



# Cascade



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## Editorial

### BYOD (Bring Your Own Device)

BYOD is a phrase that has become widely adopted to refer to employees who bring their own computing devices – such as smart phones, laptops and tablets – to the workplace for use and connectivity on the secure corporate network.



**BYOD Security:** Today, employees expect to use personal smartphones and mobile devices at work, making BYOD security a concern for IT teams. Many corporations that allow employees to use their own mobile devices at work implement a BYOD security policy that clearly outlines the company's position and governance policy to help IT better manage these devices and ensure network security is not compromised by employees using their own devices at work.

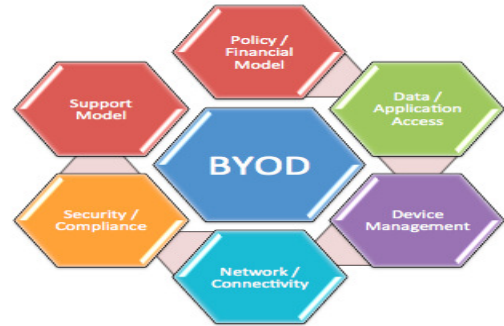
BYOD security can be addressed by having IT provide detailed security requirements for each type of personal device that is used in the workplace and connected to the corporate network. For example, IT may require devices to be configured with passwords, prohibit specific types of applications from being installed on the device or require all data on the device to be encrypted. Other BYOD security policy initiatives may include limiting activities that employees are allowed to perform on these devices at work (e.g. email usage is limited to corporate email accounts only) and periodic IT audits to ensure the device is in compliance with the company's BYOD security policy.

**BYOD VoIP Subscription:** Another common use of the phrase BYOD is connected to the VoIP industry, and the phrase is used to describe a specific type of VoIP subscription or plan. Subscribers who have their own VoIP device (a SIP-capable device) when signing up for a VoIP service will usually be able to take advantage of a cheaper subscription plan when they use BYOD – however not all VoIP service providers will offer special rate plans for subscribers with their own equipment. If the BYOD subscription is unavailable through a VoIP provider you will need to use the provider's equipment instead of your own.

# Events conducted at IE Building, Bharath Heavy Electricals Ltd.(BHEL)

Mr. S. Rajagopal, Assistant Engineer, IT Solutions and Services, BHEL, Tiruchirappalli gave a special lecture on 'HTML-5 Features' on 8<sup>th</sup> July 2014. In his talk, he spoke about the features of HTML5 comparing each feature with HTML4. He said that HTML5 is designed to deliver almost everything we want to do online without requiring additional plugins. It does everything from animation to apps, music to movies, and can also be used to build complicated applications that run in our browser, he added.

## The Many Facets of BYOD



On 12<sup>th</sup> August 2014, a lecture programme was conducted on the topic 'BYOD (Bring Your Own Device) Vs COPE (Company Owned Personally Enabled)' by Mr. C.T. Praveen Kumar, Assistant Engineer, Informatics Centre, BHEL, Tiruchirappalli. In his talk, he defined and discussed about these concepts along with their advantages and disadvantages. by these styles of EMM and some of the possible solutions.

A special lecture on 'Social Networking for Enterprises' was delivered by Mr. V. Elamaran Engineer, Informatics Centre, BHEL, Tiruchirappalli on 9<sup>th</sup> September 2014. The resource person highlighted on the practical uses of social networking for enterprises. He also said that many companies are starting to implement social networks to promote collaboration amongst their employees. He concluded saying that the sharing of information across the enterprise through social networking creates a transparency that may or may not necessarily be welcomed by all sectors of the organization.

## BYOD Smart Solution - The Right Size Deployment

Small Business	Midmarket Business	Enterprise Business
 0-250 Employees	 250-3000 Employees	 3000+ Employees
<ul style="list-style-type: none"> <li>- Designed to scale</li> <li>- Partner Led</li> <li>- Prescriptive solution recommendation</li> <li>- Targeted products</li> </ul>		
<p>Modular structure and Cisco design guides match deployment to your needs</p>		
<ul style="list-style-type: none"> <li>- Fastest time to market</li> <li>- Direct and Partner Led</li> <li>- Choose as you need</li> <li>- Larger product selection</li> <li>- Includes Collaboration</li> </ul>		

## MAKING BYOD SAFE

As more and more personal mobile devices get introduced to the company network, the challenge of balancing **employee freedom**, **app functionality**, and **data security** rises.

### EMPLOYEE MOBILITY

**82%** of companies let employees use personal devices for work

**90%** of U.S. employees use their own smartphones at work

**70%** of employees use company-issued tablets to download personal apps



### DATA BREACHES

**40%** of large data breaches were caused by lost or stolen devices

**50%** of companies that allowed BYOD were breached via employee-owned devices

**60%** of companies do not remove business data from their ex-employees' devices

## The Rise and Risk of BYOD

### THE RISE

**3 out of 4** professionals use personal devices to access corporate data

**53%** of employees bring a personal device to work

**74%** of organizations expect a **2x - 10x increase** in BYOD devices in 2 years

## Events conducted at Jamal Mohamed College (JMC)

### Special Lecture Programs

S.No.	Date	Topic	Resource Person
1	05-08-2014	Recent Trends in Data Mining	Dr. S. Nickolos, Head, Department of Computer Applications, NIT, Tiruchirappalli
2	07-08-2014	Preparing for Interview	Mr. K.Y. Mohamed Idris Ali, Australia
3	12-08-2014	Web Designing	Mr. M. Dhanarajan, Managing Director iLife Technologies, Tiruchirappalli
4	13-08-2014	Web Development Tools	Mr. M. Dhanarajan, Managing Director iLife Technologies, Tiruchirappalli
5	18-08-2014	Awareness of Communication Skills	Mr. Mohamed Idhris Khan, Global Consultancy, USA

### CSI Golden Tech-Bridge Programme

Marking the Golden Jubilee Year, the Computer Society of India (CSI) has launched the CSI Golden Tech-Bridge Programme, at 50 locations spread across the nation to propagate technology to the technologically deprived segments of society including housewives, elders, destitutes, economically disadvantaged persons, etc.

This programme was conducted by Jamal Mohamed College, Tiruchirappalli in association with the CSI-Tiruchirappalli Chapter, on 9th August 2014. The programme was inaugurated by Dr. M.A. Maluk Mohamed, Principal, M.A.M. College of Engineering, Tiruchirappalli, who is also the Regional Student Coordinator of CSI. Dr. S. Mohamed Salique, Principal, Jamal Mohamed College, presided and Dr. A. Mohamed Ibraheem, Vice Principal, Jamal Mohamed College, offered felicitations. Dr. T. Abdul Razak, Coordinator of the CSI-Student Branch welcomed the gathering earlier, and Mr. K. Sasikumar, Convener proposed a vote of thanks.

50 participants from the technologically deprived segments of society were selected for the programme. Mr. S. Abdul Saleem and Mr. O.S. Abdul Qadir, Assistant Professors of Computer Science, Jamal Mohamed College and Mr. A. Jahir Hussain, Associate Professor of Computer Science & Engg., M.A.M. College of Engineering, Tiruchirappalli were the resource persons. The topics covered were – Basics of a computer and its usage, Basics of Internet and its Applications. The programme included lectures, demonstration and practical sessions on simple computer applications and internet usage.

Dr. Maluk Mohamed inaugurating the programme



A section of the participants attending the programme



## Events conducted at Jamal Mohamed College (JMC)

As part of the Golden Tech Bridge programme, the participants were also taken to the Bharathidasan University Technology Park (BUTP), Khajamalai, Tiruchirappalli, by the college bus, and were exposed to the real time computer applications carried out in the software companies housed in BUTP.

The participants attended the programme with great zeal and enthusiasm. In the practical sessions they were able to create and format Word documents, and excel work sheets. All the participants created Email IDs for them and learnt how to send and receive emails. They were also given hands-on exposure to internet banking, e-ticketing, online EB bill payment and browsing the internet for all their needs.

The valedictory function of the programme was held at BUTP, Khajamalai, at 5.30 p.m. Mr. G.S. Rangunathan, Chairman, CSI-Tiruchirappalli Chapter delivered the valedictory address.

Sri. N. Rajasekaran, Manager, BHEL, and Treasurer, CSI-Tiruchirappalli Chapter distributed the certificates to the participants. Mr. M.R. Ahamed Riaz, Executive Member of the CSI-Student Branch proposed a vote of thanks. The participants were fully satisfied with the programme, and the feedback given by them were very encouraging. They also requested the organizers to conduct more such programmes in the future.

Shri G.S. Rangunathan delivering the valedictory address



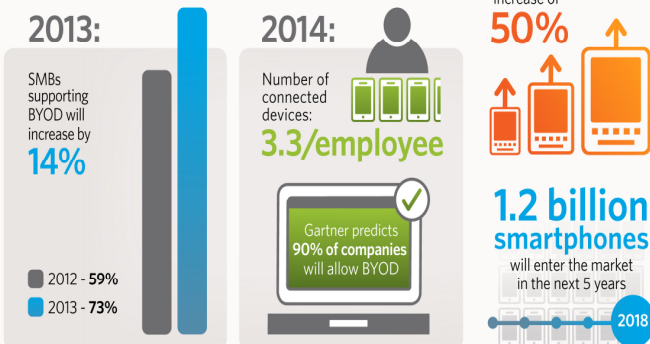
Microsoft Technology Associate Certification training program in the courses - .Net Fundamentals with Window-8 Application and Database Fundamentals with C# - APO.Net were conducted by 360o Technology Box, Chennai from 9th to 19th September 2014. The students of final B.Sc. Computer Science and MCA participated in the programs and received certificates.

## Events conducted at Saranathan College of Engineering (SCE)

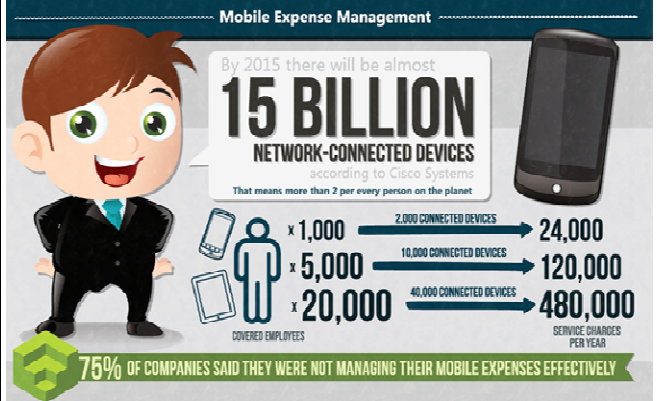
CSI Golden-Tech Bridge Programme was conducted on 9<sup>th</sup> August 2014 at the campus as a mark of golden jubilee celebrations of CSI. Around 70 persons from the nearby rural areas participated in the program. Awareness about the computer hardware and software was given. All participants created their e-mail id and they were trained to use online ticket reservation and on-line banking.



### Growing BYOD Trends



### THE REAL COST OF BYOD



## Inter-School Quiz Contest

An inter-school quiz contest was conducted in association with Sri Jayendra Matric Higher Secondary School, Tiruchirappalli on 8<sup>th</sup> August 2014. 22 team from various schools participated in this contest. Dr. K. Meena, Past Chairperson, Computer Society of India and Former Vice Chancellor, Bharathidasan Univerity, Tiruchirappalli delivered the valedictory address and distributed the Prizes and Certificates to the winners. The Vidya Seva Ratnam K.Santhanam Rolling Trophy was presented to the winning team. The students of Sri Vageesha Vidhyashram, Srirangam, Tiruchirappalli bagged this trophy. The students of Sri Sivananda Balalaya, Vayalur Road, Tiruchirappalli and those of Sri Akilandeswari Vidyalaya, Tiruchirappalli won the second and third prize respectively. All the other participants were also honoured with prizes and certificates. Sri N. Sekar, Executive Committee Member, CSI Tiruchirappalli Chapter welcomed the gathering. Sri G.S. Raghunathan, Chairman, Computer Society of India, Tiruchirappalli Chapter delivered the special address. Sri S. Kunjithapatham, Secretary of the School presided over the valedictory function and Prof. G. Balakrishnan, Quiz Master and Retd. Vice-Principal, St. Joseph's College offered felicitations. Finally, Dr. S. Lakshmanan, Principal of the School, proposed a vote of thanks.



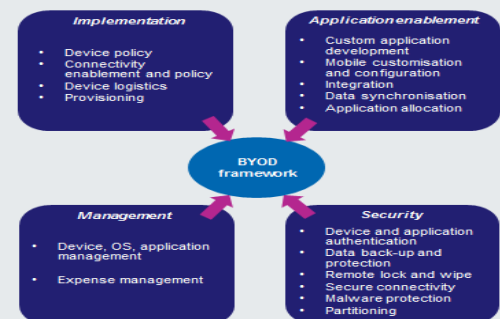
## Annual General Meeting

The 28<sup>th</sup> Annual General Meeting of the Tiruchirappalli Chapter was held on 19<sup>th</sup> August 2014, in the BUTP Auditorium, Bharathidasan University Technology Park, Khajamalai, Tiruchirappalli at 06.30 p.m. Many voting members attended the meeting and actively took part in the deliberations.

The business session of the 28th Annual General Meeting began with invocation by the Executive Member, Mr. A. Jahir Hussain. Dr. Gopinath Ganapathy, Chairman welcomed the gathering. Our Secretary, Dr. T. Abdul Razak, presented the annual report. The annual report was approved and adopted as Mr. R. Selvaraj proposed and Dr. Gopinath Ganapathy seconded it. This was followed by the presentation of the audited annual accounts for the year 2013-2014 by our Treasurer, Mr. N. Rajasekaran. After a few discussions and clarifications, the annual accounts was approved and adopted by the general body as Dr. M. A. Maluk Mohamed proposed and Dr. E. Kirubakaran seconded it.

The new office bearers for the year 2014-2015 were formally introduced and inducted by the Nomination Committee Chairman, Dr. E. Kirubakaran.

Finally the Vice Chairman, Dr. S. Ravimaran, proposed a vote of thanks. A delicious dinner was served to all the members immediately after the AGM.



## Management Committee Meetings

Management Committee meetings were held on 26-07-2014 and 09-08-2014. Most of the EC members attended the meetings, actively took part in the deliberations and many resolutions pertaining to the excellent conduct of various activities in the chapter were made.

## Management Committee : 2014-2015

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The Positive Thinker  
sees the Invisible,  
feels the Intangible  
and achieves the  
Impossible.

THERE IS NOTHING CALLED  
DARKNESS  
IT'S JUST ABSENCE OF LIGHT.  
SIMILARLY,  
THERE IS NOTHING CALLED AS  
PROBLEM  
IT'S JUST ABSENCE OF AN IDEA TO FIND A  
SOLUTION

God gives every bird its food  
but  
never drops in it their nest.