



SMARTI

memory archives...





- **From the HOD's Desk**

- **Faculty Focus**
 - **OpenStack Workshop**
 - **Faculty Corner**
 - **MEC Workshop**

- **Students' Corner**
 - **Game and App Development Workshop**
 - **Hackathon**
 - **Ascendant Student Engagement Program- Winners Perspective**
 - **NLP Workshop**
 - **ISEC conference**
 - **ACM Annual Event**
 - **Alan Turing Quiz**
 - **Best Outgoing Student!**
 - **Beat Cancer!**
 - **Well Placed!**
 - **Well Played!**
 - **Students headed for higher studies**

From the HOD'S Desk



Dr. Chitra Babu

After an exciting semester, it feels good to take stock of the activities and achievements by our faculty as well as students. I would like to place my sincere appreciations to Dr. Prasad and Rajalakshmi for coordinating the UG NBA accreditation effort and for successfully uploading the completed report. During this semester, we had arranged a 2 day workshop on OpenStack Cloud Computing software along with IBM which benefitted the M.E students. I thank Suresh, Bala and Shahul for their efforts in organizing this workshop. We also actively engaged with a large number of our alumni who currently form a major chunk of the workforce in Ascendant Technologies. We shaped up the idea of conducting a 2 day joint workshop with our alumni cum Ascendant professionals on the various technologies related to web application development followed by a 24 hour hackathon after a week's gap. Contrary to our apprehensions, the student teams participated in this venture enthusiastically and coded throughout the night without batting an eyelid. This plus the fact that our III year student teams won the second, third as well as the consolation prizes made all of our efforts worthwhile. Special appreciation goes to Prabavathy, Priyadarshini and Sujaudeen who painstakingly took care of the logistics behind this event.

Another significant venture we connected ourselves with is the "Massively Empowered Classrooms" initiative that has been taken up by Microsoft Research Labs towards Blended Learning. Microsoft has piloted the course content for "Design and Analysis of Algorithms" course with the help of eminent persons in the computing field and has made it available free for all the college affiliated to Anna University. We arranged a workshop jointly with Microsoft to create awareness regarding this initiative among the teachers of various colleges so that they can effectively make use of this while teaching this course. Our second year students also have been actively encouraged to watch these lectures to supplement their classroom learning. It is heartwarming to see that some students have diligently submitted all the assignments and have obtained commendable scores. My sincere thanks to Prof. Milton, Bala and Kavitha for constantly motivating the II year students.

Following up on the interaction we had with Caterpillar, the technical team had conducted written test and interview, shortlisting 3M.E(CSE) students for pursuing internship projects. Apart from these ventures with industries, Prof. Milton along with Rajalakshmi and Senthilkumar conducted a workshop on the research area "Natural Language Processing".

Congratulations to the II year students Siddharth and Naveen who have made us proud by winning the second prize with a cash award of Rs. 10, 000 in the Alan Turing Computer Science quiz conducted by the Computer

Society of India. I also congratulate the II year students SamiyaNasim and MayankaPachaiappan who happen to be part of the team which has won the overall championship for the games in Women's category in TIES 2014.

Let us aspire to surpass ourselves in the coming academic year by setting inspiring goals.

-Dr.Chitra Babu

OPENSTACK WORKSHOP

A workshop was conducted on OpenStack by the Department of Computer Science and Engineering in collaboration with IBM for the students of B.E CSE and M.E Software Engineering on February 14th and 15th. The first day of the workshop was devoted to theory and the second day to hands-on practice.

Topics covered in the workshop were cloud , virtualization , OpenStack , Power7processor and PowerVM. The workshop started with an introduction about cloud by Mr.Pradeep Suryshetty. We were given explanation about types of cloud and deployment models. He further discussed about the advantage and importance of cloud.

Then the discussion progressed towards virtualization. The types of virtualization and their advantages and disadvantages were discussed. We were explained about the challenges in implementing the virtualization interms of cpu , memory and i/o and how they rectified. The roles played by hardware v-tx and extended page tbles in overcoming the cpu and memory virtualization were explained. The roles played by qmeu , v-host and kvm in overcoming i/o virtualization were explained.

Mr. Muthu Muthaiah started the presentation about openstack which is the operating system used for cloud. It bridges virtualized machine and cloud providing infrastructure as a service. It is written in python. He took us through each characteristics like scalability ,elasticity elaborately. He then gave detailed description about each of the openstack components nova, cinder, neutron, glance, keystone,swift, heat and their characteristics. He then explained the working of the openstack with a architectural diagram after the lunch break.

Then Mr.Suryshetty took over and gave a presentation on the POWER7 processor which is a superscalar symmetric multiprocessor that is available with 4, 6, or 8 physical cores per microchip, in a 1to 32-way design developed by IBM. Then he gave an overview of Power VM which provides virtualization management of openstack and used in POWER7 servers. An explanation about its characteristics were given.

On the next day of the workshop we were given an hands on practice in implementing virtualization on fedora 20 operating system. We successfully implemented virtualization in the terminals provide to us. A description of the commands used in the virtualization were given. Mr. Suryshetty then answered the questions asked by the students. Then we tried to connect to smart cloud using devstack. Finally we were given a demo on how openstack works.

-Shahul Hamead . Asst.Professor . CSE



Mr.Pradeep Surisetty during the workshop



**Mr Muthu Muthiah from IBM India,
interacting with the students**



Prof . David West delivering a lecture on Design Thinking for Software Development

- **Mr. V. Balasubramanian, Ms.S. Kavitha** attended a workshop on 17th feb on Blended learning via Massively Empowered Classrooms for DAA course as per Anna University curriculum, organized by Microsoft Research in association with SSN College of Engineering at Hotel Rain Tree, Chennai.
- **Dr. Chitra babu** attended a pre-conference tutorial on "Big Data Analytics using Storm and Spark" at **IIT Madras**.
- **Dr. Chitra Babu** attended the 7th India Software Engineering Conference(ISEC) 2014 organized by ACM SIGSOFT at **IIT Madras**. *She was a session chair for one of the paper presenting sessions. She was also a Program committee member for ISEC 2014.*
- **Mr. S. Senthil Velan** attended the Board of Studies Meeting at **Sri Chandrasekara Saraswathi Vishwamahavidyala University** to frame the Regulations and Syllabus of B.Sc.(Computer Science), BCA, MCA and MCA(Five-year Integrated course).
- **Ms.S.V.Jansi Rani** attended the National Workshop on Network Simulator(NS2) during Feb20-21,2014 at **VIT University**.
- Technical team from **Caterpillar** visited along with their General Manager Caterpillar Electronics global Department,Siamak Mirhakimi and the Lead HR Manager Mary Theresa Seely. Dr. Chitra Babu gave a presentation to them giving a overview of the earlier industry institute interactions of the department. Three teams of students presented their project work related to cloud and SOA security. Caterpillar team was very much impressed with the department as well as its students.
Technical team from Caterpillar visited our department to conduct written test and interview for the selection of interns on 12th March 2014. Three of our PG students **Kalyani S, Indu Joseph, Kavitharani R, have been selected for doing internship with Caterpillar.**
- **Prof. David West**, Independent Consultant, Retired professor from New Mexico Highlands University, USA delivered a lecture on Design Thinking for Software Development. The audience were ME(CSE) and ME(SE) and BE III year students.
- **Dr. R. S. Milton and Dr. T. T. Mirnalinee** along with a group of 4 members from ECE department have visited the facilities of CVRDE, Avadi for possible research collaboration.

- **Ms. R. Kanchana** organized the following guest lectures :
 - 1) On Open Source Visualization - 3D Graphics and Animation for BE III year students. The speaker was **Mr. G. Venkatesh Babu**, Director, Sigma, Chennai.
 - 2) On, 24th and 28th March, **Dr. Madhavan Mukund**, Professor and Dean of Studies, CMI, Chennai delivered lectures on "NP Complete and NP-Hard Problems". The audience were ME (CSE) I year and BE (CSE) II year students.
- **Ms. R. Kanchana** published the following research paper and it is indexed in IEEE Xplore Digital library. Sundar, S Shyam, Kanchana, R, "Handling concurrency control problem in web service compositions," In proceedings of Fourth International Conference on Computing, Communications and Networking Technologies She also published a research paper "Deriving Reliable Compositions using Cancelable Web Services and it is indexed in ACM digital library .
- **Ms. V.S. Felix Enigo** has attended a one day workshop on "Android Application for Sensor Cloud" conducted by AU-KBC, MIT, Anna University.
- **G. Raghuraman** attended Two Day Seminar on "INTERNET OF THINGS : The Future World will be", during Feb 28 – Mar 1, 2014 conducted by Department of CSE, Mepco Schlenk Engineering College, Sivakasi.
- **Dr. T. T. Mirnalinee** has attended four day Faculty Development Program on SPSS from 5th to 8th March conducted by IBM organised by SASE.
- **R. S. Milton** gave a lecture on Reinforcement Learning to the Trainee Scientific Officers and Research Scholars of IGCAR, Kalpakkam
- **R. S. Milton** delivered an address in the International Conference on Applications of Mathematics in Modern Technology conducted by the Department of Mathematics, Queen Mary's College (Autonomous), Chennai



Mr.G.Venkatesh Babu delivering a lecture on 3D graphics and animation

Dr.Puneet Bhateja , Assistant Professor Dhirubhai Ambani Institute of Information and Communication Technology , Gandhinagar , delivered a lecture on Formal Methods for Automatic Test Case Generation. The audience were ME(CSE) and ME(SE) students.

MEC Workshop

Samsung launches the S5 as war with Apple rages on



The bitter war which has been waged ever since Samsung launched the successful Galaxy series of smart phones to take on the iPhone has been closely followed in the tech world with comparisons being drawn to the famous Cola Wars between Pepsi and Coca Cola for the domination of the beverage space in the 90's. Even as long-winding patent battles are being fought in court rooms across the globe, both the biggies have been coming out with regular upgrades to their phones. And the latest in that line is the Galaxy S5 from Samsung. The Samsung Galaxy S5 can be defined by one word: evolution. The camera has evolved to give clearer, faster snaps. The fitness-tracking abilities of the S5 are enhanced over the Galaxy S4 by packing in a more powerful S Health app and a dedicated heart rate monitor on the rear. A fingerprint scanner adds to the most secure Galaxy phone ever made. The battery is larger, the screen bigger and brighter, the processor quicker and the design altered. It remains to be seen how well the phone will be received in developing markets which contribute to the bulk of Galaxy's sales.

Microsoft Research, in association with Department of Computer Science and Engineering, SSN college of Engineering Chennai, conducted a one day Workshop on Blended learning in the context of Design and Analysis of Algorithms course with the Anna University Curriculum.

This workshop brought together experts from Academia and Industry to discuss the use of technology in teaching this subject more effectively. The workshop covered key aspects of the Algorithms course. The Speakers at the event are Dr. Madhavan Mukund (Professor & Dean of Studies, CMI) and Dr. Viraj Kumar (Professor, PESIT Bangalore). The event was held at The Raintree Hotel, Anna Salai, on 17 February 2014 from 9.30 A.M to 4.30 P.M. The event was coordinated by Dr. Chitra Babu, and attended by Dr. R.S. Milton, Mr. V. Balasubramanian and Ms. S. Kavitha from SSN.



The staff at the workshop

Game and App development using Corona Engine

The **CSI** (Computer Society of India) **Student chapter** of **SSN College of Engineering** organized a one day workshop titled “**Game and App Development using Corona Engine**” on March 21st, 2014 from 10 am to 5 pm. It was conducted by Satheesh Kumar, an SSN Alumnus, 2011 passed out batch and Sri Prasanth, SMIT, 2011 passed out batch. They started a startup company named Time Plus Q Technologies Pvt. Ltd. after completing their under graduation. It is a gaming startup based in Bangalore and Estonia in Europe. They Specialize in developing real-time Multiplayer games for smartphones and tablets.

Dr A Chamundeswari, the faculty in charge of the CSI Student Chapter, coordinated the workshop. Three members of the CSE Student Chapter, *C Hariharan*, M.E. CSE 2nd year, *S Venkatraghavan*, B.E. CSE 3rd year and *Divya Selvarasu*, B.E. CSE 3rd year organized the workshop.

Around 50 students from B.E. CSE, B.E. BME, B.E. ECE, M.E. CSE and MCA participated in the workshop. The workshop was held in 3 sessions. *Session 1* (10.15 am to 12.15 pm) was on **Introduction to Lua Programming Language** which forms the base for game programming in Corona Engine. After breaking for lunch at 12.15 pm, *session 2* (1 pm to 3 pm) was held on **Introduction to Corona SDK**. Basics on how to use the Lua Programming Language to program primitive game features in Corona Simulator was taught during this session. After a short break, *session 3* (3.15 pm to 5 pm) was a **live hands on project**. The participating students were made to use the Lua language and Corona SDK to build a game named, “Angry Flappy Birds”, a combo of Angry birds and Flappy birds. It was a fun filled and lively session, wherein students learnt to really program a game.

The students provided positive feedback on the workshop. It was appreciated that good hands on training was provided which enabled the students to practically understand the working of Corona SDK rather than a boring lecture. The workshop ended at 5 pm that day with the distribution of certificates for participation.

S.Venkatraghavan, B.E. CSE, 3rd year



The organizing team with the Mr.Satheesh Kumar and Mr.Sri Prasanth



Mr.Satheesh Kumar conducting the workshop

Hackathon



The workshop was interactive with the students



The Ascendant staff conducting the workshop

Alumni of the CSE and IT departments took an opportunity to extend their gratitude for what they have received! A group of dedicated ten from ASCENDANT TECHNOLOGY, wanting the event to be intensive and of high standards, provided all the fundamental requisites a week earlier. All the arrangements were made accordingly by both students and the faculty.

On the 28th of February, a good number of seats were occupied by students belonging to the departments of CSE, IT and MCA. Around 10.00 AM, a concise introduction was followed by various sessions one after the other. The workshop mainly concentrated on the basics of Web Technology. Lectures were given on HTML, HTTP, DATABASE AND SQL and CORE JAVA.

The following day, seminars were on JAVASCRIPT, SERVLETS AND JSP, CSS and the MVC architecture. A brief explanation was also given on the emerging technologies, HTML5 and CSS3. The workshop was made all comprehensive with the help of HANDS-ON sessions that took place simultaneously. Students were kept engaged by making them answer to goodie questions.

The workshop was held for students to prepare themselves for the bigger event, "THE 24 HOUR HACKATHON". It all went with the team providing the participants a week's time to prepare themselves vigorously. The topics were posted and notified two days prior to the contest.

On March 8, around 1 PM, the participants of HACKATHON guided by the staff and the organizing team were allocated places in the laboratories of the departments of CSE and IT. With all set, the students began implementing their ideas on the project. Throughout the night, the participants felt comfortable with the convincing ambience and continued to develop their application. Thanks to the EB department of SSN for uninterrupted power supply!

Finally, when the stars disappeared giving way to the sun, the participants became even more active as they were nearing the deadline. Around 12.00 PM a final review of all the work was done and noted down by the team. After a sumptuous meal, the entire group assembled at the mini- auditorium. Around 2.30 PM prizes were given away for the best applications. The event ended well with Dr Chitra Babu, HOD-CSE expressing her views on the well-conducted event.

We, the students of THIRD YEAR CSE, would like to thank our HOD, the staff Mrs.Prabavathy and Mrs.Felix Enigo and the others who let us experience such an informative and thought-provoking journey.

V.Vidyaa Bharathi

Ascendant Student Engagement Program – Winners Perspective

The department of CSE, IT and MCA jointly organized a workshop in collaboration with Ascendant/Avnet Technologies during Feb'28th and March 1st for Pre-final year students of CSE, IT and MCA. Following this workshop 24- hours Hackathon (Application Development) was conducted during 8th and 9th March, 2014. Resource persons were our alumni students (CSE, IT and MCA) from Ascendant/Avnet Technologies.

Dr.Chitra Babu ,HOD,CSE Dept ,Ms. B. Prabavathy, Ms. R. Priyadharsini, Ms. N. Sujaudeen organized this student engagement program.

Over 241 students participated in the Workshop and 160 students in Hackathon. Our students participated in the event enthusiastically. They involved themselves in their project development continuously with utmost interest.

We had almost 12 resource persons from Ascendant Technology with us throughout 24 hours for evaluating our students during Hackathon. Following are the teams that won the prizes.

1ST PRIZE - Nandan and Lakshman - IT Dept

Prize: Samsung Galaxy Tab 3 worth – 10,999/- (each)

2nd PRIZE – Arunvel Sriram S and Chirag N Shah - CSE Dept

Prize: Seagate 1TB HardDisk worth - 7499/- (each)

Philips MP3 HeadPhones worth - 1499/- (each)

3rd PRIZE - V Anandh and S Balachandar - CSE Dept

Prize: JBL Creature III Speakers worth – 5000/- (each)

There was also consolation prize for R Seshan and C G Venugopal of CSE Dept.

Ascendant Technology people distributed the prizes and certificates for the winners and our HOD madam felicitated the Hackathon event.



Winners with Ascendant Professionals

Arunvel S

NLP Workshop



Dr.R.S.Milton delivering a lecture on Information Extraction Techniques

The 2nd Workshop on Natural Language Processing” was organized by Department of Computer Science and Engineering, SSN College of Engineering on March 19, 2014. Dr. R. S. Milton, Mr. B. Senthil Kumar and Ms. S. Rajalakshmi were the coordinators for this workshop. The Theme of this workshop was “Information Extraction”. Information Extraction (IE) aims at automatically extracting structured information from unstructured and/or semi-structured machine-readable documents. The field of information extraction has its origin in the natural language processing tasks such as the recognition of named entities like people names and organization from news articles. The present significance of IE pertains to the growing amount of information available in unstructured documents in the web.

The day starts with the first session on “Information Extraction Techniques – Overview” by Dr. R. S. Milton, followed by the session on “Statistical IE using HMM and CRF techniques” by Mr.Sudarsun, IIT-Madras. Afternoon session was handled by Dr.Ranjani Parthasarathy, Anna University –CEG on the topic “Semantic Search”.

Around 25 faculty and students from various engineering colleges attended this workshop and benefitted.

India Software Engineering Conference (ISEC)

The 7th ISEC 14 Conference was held at IITM during 19-21 February. On Day 1, there were two tutorials- the first tutorial by Murali Sitaraman and Bruce Weide on Verified Software Components which focused on a automatically converting software specifications of components into code, by means of constructing verification conditions which exhaustively cover all possible independent paths in the code, and check the correctness of the code.

The second tutorial was on Big data analytics by Vijay Srinivas Agneeswaran focused on an in depth comparison of Hadoop framework, Storm , Spark and GraphLab.

Day 2 began with a talk by Prof Don Batory on Relativistic refactoring and the ongoing research in refactoring tools , especially Eclipse IDE, where many flaws were discovered. The rest of the day were about various papers .

Day 3 began with a talk by Harrick Vin on re-imagining IT operations and the changes in the software ecosystem. Several papers were presented through the rest of the day.

The conference gave us an opportunity to interact with researchers and gain insight into various trends in software engineering and also to get to know the industry expectations.

Tephilla Prince

Preethi.R

Revathi.S

I ME SE

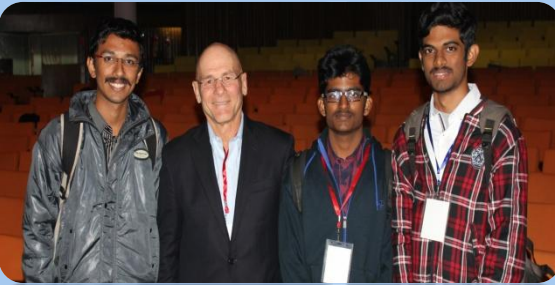
HP to launch Android laptop?



HP is joining Lenovo in the strange world of Android laptops. The company hasn't yet officially announced the SlateBook 14, but it briefly appeared on HP's website — complete with a video outlining the device's key features and specs. Most importantly, the SlateBook has full access to Google Play, so any apps you've already purchased and downloaded on a smartphone or tablet should work here. HP says the SlateBook 14 boosts Android's productivity thanks to its 14-inch 1080p display and full-size keyboard. The laptop also includes Beats technology, which should help it pump out loud, powerful, and likely bass-heavy audio. HP has built in 2GB of RAM and 16GB of internal storage. The price and release date have not been announced yet .

ACM Annual Event 2014

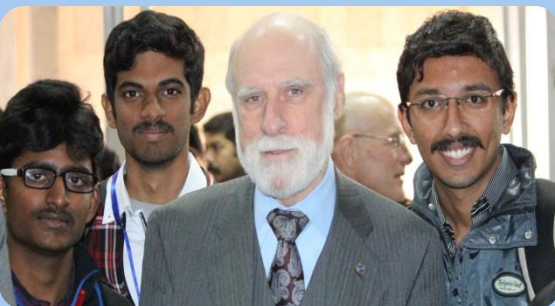
ACM Annual Event 2014 was organized by ACM India this time in IIIT-Delhi, this event spanned over three days from 14th to 16th February. Representing our college's ACM student Chapter, a group of three members: Satish P, Srinivas Bharathwaj R and Vishal Ramaswamy C.V attended this event at IIT-Delhi. We were not lucky enough to attend the first day which was about "Role of Women" in computing which included technical talks from Radia Perlman (Inventor of Spanning Tree Protocol), Laura Haas, Ritu Anand and many other speakers on various topics like Protocols, Plexiglass, Big Data, etc.



Vishal Ramaswamy, **David Patterson**, Srinivas Bharathwaj and Satish (Form L to R)

The second day was the "Main Event" that included great talks from living legends in the field of Computer Science that included Vinton "Vint" Cerf (One of Fathers of the Internet and Vice President and Chief Internet Evangelist for Google), Radia Perlman, David Patterson (known for his projects on Reduced Instruction Set Computers (RISC), Redundant Array of Inexpensive Disks (RAID), and Networks of Workstations (NOW)), Shafi Goldwasser (RSA Professor of Electrical Engineering and Computer Science in MIT), John White (ACM Executive Director and CEO), Ramesh Gopinath (Director of IBM Research, India (IRL)) and many other great speakers. Their talks covered various topics that included "Cryptographic Lens", "Myths about MOOCs and Software Engineering Education", "Recent Technical Advances in IBM's Jeopardy! winning IBM Watson System", "Myths, Missteps, and Mysteries in Network Protocols". Apart from these talks it also included Award Presentation for the Best ACM Student Chapter Award that was won this time by BITS, Pilani's ACM Student chapter and that day also included an interactive quizzing session. The best part was we got opportunities to talk to Vint Cerf, David Patterson and Radia Perlman that was really inspiring and we took some pictures with the legends.

The third day was the "Research Scholar Event" that included a plenary talk from Vint Cerf on "Two Big Problems: Bit Rot and the Insecurity of the Internet of Things" and Student Talks given by research scholars from IIT's, IIIT's and IISc's and was very interesting finally that day included a Poster Session from nearly 30 research scholars from all over India. The best part of this whole event was that we made great friends from all over India and gained immense exposure. We would like to thank our HOD, Dr. Chitra Babu and our class in-charge Mr. Balasubramanian.V for encouraging us to participate in this great event.



Vishal Ramaswamy, **Vint Cerf**, Satish and Srinivas Bharathwaj (R to L)

ALAN TURING QUIZ

To commemorate his contribution to Computer Science, CSI had initiated a Quiz competition in his name. And thus was held the first National Alan Turing Quiz in the year 2013. The second edition of this quiz was held this year.

My friend and classmate, Naveen H and I decided to take part in the quiz. This was a team event consisting of 2 CSI student members per team. There were around 800 teams from across the country and two rounds of online competition were conducted to arrive at the 6 teams to take part in the finals. The online stages required us to answer a set of questions within a time period of one hour. The questions in the two online stages were based on a wide array of topics including Networking, C and Java programming, algorithms, Alan Turing's life and data structures. We were excited when we received a mail from CSI informing us that we had qualified for the national finals.

The national finals were held at Dr.MGR University, Maduravoyal, Chennai on 29th March, 2014. The quiz master was Mr. H.R.Mohan, Vice President & President Elect of CSI. There were three outstanding teams amongst the finalists. After a rather placid first round where there were arbitrary questions about the history and functioning of the CSI, the competition really picked up from the next round. With a set of interesting questions including audio-visual ones which tested our knowledge about current happenings in Computer Science apart from the work of Alan Turing, the Quiz was pure delight. By the end of the fifth round, we were leading by a margin of 20 points. However, a dismal performance in the final Rapid Fire round meant that we missed the first place by a narrow margin of five points. Sivasubramaniyam and Mukesh M of RMK Engineering College emerged the winners.

We were presented with trophies and a cash prize during the felicitation ceremony. All in all, it was a good learning experience.

Naveen H

Siddharth S

Congrats Naveen & Siddharth for securing the second place in Alan Turing Quiz

Computers running on XPs run risk of turning into 'zombie' terminals

The Internet Explorer bug, disclosed over the weekend, is the first high-profile computer threat to emerge since Microsoft stopped providing security updates for Windows XP earlier this month. That means PCs running the 13-year-old operating system will remain unprotected, even after Microsoft releases updates to defend against it. Until Microsoft does fix the flaw, versions 6 to 11 of Internet Explorer remain vulnerable across all operating systems.

The Department of Homeland Security's US Computer Emergency Readiness Team said in an advisory that the vulnerability could lead to "the complete compromise" of an affected system.

This means that malicious hackers can gain remote access to your computer through the bug. The governments of the U.S. and U.K. have already advised citizens not to use Internet Explorer.

Best Outgoing Student!!

Finally, it all ends here.

Four years of hard work, perseverance, fun, friendships and what not. I take away experiences and memories worth a lifetime.

When I entered into this department three years back, there was a lot of hype surrounding it. Not exactly the kind of hype that would make one look forward to joining it. The first few months lived up to the hype. When I think about it now, I feel that this is what makes us different from the other departments. I might even go as far as to say that it makes us different from other colleges. The labs, the exams, the seminars, the theory sessions, our symposium; I have learnt a lot. That is something that no one can take away from me. There are no shortcuts; no one has an easy ride. A priceless ride nevertheless.

The entire experience has been bitter-sweet. Fortunately, it has been more on the sweeter side. I'd like to attribute this to the teachers. They have helped better each and every student in every possible way they know. Additionally, as the representative of my class for the past two years, I have established relationships with a few teachers that extended beyond the four walls of the class room. I'll cherish these memories. I hope they do too. I would be failing in my duty as a student if I don't thank them profusely for, well, everything.

I've had the pleasure of working with a lot of my fellow students for Instincts, Paradigm, intra-college cultural events and the like. I've made a lot of friends in the process, both within and outside the department. Some of them have been a part of my ups and downs, supported me through it all. Friends for life indeed. I hope they echo my sentiments when I say that the last couple of semesters brought us all more close to each other than the first six semesters combined did, which makes it even more difficult to bid goodbye. I wish that the culmination of our college lives doesn't mean the culmination of our friendships.

Lastly, I'm grateful to the department for choosing me as the "Best Outgoing Student of CSE". The fact that the department thinks that I am worthy of the award makes me both proud and humble at the same time. I leave the college not only as a better student, but also as a better individual.

On behalf of all my batch mates, I would like to wish my juniors the very best of luck in everything they choose to do. Make every moment count.

Finally, it all ends here.

-- Rahul Sridhar



Rahul Sridhar , IV year, CSE

BEAT CANCER !!

AFTER YEARS OF TELLING PEOPLE CHEMOTHERAPY IS THE ONLY WAY TO TRY AND ELIMINATE CANCER, JOHNS HOPKINS IS FINALLY STARTING TO TELL YOU THERE IS AN ALTERNATIVE WAY...

1. Every person has cancer cells in the body. These cancer cells do not show up in the standard tests until they have multiplied to a few billion. When doctors tell cancer patients that there are no more cancer cells in their bodies after treatment, it just means the tests are unable to detect the cancer cells because they have not reached the detectable size.

2. Chemotherapy involves poisoning the rapidly-growing cancer cells and also destroys rapidly-growing healthy cells in the bone marrow, gastro-intestinal tract etc, and can cause organ damage, like liver, kidneys, heart, lungs etc.

3. Initial treatment with chemotherapy and radiation will often reduce tumor size. However prolonged use of chemotherapy and radiation do not result in more tumor destruction.

4. However, An effective way to battle cancer is to STARVE the cancer cells by not feeding it with foods it needs to multiple. What cancer cells feed on:

a. Sugar is a cancer-feeder. By cutting off sugar it cuts off one important food supply to the cancer cells. Note: Sugar substitutes like NutraSweet, Equal, Spoonful, etc are made with Aspartame and it is harmful. A better natural substitute would be Manuka honey or molasses but only in very small amounts. Table salt has a chemical added to make it white in colour. Better alternative is Bragg's aminos or sea salt.

b. Milk causes the body to produce mucus, especially in the gastro-intestinal tract. Cancer feeds on mucus. By cutting off milk and substituting with unsweetened soy milk, cancer cells will starve.

c. Cancer cells thrive in an acid environment. A meat-based diet is acidic and it is best to eat fish, and a little chicken rather than beef or pork. Meat also contains livestock antibiotics, growth hormones and parasites, which are all harmful, especially to people with cancer.

d. A diet made of 80% fresh vegetables and juice, whole grains, seeds, nuts and a little fruits help put the body into an alkaline environment. About 20% can be from cooked food including beans. Fresh vegetable juices provide live enzymes that are easily absorbed and reach down to cellular levels within 15 minutes to nourish and enhance growth of healthy cells.

To obtain live enzymes for building healthy cells try and drink fresh vegetable juice (most vegetables including bean sprouts) and eat some raw vegetables 2 or 3 times a day. Enzymes are destroyed at temperatures of 104 degrees F (40 degrees C).

e. Avoid coffee, tea, and chocolate, which have high caffeine. Green tea is a better alternative and has cancer-fighting properties. Water—best to drink purified water, or filtered, to avoid known toxins and heavy metals in tap water. Distilled water is acidic, avoid it.

- John Hopkins

WELL PLACED!

<u>Name of Company</u>	<u>Salary per annum (in lakhs)</u>	<u>B.E</u>
Sonata Software India Ltd	3.00	1
Visteon Technical & Services Centre	5.00	1
Computer Science Corporation	3.25	1

The figures mentioned are in addition to the placement statistics published in the previous edition of the newsletter and reflect placement activities from the month of February to April

WELL PLAYED!

- Mayanka.P of 2nd year was a part of the Women Basketball team that secured the Winners position at the GECFEST-2014 organized by Gudlavalleru Engineering College, Vijayawada.
- She was also part of the team that came up runners in the TIES-2014 organised by Kongunadu Engineering College, Thottiyam.
- Nitin.S of 4th year has participated in the National chess championship held at Kanpur.
- Varadharajan.V of 4th year was a part of our College Cricket team that won the winner's trophy in the A.C. Muttiah Rolling trophy (consecutively 5th year) organized by Sri Venkateswara Engineering College.
- Angu Selvi of M.E Software engineering secured 1st place in Sirukathai competition.
- Benazeer Fathima of M.E Software engineering emerged the winner in Tug Of War competition.
- Lakshmi Priya of M.E Software engineering emerged the winner in VolleyBall and MarchPast.

Students headed abroad for Higher Studies

NAME	UNIVERSITY
Abhishek Kataria	Rutgers, The State University of New Jersey
Adithya Seshadri	North Carolina State University
Anantha Nithya	Georgia Institute of Technology
Aravind Ram	University of Illinois, Chicago
Goutham	North Carolina State University
Gowrishankar	Arizona State University
Anirudh	GVG MS-IT, SSN CMU
Harshinee	VC Indiana University, Bloomington
Mahati Kumar	University of California, Los Angeles
Malini Priya GR	Pennsylvania State University
Manasvini S	Georgia Institute of Technology
Prem Nishanth	University of California, Irvine
Shiv kanth	University of Texas, Arlington
Rithi Ramji	University of Florida
Mounika	Syracuse University

THE TEAM!

Staff In-charge

B. Bharathi

N. Sujaudeen

K.Lekshmi

K. Madheswari

Editorial

Akshaya Bhat

Kalaimathi Renganathan

Karthik Ezhilvannan

Ramya Sriraman

Vidyaa Bharathi

Design

Anandh Varadarajan

Aravinda Krishna

Gadget news

Pravish Sainath

Siddarth.N

Photography

Nikita Balakrishnan