



# Vasavi College Of Engineering

## CSE NEWS BULLETIN

Department of computer science  
Ibrahimbagh -500031

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### Our Vision

*To be a center for imparting Computer Science and Engineering education and to serve as a valuable resource for the industry and society*

### Our Mission

*To enable the students to develop logic and problem solving approach to help build their careers in the field of computing and provide creative solutions for the benefit of the society.*

### PEO's

*Graduates will possess in-depth knowledge in the area of Computer Science and Engineering and keep up-to-date with life-long learning.*

*Graduates will be able to develop solutions for problems using latest technologies and possess leadership, communication & teamwork skills in order to function effectively in their profession.*

*Graduates will apply the values of social, ethical & environmental issues in their work.*

## Students Internships

**29 Students of BE IV year** were offered **Internships** in various companies like Progress Software(4), CMC(4) , Merxius(2), CSC(5) and Mission R&D(5) etc..

## Placements

A total of 104 students of 4/4 CSE were offered placements by the eminent MNCs based in india and outside india in the placement drive conducted during July - 2013 to March 2014. More than 23 multinationals companies have offered placements with very attractive pay package. The MNCs visited college are Deloitte Consultancy, Netcracker Technologies, Tera Data corporation, Kony labs, Pega System, S&P Capital I Q, Oracle, Microsoft Pvt ltd.

## Students Achievements

- ✚ CSI-Student branch received 2 prestigious awards "Best Student Branch", "Highest Committed Student Branch Activist" M.Sainath Sarma, alumnus of 2012, working as Software Engineer in PEGA Systems received "Employee achievement award" and "PEGA Innovation award" for his best process framework.
- ✚ G.Sai Kiran Reddy, Aravind M, Rashmi K and Sandhya Rani K won online shopping vouchers worth Rs. 6000/- each in Appathon event conducted by Microsoft.
- ✚ James Ballari, Goli Varsha, Sai Kumar, Anil Kumar and Sneha received consolation prize in AppThon-2014 contest at Sate level organized by Wipro, Hyderabad.
- ✚ Sri Harsha, Chittaranjan and Navya of B.E. III year won the Second prize in Infosys Aspirations Programming Contest at Sate level organized by Infosys, Hyderabad
- ✚ Goli Varsha, III year student received International certificate "100% attendance from LKG to (B.Tech)" from WONDER Book of Records.
- ✚ James Ballari, Sai Madan Mohan, Deepak Irukula and Akhil Kumar of B.E. III year qualified in HackCon14 Online Programming Contest hosted by Microsoft India.
- ✚ A total of 131 students were certified as Microsoft Technology Associates.

- Divya Agarwal of 2/4 CSE student participated in roller Hockey organized by OU Velloodrum, Hyderabad held in the month of April,2014 and won silver medal.
- V.Manisha and B.Praveen Kumar ,of 3/4 CSE students participated in online Programming Contest conducted under CSFest 2014 organized in college on 4<sup>th</sup> January,2014 and won First Prize

## CSI Student Chapter

- A one day workshop on “**Ethical Hacking**” was delivered by Mr. Srinivas Kothapalli for the students of BE 1/4 CSE on 22nd Feb 2014 and speaker known as a Freelance Trainer at Innovians Technologies. The speaker has delivered many sessions on Ethical Hacking & Web Application Penetration Testing and served as Information Security Expert for few years.
- Department of Computer Science and Engineering organized an Inter College “**Online Programming Contest**” under CSI Student Chapter on 4<sup>th</sup> Jan , 2014 at CSE Labs , Ramanujan Block, VCE. The students of VCE were identified for 1<sup>st</sup> prize and students of Sreenidhi Institute of Science and Technology were identified for 2<sup>nd</sup> prize.



## I.E. Student Chapter

Department of Computer Science & Engineering organized Intra Departmental Technical Essay Writing Competition on “**Importance of Learning Engineering Ethics**” on Mar 6<sup>th</sup> , 2014 Under IE Student Chapter for the students of B.E 2/4,3/4,4/4 CSE. D. Ajay Student of 2/4 CSE – A won the First prize for expressing his views clearly keeping the subject in paces with broad thoughts about the subject. R. Adithya student of 2/4 CSE –B won the second prize for organizing the essay in an outstanding manner & following all the rules and regulation into consideration. S.K. Matheen student of 2/4 CSE -B won the third Prize for expressing the subject in simple and significant manner.



A Guest lecture on “Big Data” was delivered by Mr.D.Anil Kumar on Mar 29<sup>th</sup> , 2014 Under IE Student Chapter for the students of B.E 3/4 CSE in the seminar Hall, Ramanujan Block.



## Alumni Activities

- A Technical talk on “Java Certification “was delivered by Mr. Naveen Vemuri, alumnus of 2010 batch for the students of BE 2/4 CSE on 24<sup>th</sup> JAN,2014 and he is presently working as a Software Engineer with Pega Systems.
- Vinodhini Chandran & Priyanka Godala are the alumni of the batch 2013, and are currently working for Franklin Templeton as Associate Business Analyst. They have come to deliver a career guidance to the students on “The Importance of Engineering” for BE 1/ 4 CSE Students on 22nd April, 2014 in the seminar Hall.



A Career Guidance session on “Problem Solving Techniques” was delivered by Mr. Vikas Piddempally , 2011 CSE Alumnus for the students of B.E 1/4 CSE on 18 feb,2014. As per narrations of speaker it was concluded that CSE stream provides a way to many interesting platform in various technologies and provides numerous opportunities to Computer Science and Engineering Graduate to choose the technology as per their interest and excellence.

Mr. Nikhilesh Kumar Machapally, alumni of M.Tech CSE 2013 batch, currently working as Programmer Analyst Trainee with Cognizant Technology Services, Bangalore. The speaker have addressed the students of M.tech(CSE) on “**Thesis preparation**” which was organized on 07th May 2014, in CSE lab III.

## Guest lecturers/Seminar

A Seminar on “**Advances in Distributed Computing**” was delivered by Mr. Digambar Powar, a renowned Faculty of BITS Hyderabad on Mar 14<sup>th</sup> ,2013 for the student audiences of M.Tech (CSE).

A Guest Lecture on “**DATA MINING and its Applications in Industry**” was delivered by, Mr.Siddharth Jain, Senior Application Developer, Oracle India Private Limited on February 22<sup>nd</sup>, 2014 for the students of M.Tech (CSE) II-Sem& IV-Sem. The speaker demonstrated SQL MINER to solve some example problems such as analysis of IRIS data, Sales data etc.

- A Guest Lecture on “**Need for Data Management**” was delivered by Mr. Prasad Badiganti,Information Security Advisor,Tata Consultancy Services(TCS), Hyderabad on March 15th , 2014 for the students audiences of M.Tech (CSE) II-Sem .

- A Guest Lecture on “**The Big Data & its role in Cloud Computing**” was delivered by Mr. A. Nagaraju for the student of M.Tech(CSE). A Certified Project Management Professional and Microsoft Certified Technology Specialist with more than 19 years of diversified experience in the areas of Project/Program Management, Service Management, Education/Training and Information Technology in providing services for world class clients.



✚ A Guest Lecture on “**Information Security**” delivered by Mr. Rajkumar Rampalle for the students of M.Tech I & III sem on March 1st ,2014. Mr. Rajkumar is presently working as System Software Engineer for NVIDIA Graphics Pvt Ltd and he has more than 4 years of experience in development and testing. The traditional encryption algorithms used for user and message authentication were discussed , SHA and MD5 algorithms for message authentication were also discussed during the session.

## ACUMEN CSFest -2014

Acumen CS Fest took place on 4<sup>th</sup> January 2014 with 939 participations in total. About 40% of the total participations were from other colleges. The various events like Online Programming Contest, Online Treasure Hunt, Code hunt and Project expo which drew large participation. The other informal events such as Tech-o-take, Key Board Assembly, CPU Assembly, Logo design, Pick & Click 8-Queens, Game 'O' Mania, Temple Run were also conducted under CSFest-2014. These events also had good participation overall with a total of around 350 registrations.



The winners of all the events were given the appreciation/participation certificates and a cash award. The Acumen CSFest 2014 concluded the daylong fest and was a Tech day to cherish for all the students, organizers & volunteers.



## 3<sup>rd</sup> National Conference on emerging and innovative trends computer science and engineering (NCEITCS-2014)

Department of Computers Science & Engineering have organized 3<sup>rd</sup> **National Level Conference on Emerging & Innovative Trends in Computer Science** during April 1<sup>st</sup> – 2<sup>nd</sup>,2014 and the conference was open for Faculty Research Scholar, P.G Students, Industry Delegates. The 3<sup>rd</sup> national level conference was inaugurated by our beloved Chief Guest Mr. Ramesh Loganathan, VP (Products) & Center Head, Progress Software and he motivated our audiences & advised to take up research seriously and contribute their innovative ideas to the R & D in his speech.



Day -1 the key note address on “**Cloud Infrastructure and its Advantages**” was delivered by Mr. Ramesh Loganathan, which was truly an informative note, as it integrated with the fusion of current trends in cloud through corporate point of view. Day -2 The key note address on “**Big Data**” was delivered by Mr. Bhoopathi Rapolu, Practice Head – Analytics, Infotech Enterprises, the key note was truthfully interactive and informative. A total of 105 registrations were recorded under the 3<sup>rd</sup> national level conference for the event and 85 turned up for presentations.

## Paper publication/presented

### International conference

- ✚ Dr. T. Adilakshmi , HOD, CSE, Professor, M. Sunitha Reddy, Asst professor ,Dept. of CSE have presented a paper titled “**Music Recommendation System based on Matrix Factorization technique –SVD**” in the International Conference on Computer Communications and Informatics (ICCCI-14), Coimbatore held during 3<sup>rd</sup> – 5<sup>th</sup> January ,2014.
- ✚ Dr. Nagaratna P. Hegde Professor, Dept. of CSE has presented a paper titled “**Comprehensive Analysis of Object detection through Segmentation**” in the International conference on Signals and Image Processing ICSIP 2014, BNMIT Bangalore held in the month of January 2014, PP 166-170.

### National conference

- ✚ Dr. T. Adilakshmi, HOD, CSE, Professor, M.Sunitha Reddy, Asst professor ,Dept of CSE , V. Swathi have presented a paper titled “**A Novel Association Rule Mining and Clustering based Hybrid method for Music Recommendation system**” in the National Conference on Emerging & Innovative Trends in Computer Science( NCEIT- 2014) , Hyderabad held during 1<sup>st</sup> – 2<sup>nd</sup> ,April ,2014.
- ✚ C. Gireesh, Asst professor ,Dept of CSE & T. Saikanth have presented paper titled “**Design of Gaussian Spatial Filter to determine the amount of Refraction error in Human Eye**” in the National Conference on Emerging & Innovative Trends in Computer Science( NCEIT- 2014), Hyderabad held during 1<sup>st</sup> – 2<sup>nd</sup> ,April ,2014.
- ✚ V. Punna Rao, Asst professor ,Dept of CSE , Dr. T. Adilakshmi HOD, CSE, Professor & Anurag Pradhan have presented a paper titled “**Eye sight determination on Tablet based hand held device with image processing techniques that minimizes error with improved patient interaction**” National Conference on Emerging & Innovative Trends in Computer Science( NCEIT- 2014), Hyderabad, held during 1<sup>st</sup> – 2<sup>nd</sup> ,April ,2014.
- ✚ Dr. Nagaratna P Hegde, Professor,Dept. of CSE & Naseema have presented a paper titled “**Object of Interest shape Identification using Segmentation Method**” in the national Conference on Emerging & Innovative Trends in Computer Science( NCEIT- 2014), Hyderabad, held during 1<sup>st</sup> – 2<sup>nd</sup> ,April ,2014.

### International journal

- ✚ Dr. T. Adilakshmi, HOD, CSE, Professor, M.Sunitha Reddy, Asst professor ,Dept of CSE , V. Swathi have published a paper titled “**Session Aware Music Recommendation System with User-based and Item-based Collaborative Filtering Method**” in the International Journal of Computer Applications, in June 2014,Volume 96 Issue 24 pg no 22-27
- ✚ Dr. T. Adilakshmi, HOD, CSE, Professor, M.Sunitha Reddy, Asst professor ,Dept of CSE , V. Swathi have published a paper titled “**A Novel Association Rule Mining and Clustering based Hybrid method for Music Recommendation system**” in the International Journal of Research in Engineering and Technology in May 2014,Volume: 03 Special Issue: 05
- ✚ Geeta Pattun, Asst Professor ,Dept. of CSE, V.Sireesha Asst Professor ,Dept. of CSE have published a paper titled “**A Reaction Based Approach to Detect Black Hole Attack using Modified AODV Protocol in MANETS**” in the International Journal of Computer Networks and Wireless Communications (IJCNWC), February 2014 ISSN: 2250-3501, Volume.4, No1.
- ✚ S.Suba, Asst Professor ,Dept. of CSE has published a paper titled “**A Comparative study on Performance of HZR+ Trees on Query Processing**” in the International Journal of Computer Applications in February,2014.

- ✚ M.Srilatha, Asst Professor ,Dept. of CSE has published a paper titled **“A Dynamic Priority Self scheduling for Cross Cloud Computing”** in the International Journal of Computer Science and Information Technology in April 2014, Volume 2.
- ✚ S. Vinay Kumar, Asst Professor ,Dept. of CSE, M.S.V Sashi Kumar, Asst Professor ,Dept. of CSE have published a paper titled **“Color Selection Algorithm Design for Smart Lighting Application”** in the International Journal of Computer Science and Information Technology & Security (IJCSITS), February 2014 , ISSN: 2249-9555, Volume. 4, No.1
- ✚ R. Sateesh Kumar, Asst Professor ,Dept. of CSE ,Y. Anitha Asst Professor ,Dept. of CSE have published a paper titled **“An Efficient Approach for Assymetric Data Classification”** in the International Journal of Innovative Research in Advanced Engineering, June 2014, Volume 1 , Issue 5 pp 157-161.
- ✚ C. Gireesh, Asst Professor , Dept of CSE, T. Saikanth have published a paper titled **“Design of Gaussian Spatial Filter to determine the amount of Refraction error in Human Eye”** in the International Journal of Research in Engineering and Technology, May 2014,Volume: 03 Special Issue: 05.
- ✚ V. Punna Rao, Asst professor ,Dept of CSE,Dr. T. Adilakshmi, HOD, CSE, Professor, Anurag Pradhan have published a paper titled **“Eye sight determination on Tablet based hand held device with image processing techniques that minimizes error with improved patient interaction”** in the International Journal of Research in Engineering and Technology, May 2014 ,Volume: 03 Special Issue: 05.
- ✚ B. Syamala , Asst Professor ,Dept of CSE, G. Surekha have published a paper titled **“Evaluation of horizontal aggregation in SQL to prepare Data Sets in Data Mining “** in the International Journal of Computer Science information and Engineering Technologies April 2014,Volume: 1 Issue 4.
- ✚ Balaji. T, Asst Professor , Dept of CSE , Ch. Rajesh , Asst Professor , Dept of CSE have published a paper titled **“A Combat Approach to overcome Attacks in Different layers of Wireless Sensor Networks”** in the International Journal of Advanced Research in Computer Science, March 2014, Volume: 5 Special Issue 2.
- ✚ C. Gireesh , Asst Professor , Dept of CSE, Thakur Navneetha Singh have published a paper titled **“Region Map Generation of Eye Pupil Movements to Prescribe Customized Progressive”** in the International Journal of Technical Research and Applications, May-June 2014, Volume 2, Issue 3.

## Faculty Participation

- ✚ J.Sridhar Comp.Asst A.Devender Comp.Asst U.Lakshmi Manohar Comp.Asst have under gone 3 day program on Personality Development for VCE Non Teaching staff held during 24<sup>th</sup> -26<sup>th</sup> June ,2014
- ✚ B.Syamala, Asst prof,M.Srilatha,Asst prof have under gone 3-Day workshop on “ System on Chip Design using ARM” organized by Osmania University ,Hyderabad held during 23<sup>rd</sup> -25<sup>th</sup> June ,2014.
- ✚ B.Syamala,Asst Prof , M.Srilatha,Asst prof, MSV Sashi Kumar,Asst Prof, S.Suba,asst prof have under gone 4 day Basic Pedagogy Training on Objective and Outcome based Education System-Transforming Engineering Education to Match Global needs organized by in college campus during 15<sup>th</sup> -18th June ,2014.

- ✚ M.Sunitha Reddy, Asst prof R.Sateesh Kumar, Asst prof ,K.Jairam Naik, Asst prof S.Vinay Kumar, Asst prof, Geeta Pattun, Asst prof, C.Gireesh, Asst prof ,Basic Pedagogy Training on Objective and Outcome based Education System-Transforming Engineering Education to Match Global needs organized by in college campus during 13th -16th June ,2014.
- ✚ Dr. T. Adilakshmi,Professor and HOD ,CSE,Dr.Nagartna P.Hegde,Professor, V.Punna Rao ,Asst Prof ,T.Balaji, Asst Prof ,Y.Anitha,Asst prof, G.Hanumantha Rao Asst Prof have under gone 3 Day Pedagogy Workshop for Teaching faculty of VCE held during 12th – 14th june ,2014.
- ✚ Dr.Nagartna P.Hegde, Professor, Dept of CSE & M.Sunitha Reddy, Asst. Professor, Dept of CSE have attended “All India Seminar on latest trends in computer science and Engineering” Organized by Institute of Engineers Khairtabad, Hyderabad held on 25th March, 2014 & 26th May, 2014.
- ✚ Dr.Nagartna P.Hegde,Professor have attended a program on Academic – Industry Management(AIM) CELL for Creating Sustainable Employability organized by Birla science center, Hyderabad on 6th April,2014.
- ✚ Dr.Nagartna P.Hegde,Asst Prof, M.Sunitha Reddy , Asst Prof, R.Sateesh Kumar , Asst prof, V.Sireesha,asst Prof, S.Vinay Kumar,Asst Prof ,MSV Sashi Kumar,Asst Prof, have under gone One day Workshop on “PEOs and POs” organized in the college campus on 1st May ,2014.
- ✚ Dr T.Adilakshmi, Prof & HOD CSE Dept, have undergone Online Certification course in programming , Data structure & Algorithms on 25th February, 2014.
- ✚ Dr.Nagartna P.Hegde, Professor, Dept of CSE, has attended an Academic Leadership Program organized by IIM, Trichy held during 10th to 14th February, 2014.

## 2 day student training program

Department of Computer Science and Engineering have organized a Two Day Student Training Programme on “**Data Structures**” during Jan 30<sup>th</sup> – 1<sup>st</sup> Feb, 2014 for students of B.E. 2/4 CSE at VCE College Campus.Ms. Supriya Pathuri , Coign Edu & IT Services Ltd was invited to deliver the sessions for student training program(STP). Ms. Supriya Pathuri has 4 years of IT experience and presently working as Programmer Analyst. The objective of the SDP was to equip the students with skills in data structures and improve their employability skills.

## A Two Day Workshop on “HTML5”

A Two Day Workshop on introduction to “**HTML5**” was organized by Department of Computer Science and Engineering for the students of B.E. 2/4 CSE department during 2<sup>nd</sup> -3<sup>rd</sup> Jan, 2014 . **Mr. Vijay Kumar Project Lead at Coign Consultancy** was invited to conduct the sessions on HTML during the work shop. The basics of HTML have discussed and demonstration of Java Script has been done. JQuery and the Java Script Library for client side validations were also demonstrated.

As per the narrations of technical speaker JQuery is designed to simplify the client - side scripting of HTML. The workshop concluded with a note to the students to design a Webpage using HTML5 as part of their Mini Project by forming a team of 3 members.