY	1(S)
19	M PHASIS	1
20	PHOENIX SEA SERVICES	5
21	HERO MOTO CORP	1
22	HUAWEI TECHNOLOGIES	1
23	HCL TALENT CARE	9
	TOTAL	237

Prominent Drives @ KSIT



INDIAN NAVY ON CAMPUS RECRUITMENT DRIVE HELD ON 7/9/2015 FOR 2016 BATCH STUDENTS



TECH MAHINDRA ON CAMPUS RECRUITMENT DRIVE HELD ON 19/10/2015 FOR 2016 BATCH STUDENTS



NTT DATA ON CAMPUS RECRUITMENT DRIVE HELD ON 24/09/2015 & 28/09/2015 FOR 2016 BATCH STUDENTS



WESTLINE SHIP MANAGEMENT ON CAMPUS RECRUITMENT DRIVE HELD ON 28/10/2015 FOR 2016 BATCH STUDENTS



IBM ON CAMPUS RECRUITMENT DRIVE HELD ON 21/10/2015 FOR 2016 BATCH STUDENTS



TCS OFF CAMPUS RECRUITMENT DRIVE HELD ON 02/03/2016 FOR 2016 BATCH STUDENTS



HP POOL CAMPUS RECRUITMENT DRIVE HELD ON 11/01/2016 FOR 2016 BATCH STUDENTS



AMAGI MEDIA LABS POOL CAMPUS RECRUITMENT DRIVE ON 15/02/2016 FOR 2016 BATCH



PLACED STUDENTS



GRE/GMAT & INTERNATIONAL STUDIES-SEMINAR CONDUCTED BY BYJU'S ON 01/03/2016 FOR PRE-FINAL YEAR STUDENTS

GREAT MIND CHALLENGE-INITIATE COLLABORATE INNOVATE -SEMINAR CONDUCTED BY IBM ON 04/03/2016 FOR PRE FINAL YEAR STUDENTS



SNEHA-CS

Ceasefire Industries Limited



VIVEK-CS



POOJA-EC



SUSHMA-CS



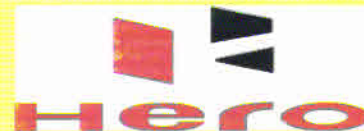
ASHWIN-CS



CHARAN-EC



AJITH-EC



APOORVA-ME



MEGHANA-EC



ABHISHEK-EC



ASHWINI-CS



PLACED STUDENTS



VINUTHA-EC



KARTHIK-EC



MEGHANA-EC



MANJESH-EC



ABHISHEK-EC



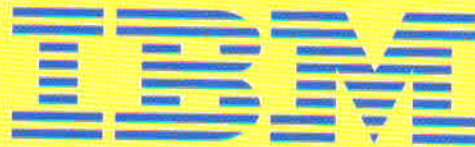
SRILEKHA-CS



RASHMITHA-TE



RAKSHITH-TE



JAYANISHA-EC



LOKESH-EC



MADAN-EC



NIKHIL-TE



SYEDA-TE



KARTHIK-ME



DISHA-CS



CHINMAY-CS



SANJANA-CS

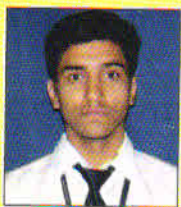


PRADEEP-CS



PAVAN-CS

AND MANY MORE...



AMIT-ME



SMRITHI-TE



ABHIRAM-ME



BHUVANA-TE



SINDHU-TE



AJAY-TE



ANUSHA-TE



SUSHMITHA-TE



SEEMA-TE



VARSHITHA-EC



MEGHANA-EC



ABHISHEK-EC



ABHISHEK-ME



LAVANYA-CS



JYOTHI-CS

AND
MANY
MORE...



PLACED STUDENTS



MD MAAZ-ME



ABHIRAM-ME



VIJAY-CS



12 L.P.A



VATSA-ME



RAMANA-ME



NITHIN-ME



DARSHAN-ME



RAGHAVENDRA-ME



AKSHAY-ME



KARTHIK-ME



ANUJ-ME



MANU-ME



NAVEEN-ME



RAJSHEKHAR-ME



SANTHOSH-EC



RANJITH-EC



SURESH-EC



ASHUTOSH-EC



BHARATH-EC



CHANDRESH-EC



NAMAN-EC



MANJESH-EC



DIVYA-EC



HARSHITH-EC



BASAVARAJ-EC



LOKESH-EC



SANDEEP-EC



AJAY-EC



HARSH-CS



GAGAN-CS



RAKESH-CS



PRADEEP-CS



TEJAS-TE



SHABARISH-TE



PRASAD-CS



24 L.P.A.



SUMANTH-ME



ABHISHEK-ME



RAGHU-ME



NAVEEN-EC



MANOJ-EC



SHARATH-EC



PAVAN-EC

AND MANY MORE.....

**YOU
HAVE TO
DREAM
BEFORE
YOUR
DREAMS
CAN
COME
TRUE**



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