



CSI Connect

A tri annual newsletter of
CSI Student Branch
Aishwarya Institute of Management & IT
Udaipur



Issue : 3

September 2012 - December 2012

1st CSI Rajasthan State Student Convention

The First CSI Rajasthan State Student Convention was organized by Aishwarya CSI Student Branch, in collaboration with CSI Udaipur Chapter on 2012 on "Sustaining Developments in Information and Communication Technology" during 7-8 September 2012.

In this competitive scenario the aim of such an event was to bring out the best in students to nurture their talent to bring out their within capability and from them to produce the future masters of computer proficiency, artists, painters etc. Apart from the academic excellence, the motive behind the function is the overall development of the students. Educating and character building of youth calls for a high degree of responsibility and the prime concern is at achieving and grooming the interpersonal and the societal skills of the students.

Around 300 students from various parts of Rajasthan actively participated in the event.

Chief guest Mr. S Ramanathan (Hon secretary, computer Society of India), Guest of Honour Dr. Rajveer Shekhawat (Regional Student

Coordinator). Prof. K Venugopalan (Dean PG studies M.L Sukhadia University), Mr. M.L. Talesara (Chairman CSI ,Udaipur Chapter), Dr. Seema Singh(Chairperson and Managing Director, Aishwarya Education society) showed their benign presence on the occasion of Inaugural ceremony.

Key note address on "Ethical Practices in ICT" was delivered by Prof. K Venugopalan. During his speech he stated various examples to make the audience understand the ethical practices in information and communication world in a very effective manner.

This was followed by "Poster designing contest" on the theme "Cyber Age" where the students participated with great zeal depicting their enormous talent. Different varieties of posters were presented by the participants on Information and communication technology. Best Poster award was won by Lalit Solanki from Aishwarya P G College Udaipur.

This was followed by "Paper presentation" where various slides were shown regarding to this technology making the people think about it in and out in this technological advanced environment. In a time span of only 7 minutes students had generated

Patron

Dr. Seema Singh

Chairperson & Managing Director
Aishwarya Education Society

Editor

Dr. Archana Golwalkar

(Director, AIM & IT)

Student Members

Aamir Sanwari

(MCA)

Meenakshi Rao

(MCA)

Ritesh Chouhan

(MCA)

Suman

(MCA)

IMPORTANT LINKS

www.aishwaryacollege.org

www.rtu.ac.in

www.csi-india.org

www.ekalavya.it.iitb.ac.in

www.nbrc.ac.in/library/free_ebooks.htm

www.delnet.nic.in

interest and curiosity in the minds of the listeners. The session was Chaired by Dr Ridhima Khamesara, Dr B K Sharma and Mr Mazhar Hussain. Best paper was awarded to Koushik Chatterjee pursuing M. Tech from PIE, PU, Udaipur.

After this "quiz on ICT" was conducted by the Quiz Masters Dr Azimuddin Khan and Dr. Archana Gowalkar in which brain storming questions were asked to appreciate and reward the talented participants. Winner team was

from Arya College of Engg. & IT, Jaipur, Sudeep Jain and Tushar Mehrotra

Finally the day was ended with "Cultural events" in which participants enthusiastically displayed their talent by performing Mimicry and Mono acting, Comedy Skit, Group Song and Group Dance and enjoyed the evening.

Day2 (8th Sept) started with a Workshop on "Information Security using FOSS" where the expert Mr Prince Boonlia enlightened the participants on unique parameters on Concepts in Information security, Vmware and GNS3 for creating virtual lab, Nmap with the basics of scripting for automation, Metasploit framework for executing the exploit and using payload to gain access and developments in infosec.

After that "Project Presentation Competition" was organized where participants express and shared their views about the respective subject with so much of confidence and energy. Students linked the

project with the presentation and used the presentation as means of communication showing various processes which involve Initiation, Planning, execution, and testing. The event was judged by Mr Rajesh Dadhich and Mr Sanjeev Agarwal. Best presentation award winners were Milind Phathak and Hitesh Caba from Arya College of Engg. & IT, Jaipur.

Then "Career Guidance Session" was there to make the students realize their aims and ambitions in life and how to work in line to achieve their goals. The right path was shown to make them more successful in their career and to nurture their talent in a better way by Mr Anomitra Das (Regional Head HR, TCS). Depicting career planning and development, the expert pointed out that "Experience has to be respected, not the age". The session was highly interactive; students queried keenly and were counseled on choosing career according to the capabilities, considering Key Factors aligned to industry requirement touching sensitive issues significant for students.

"Valedictory Programme" conveyed the report of the two day convention presented by Mr. Mazhar Hussian (Hon. Secretary, CSI Udaipur Chapter), sending off message to the members and to also inspire students to embark on an stimulating quest for sustaining developments in ICT. The speech by the Chief Guest Hon'ble VC, Prof. IV Trivedi, M L Sukhadia University, was very motivational and inspirational which touched the hearts and minds of the participants. The Address of Dr Azimuddin Khan (Guest of honour) marked the three areas relevant to the participants in the field of ICT as Programming Concepts, Databases and networks. In his address Dr R S Shekhawat (RSC, Reg III) encouraged the spread of CSI Student Branches in the state of Rajasthan, motivated for active participation of Student members on State, regional and national level. The vote of thanks was given away by Ritesh Chouhan (President Aishwarya CSI Student Branch, AIM & IT) and the entire event was coordinated by Dr Archana Golwalkar.



(Left to Right: Mr Mazhar Hussain, Prof. K Venugopalan, Dr Seema Singh, Mr S Ramanathan, Dr Rajveer S Shekhawat, Mr M L Talesara, Dr Archana Golwalkar) Release of Souvenir

National Workshop on Andriod

Ms Zeba Shiekh and Ashika jain students from MCA were nominated for attending the National Workshop on Android Application Development September 1st - 5th , 2012 Organized By Computer Society of India, Udaipur Chapter and Techno India NJR Institute of Technology, TINJR, Udaipur at Techno NJR Research Center. Trainer was Ganesh Suthar (Corporate Trainer, Aptech Ltd.) The participants learnt about designing, creating, deploying, and testing applications for the Android™ mobile phone platform.



Zeba Shiekh, MCA student (Front Left) with hands on during workshop

CORPORATE SCENARIO

Date-18-10-2012

Guest : Mr. Somdev Mukherjee

A seminar was organized by CSI Student Branch, AIM & IT for MBA and MCA students on "Corporate Scenerio" by Mr Somdev Mukherjee (Trainer, Walnut Innovations). The guest was welcomed and introduced by Mr. Kapil Shrimal (Asst. Professor). The expert laid stress on non verbal communication, expressing that Body language plays a crucial role in being selected or rejected; the inter-viewer makes an opinion ,the moment a candidate enters into the interview room. He exclaimed that marks is not the only criteria in selecting a person. The candidate's presence of mind

and his ad-hoc IQ is the crucial factor in being recruited. Mr Mukherjee described different interview tricks in shaping the course of interview. He narrated his interview with WIPRO executive and how he pressed the interview panel in selecting him in place of good looking, properly groomed girl candidate. He said girls stand a better chance of being selected as they are a soft gender. He elaborated how one can judge the personality of a person based on his or her Facebook front page, comments and likes tags. Further in the session the speaker conducted a

student centric activity where he recorded their involvement with the music and clapping sound. He made an opinion about Aishwarya College students of MCA and MBA streams. He took feedback from the students too.

The program was closed by expressing appreciation towards Mr Somdev Mukherjee, Shivani Jain (MCA) presented a memento to the guest. Student went away with full energy and zeal.



Students keenly listening to Mr Somdev Mukherjee

Date- 18-10-2012

A technical talk on SURFACE MODELING was organized by Aishwarya CSI Student Branch, Aishwarya Institute of Management and IT on 18 October 2012 in Aishwarya College Campus. The expert speaker was Dr Manju Mandot (Director, Centre for Women's Studies, JRN Rajasthan Vidhyapeeth and Prof. in CS). The objective of this session was to provide the students with a fair idea on Image Processing and expose them to the concept of Surface Modeling. Giving an

Surface MODELLING

introduction on the topic Dr Mandot explained the applications of Surface Modeling. Further she discussed on the Geometric and Topological types of Surface modeling, emphasizing on polygonal geometric modeling. The expert quoted that the knowledge of mathematics plays an important role in the understanding and implementation of the concept for performance enhancement.

Dr Manju Mandot

Students found the session very interesting and learnt about a new concept, they were keen to interact with Dr Mandot. The overall session was thought provoking!

The event was coordinated by Dr Archana Golwalkar (Director & SBC), Verbal Welcome and Introduction of Guest was done by Meenakshi Rao (MCA III) and vote of thanks was given away by Neha Khan (MCA I).



Meenakshi Rao (MCA) Comparing the event



Dr Mandot interacting with the students



Sakshee Jain expressing thanks

E FREELANCING

Date : 20-10-2012

Mr Hussain Janglate

A guest lecture on "E Freelancing" was organized for the Management and IT students on 20-10-12 in Aishwarya college Campus. The expert speaker was Mr Hussain Janglate (E-Freelancer) Alumni Aishwarya P G College. The objective of the program was to

expose the students to the field of e freelancing and to share with them the opportunities in this field. During the session the expert introduced to the students the concept and scope of e freelancing laying emphasis on the benefits like flexibility of working hours, Work load control,

quality of work, global scope, work from home, source of earning and more.

Mr Hussain focused on the increasing opportunities in this field and its relevance and gave direction to the students for preparing themselves for their future career and earning while learning. Students took great interest in the deliberation and posed queries.



Mr Hussain Janglate sharing on E Freelancing

TECHNICAL TALK ON CLOUD COMPUTING AND BUSINESS INTELLIGENCE

Date : 03-11-2012



Mr Madhukar Dubey Director Fusion E solutions addressed on the topic of Cloud

Computing in a very simple manner explained the meaning, importance, applications of cloud computing and service providers. He also threw light on issues like security, reliability, bulk data storage, distributed computing and fast data retrieval. The session was highly interactive.



A session on Business Intelligence was led by Dr Azimuddin Khan (Manager Systems, RSMML) He explained the advantages, uses and benefits of IT in business. The content threw light on business domain explaining the developments from TPS to latest BIS with detailed

front end and back end considerations. Issues like data warehousing, data mining, BIG DATA and many more was discussed with the help of case studies. He stressed on the need of skill development for the future technologies. The session ended up with query solving.



2 November 2012

A technical session on "IT Infrastructure: contemporary issues", was organized for the CSI Student Members on 2 November 2012, expert was Dr. Nityesh Bhatt. During the talk the Dr Bhatt discussed about the three levels of infrastructure i.e. local level, corporate level and public level. He also threw light on technology drivers of infrastructure evolution such as Moor's Law, law of Mass Digital Storage and many more. Contemporary issues discussed were on Grid Computing, RFID Computing etc. The session was quite interactive and knowledgeable.

Dot NET Technologies

Date : 10 Nov 2012

Speaker : Mr Hussain Janglate

A Technical Talk on .NET Technologies was organized for the students of Aishwarya P G College CSI Student Members on 10th of November 2012. Dr. Archana Golwalkar welcomed and introduced the speaker Mr. Hussain Janglate and urged the students to derive benefit from the interaction for development of technical skills important for academic performance and career.

Mr Janglate (Web Freelancer & Trainer) during the session discussed on various significant issues as Platforms, Applications, Web Applications, Role of Browsers, Client Server Architecture, Protocols, Web Development, C# , Java Script , DBMS, ADO.net, AJAX Paypal Services. During his deliberation he also focused on the present industry requirements and the need to develop accordingly. Students took great interest in the session and interacted with the expert.

UNDERSTANDING PERSONALITY THROUGH DRAWING

Speaker : Dr Archana Golwalkar

A unique initiative was taken by means of a practical exercise for understanding personality of self and others through drawing for development of the students. This is one of the tools used by

companies while recruiting. The students were asked to draw certain objects instantly coming to their mind when told about the category. After completion, representation of objects, by individual participant was interpreted, assessed and shared

by Dr Archana Golwalkar (Director AIM & IT). The event helped the students to know themselves identifying their strengths and weaknesses. And learnt how they can improve themselves while learning about others.



Students working on the personality assessment exercise



Interpretation of personality by Dr Archana Golwalkar on the basis of drawing



Students after discovering their personality

December 1 2012, a short term course on DOT NET Technologies for duration of 75 days was launched for the students of Aishwarya CSI Student Branch in Aishwarya college campus. The

course coverage includes WEB DESIGNING, C#, SQL SERVER 2008 DATABASE, WEB HOSTING, ADO.NET, WEB SERVICES. It also cases development of a mini

project. 11 Students enrolled for the STC. This Course is organized in technical collaboration with Babji Web Solutions, Udaipur.



Open source's profound impact on the development community

The evolution of open source

Open source software has had a tumultuous history. In the late 1990s it seemed like billion dollar

IPOs were a guarantee just by saying your business had something to do with open source. After the dot-com blowout, we saw a lot of these companies (that did not have sustainable business models) disappear or shrink. In the last several years, we have seen a slow evolution of open source,

which now has three major scalable, repeatable business models.

- **The support model:** Companies create (or heavily contribute to) open source, hoping the open nature and zero cost will grow a community, and then

they provide support for a fee. This support can take a variety of forms, but the model is the same.

- The "free for non-commercial, pay for commercial" model: This model has a dual license, which allows the creator to gain adoption and pick up revenue along the way.
- **The hosted model:** This is where a company sells a subscription to a cloud-based installation of the software. This is a fantastic model, because it provides instant gratification for software that can otherwise be a headache to install and maintain.

Changes in perceptions

There has also been a change in enterprise IT departments' perceptions about open source. Ten years ago, most enterprises viewed open source as a risk unless it had a huge corporation behind it (like Sun with Java). As a result, most of the innovation in the open source space was pretty much locked out of the enterprise. As the business models have proved themselves, when developers say, "hey, there is an open source package that can solve this problem" the question is no longer "isn't that a risk?" but usually "where do we start?"

I think the biggest change has been in the development community. As open source has become less political (it's been a while since I saw a good MIT/BSD license vs. GPL flame war), and less thought of as a business model in and of itself (like in the dot-com days), and viewed more as an attribute of a successful business model, the quality has skyrocketed. And when I say quality, I do not just mean the quality of the application but the entire package. Most notable is the improvement in documenta-tion. As

recently as five years ago, even major open source packages were barely documented for the most part. In the last year or so, I have been using a lot of things like jQuery, and I am amazed at how good the overall package is in terms of documentation, video tutorials, and more.

The overall effect for software developers is astounding. Five years ago, there was some buzz around Ruby on Rails. I remember the timing well, because I took a Ruby book on my honeymoon, and afterwards I looked at using it, and it was a mess. There were a few IDEs out there, but they felt rough to me. The documentation was poor, and it was not well supported by Web hosts. The price of admission was higher than I was willing to pay.

Today, if you want to become a Ruby on Rails developer, the only things stopping you are lack of motivation, ability, and time limits. The tooling is very good, cloud-based hosts abound (and in many ways, look better than what is available for .NET or Java), and there are a lot of great documenta-tion, books, and tutorials out there. Indeed, it seems like Rails (and Node.js and Python/Django) are where all of the "cool kids" hang out now. It is to the point where Microsoft, which once was a major force for pushing concepts into the mainstream, is now playing catch up with concepts that have already gone mainstream.

What does this mean for developers?

For one thing, you have a lot more choices than just Java, .NET, and C/C++. I keep seeing people launch new, innovative applica-tions and successful businesses on the backs of these systems; meanwhile, I don't see as many innovations from people who are leveraging .NET or Java. Using a provider like Engine

Yard or Heroku to get up and running (and portable) is a lot easier than dealing with the various .NET and Java cloud systems. The round trip from "idea in my head" to "running code" is shorter and less painful.

Even with .NET and Java, open source is giving you new options. One of the better things to come along with ASP.NET MVC was the popularity of NuGet, which makes it much easier to live with open source while running the .NET stack. jQuery works pretty painlessly now with ASP.NET MVC, and REST and JSON are finally pretty well supported, which is important for working with a lot of the common open source packages out there.

Best of all, open source gives you new career options, whether it comes to getting a job or striking out on your own. Developers who contribute to open source projects are often getting jobs working with those projects. Increasingly, package creators are getting to write their own tickets, as the opportunities for open source usage increases.

The irony of it all is that as open source as an idea matures and grows farther away from its political roots, it is shaping the fabric of the development community and having a profound impact in the way we do things. The cloud revolution, for example, could likely not have happened without open source under the hood. As developers, we owe it to ourselves to see how we can use open source to improve our products and make out lives easier.

Address : Adarsh Nagar, University Road
Udaipur (Raj.) 313 001,
Tel.: 0294-2471965, 2471966,
Fax : 0294-2471930,
E-mail : info@aishwaryacollege.org,
Website : www.aishwaryacollege.org