



K.S. Group of Institutions

K.S. School of Engineering and Management



Aim at Perfection, Achieve Excellence

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About K.S. School of Engineering & Management

The K.S. School of Engineering & Management established in 2010, is the Kammavari Sangham's latest venture in the field of technical education. The institution was established with the objective of providing higher technical education, and research opportunities to the student community. With a prominent research hub, the college has opportunities for the students to pursue their

studies in the fields of engineering and management.

K.S.School of Engineering & Management provides BE, M.Tech and MBA courses, and is in the process of developing its postgraduate facilities. K.S.School of Engineering & Management provides an opportunity for students to pursue their BE in five different disciplines: Computer Science, Electronics and Communications Engineering, Electrical and Electronics Engineering, Civil Engineering and Mechanical Engineering.

The campus, nestled in a quiet location off the Kanakapura Main Road, close to the KSIT campus, provides quality facilities like well-equipped laboratories, sports facilities, library, a state-of-the-art conference hall for seminars, an airy auditorium for gatherings, etc.

The institution provides teaching and support from dedicated, hard-working, well-qualified faculty, led by our eminent Principal, Dr. S.N. Sridhara. The management committee, comprised of successful experienced achievers from many different fields, provides invaluable support, suggestions and direction to the institution. The modern infrastructure provided by the management, has been crucial for all the world-class facilities provided by the institution for its students.

Realizing the importance of technical education, the energetic, dedicated and visionary members of the Kammavari Sangham, under the leadership of our President, Sri. K. Subramanyam Naidu, are executing their responsibilities sincerely for the growth of the institution since its establishment.

MANAGEMENT of K. S. GROUP OF INSTITUTIONS

President: Sri K. SUBRAMANYAM NAIDU

Secretary: Sri S.R NAIDU

Treasurer: Sri M.SRINIVASA MURTHY

About Computer Science & Engineering Department

Department of Computer Science and Engineering (CSE) has been at the forefront of computing since September, 2010. The CSE Department is recognized by AICTE and affiliated to VTU with the current intake of 120. The CSE Department has highly qualified faculties and has excellent state of the art infrastructure in both hardware and software resources. The Department of Computer Science and Engineering is committed to develop the IT leaders of tomorrow.

The Department is dedicated to education, research and overall excellence. The CSE Department continues to recruit faculty members with rich experience in academia, industry and research, and support superior research facilities. Faculty use state-of-art teaching aids to ensure better delivery of the content and facilitate greater student interaction. The staff of CSE department takes personal care of the students in counseling them about their progress in the subjects. Parents are made aware of their wards about their attendance, studies, behavior and attitude towards learning.

The Department of Computer Science and Engineering started M.Tech in Computer Science and Engineering in the year 2013. The program is approved by AICTE, New Delhi, and Government of Karnataka and is affiliated to Visvesvaraiiah Technological University (VTU), Belgaum, Karnataka.

The objective of this discipline is to train the manpower required

- (a) To meet the industry needs.
- (b) To pursue research in specialized areas.
- (c) To meet the growing needs of engineering colleges for trained faculty in Computer Science and Engineering.

The curriculum is aimed to give theoretical and hands on in the areas of Advances in Operating Systems, Advances in DBMS, Computer Systems Performance Analysis, Formal Models in Computer Science, Advanced Algorithms, Advances in Computer Architecture, Computer Networks, and offers elective subjects like Advances in Digital Image Processing, Computer Graphics & Visualization, Topics in Artificial Intelligence, Protocols Engineering, Advances in Storage Area Networks, Advances in Compiler Design, Advances in Pattern Classification, Information Security etc.

Department Forum – ENCRYPTONITES Workshops and Seminars Conducted BIT WARS ‘13, Technical Fest on 12th and 13th February 2013



The Principal Dr. Sridhara S. N., Dr. B.K. Raghavendra Professor & HoD, and Mr. Nitin, Software Engineer, Cresis Technologies Pvt. Ltd. were Inaugurated the function "BIT WARS '13" by lighting the lamp.

Mr. Nitin, Software Engineer, Cresis Technologies Ltd., Bangalore delivered an expert lecture on "Computer Networking" on 12th February 2013.

Mr. Venkatesh Kempareddy, Agile Service Offering Head, Mahindra Satyam Ltd., Bangalore has delivered an expert lecture on "Agile Scrum" on 13th February 2013.

The department association has conducted Technical paper presentation, technical quiz and programming skills competitions for II, IV and VI semester students.

ETHICAL HACKING workshop on 26th and 27th February 2013.

The Principal Dr. Sridhara S. N., Dr. B.K. Raghavendra Professor & HoD, and Mr. Sai Satish, Director, Indan Servers were Inaugurated the workshop "Ethical Hacking" by lighting the lamp.

Mr. Sai Satish, Director, Indian Servers was felicitated by the Principal and addressed the gathering. Dr. B.K. Raghavendra Professor & HoD, and Mrs. Veena R.S. Assistant Professor were also addressed the gathering.

Mr. Sai Satish, Founder and CEO of Indian Servers has conducted hands on workshop on Ethical Hacking. The students of IV and VI semester B.E. and staff members were attended the workshop. The focus of the talk was on Windows Hacking, Windows Cracking, Website Hacking, Backtrack, Metasploit, Malware Analysis.

JAVA and Web Technology workshop on 21st and 22nd August 2013.

Conducted Two days hands on workshop from 21/08/2013 to 22/08/2013 for VII Semester students. The students were given hands on training in Core Java, Advanced Java, HTML, JDBC, and Web Technologies. The training was given by Mr. Ashok Kumar K. and Mr. Chandrakanth L from AKLC, Bangalore.

Induction Program

The induction programme for the 1st year students was organized on 12/8/2013 in AryaBhatta Seminar Hall. The students of 3rd, 5th, and 7th Semester had interacted with the students by presenting various aspects of the computer technology & LIFE IN KSSEM.

Fresher's Party on 17/8/2013

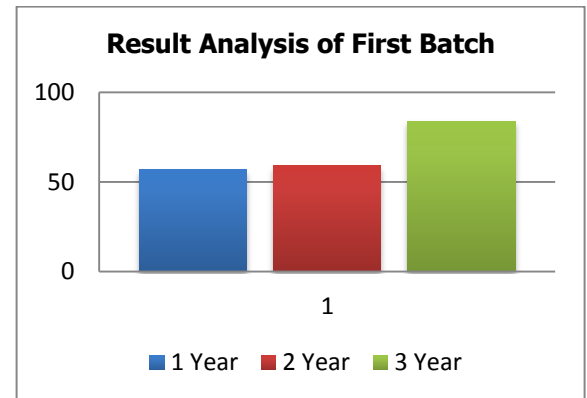
The students of 3rd semester A and B Section welcomed the first year students by celebrating fresher's party. It was the platform to get interacted with the individuals.



Placement Training

- The placement training was held for IV and VI semester students by Purple Leap from 28th January to 4th February 2013.
- The placement training was held for VII semester students from 29th July to 8th August 2013 and for III semester students from 5th August to 8th August 2013.

RESULTS



Student Teacher Feedback Project

This project has been developed by Mr. SRINIVAS R.KULKARNI, 6th semester of computer science and engineering Department, under the guidance of Mrs. VEENA R. S. Asst. Professor.

This project is in-house project which takes the feedback from students about their respective

teachers. At the end of each semester, the students will give the feedback about the teachers. Students can provide rating values on different attributes like Communication Skills, Punctuality of teacher, usefulness of the notes, preparedness of the teacher etc. With the feedback, the teachers can also improve on their respective attributes and do the best teaching. This project allows multiple students to give the feedback at same time.

The support from the team members who made the project successful are:

- Harshith.P.Chirag, 6th semester CSE
- Jayanth Gowda, 6th semester CSE
- Sreevathsa B S, 6th semester CSE

PUBLICATIONS

HAIBATTI VIKRAM, “Advanced Transaction with Smart Security”, Coimbatore Institute of Information Technology (CIIT) International Journal ISSN 0974 – 9659, published on July 2012.

Kavyashree B S, “A Secure Communication Mechanism for MHC networks using payment ratio”, IJARCSSE, vol 3, Issue 5, May 2013, ISSN: 2277 128X.

Kavyashree B S, “Interscience Research Network”, International conference on computer science and Engineering, 28th April 2⁰¹³, Bangalore

B. K. Raghavendra, Indramma M. and Raghavendra S., “Classification and Predictive Model Using Reduced Error Logistic Regression and Artificial Neural Network for Medical Datasets – An Overview”, 3rd National Conference on Emerging Trends in Information Technology, 3-5 May,2012, Bangalore, pp. 05.

B. K. Raghavendra, Anilkumar C. J. and Raghavendra S. “Evaluation of Predictive Model for Classification Using Neural Networks in Credits Scoring”, 3rd National Conference on Emerging Trends in Information Technology, 3-5 May,2012, Bangalore, pp. 07.

Haibatti Vikram, “Development of DTM Toolkit for HART Field Communication Protocol”, National Conference on Advanced Communication,

VLSI Design And Signal Processing at KSSEM, Bangalore, 17 April 2013.

Mamatha R, “Assymmetric digital subscribe line”, National th conference on 28 Jan 2013, Sri. Venkateshwara College of Engineering, Bangalore.

Mamatha R, “Efficient Network Access using ADSL”, National conference on Recent trends in computers th communication and information technology, 29 April 2013, M. S. Engineering College, Bangalore.

Ambika K B, “ Location based Remote client authentication protocol for remote area”, National Conference on Recent trends in computers communication and information th technology, 29 April 2013, M. S. Engineering college, Bangalore.

ACHIEVERS

Dr. B. K. Raghavendra, Professor & HOD - delivered an expert Lecture on “DBMS and its Application” at TMC Computer Education Center on 9 February 2013.

Mrs. Veena R. S. has been awarded as “Teacher of semester” as she received highest feedback from the students.

Mr. Sandeep H Participated in “Climate Science“Quiz Competition at IISC, Bangalore on September 2012.

Mrs. Kavya T has given 100% result in Software Engineering (10CS51) theory VTU external examinations.

Mrs. Shruthi U has given 100% result in System Software (10CS52) theory VTU external examinations.

STUDENT ACHIEVERS

Srinivas R Kulkarni, 5 sem CSE, Participated in National Programming League conducted by National Institute of Technology, Warangal and secured top 150 Ranking on September 2012.

Harshith P Chirag, 5 semester CSE, Participated in National Programming League conducted by National Institute of Technology, Warangal and secured top 150 Ranking on September 2012.

Ramakrishna, 1 Sem CSE, Participated in VTU Athletic meet 2012-13 at Siddaganga Institute of Technology, Tumkur on October 2012.

Aruna Sai Latha, 5 Sem CSE, Participated in VTU Athletic meet 2012-13 at Siddaganga Institute of Technology, Tumkur on October 2012.

Jayashree, 6 Sem CSE, Getting Trained for Boxing, power Lifting & Weight Lifting and Athletics in Kanteerava Stadium, Bangalore on January 2013.

Ajay M R, 2 Sem CSE, participated in inter collegiate techno cultural fest in SJBIT, BMS & JSS College and won first, third & first prize respectively for the event FIFA.

Jayasree.P Department of CSE (VII Sem) participated in State Level Senior Boxing Competition held at Sri Kanteerava Stadium from 26th to 28th July 2013 and secured **Silver Medal in Heavy Weight Category**. She has represented Karnataka State under S.A.K (Sports Authority of Karnataka).

Student & Staff Rolling Trophy Winners in the Cultural Fest AAROHANA 2013

