Internet Hall of Fame: Internet Society launches new website to highlight Internet Hall of Fame under three categories. Pioneers Circle--Recognizing individuals who were instrumental in the early design and development of the Internet, Innovators--Recognizing individuals who made outstanding technological, commercial, or policy advances and helped to expand the Internet’s reach, and Global Connectors--Recognizing individuals from around the world who have made significant contributions to the global growth and use of the Internet. Pl. visit www.internethalloffame.org

Machine Learning Lectures by Professor Andrew Ng, Stanford CS Dept.: This course on Machine Learning (CS229) -- taught by Professor Andrew Ng -- provides a broad introduction to machine learning and statistical pattern recognition. Topics include supervised learning, unsupervised learning, learning theory, reinforcement learning and adaptive control. Recent applications of machine learning, such as to robotic control, data mining, autonomous navigation, bioinformatics, speech recognition, and text and web data processing are also discussed. This is a series of 20 lectures of about 75 minutes each. Details at http://goo.gl/i1i16

Multilingualism and the Internet: While the Internet is no longer monolingual, relatively few of the more than 6000 languages of the world are currently used to a significant degree on the Internet. Increasing Multilingualism on the Internet is a multifaceted problem that will probably take time and require concerted collaboration to solve. But it is an important issue that deserves the attention and efforts of those who want to make the Internet an accessible tool for all. Read the briefing paper at http://goo.gl/Me1xk

Protection Against The Advanced Persistent Threat: Today's cyber-attacks are more targeted and sophisticated than ever. They require a proactive approach to protecting your enterprise. What is needed is more automated, effective correlation and intelligent analysis of the overwhelming quantity of system data. In other words, today's security professional needs more actionable data for faster insight into system usage and activity. Download this whitepaper from http://goo.gl/UVtKr to learn how to detect threats to endpoints and provide information the Security Information and Event Management systems requires to live up to its full potential.

Data Classification; a scalable approach to managing sensitive data: In this white paper at http://goo.gl/O8wWD you will learn how data classification can be one of the most cost-effective methods for ensuring the value of data is maximized while still being used securely and how it can be a critical component to successfully govern information at an enterprise.

Unified Storage For Dummies: Oracle Special Edition. Today, web-based applications, storage consolidation, virtualized environments, social networking, regulatory compliance, and high-performance computing applications are driving an explosive demand for more storage. Unified storage is an innovative, cost-effective, and scalable solution to the data storage challenge! In this 51 pages book at http://goo.gl/1uzFp you can find out how to meet growing storage demands and reduce storage complexity in your data center. You also discover the benefits of maximizing performance with flash technology. And, along the way, you get information on how to plan for the successful installation, migration, service, and administration of your unified storage solution.

ERCIM News: It is the magazine of ERCIM, the European Research Consortium for Informatics and Mathematics. It reports on joint actions of the ERCIM partners, and aims to reflect the contribution made by ERCIM to the European Community in Information Technology. Through short articles and news items, it provides a forum for the exchange of information between the institutes and also with the wider scientific community. ERCIM News is published quarterly. Each issue is focused on a theme. Some of the recent themes (2012) include: Big Data, Software Evolution, Ambient Assisted Living, Unconventional Computing Paradigms, Cloud Computing, Computational Biology. Archives available from the first issue (1988). More at http://goo.gl/ArNxs

Video: All your devices can be hacked: Could someone hack your pacemaker? At TEDx Mid Atlantic, Avi Rubin explains how hackers are compromising cars, smartphones and medical devices, and warns us about the dangers of an increasingly hack-able world. Avi Rubin is a professor of computer science and director of Health and Medical Security Lab at Johns Hopkins University. His current research is focused on the security of electronic medical records. Watch this 17 min video at http://goo.gl/ESfQW

Securing Data in the Cloud--10 Critical Questions to Ask Your Cloud Provider: There are major differences among cloud providers in their approach to security and their use of security technologies, processes, and personnel. These differences can have a major impact on the availability, integrity, accessibility, privacy, and compliance of your data—and can directly impact your business. This paper at http://goo.gl/ykr6I provides a framework, built from industry best practices, for thinking about cloud security. It also provides a short list of questions you should ask any prospective cloud provider, whether that is your internal IT department or a third-party cloud service provider.
**Insight Guide: Commercial Business Insurance:** Identity Theft and other Cyber Risks: Is Your Business Covered? In today’s world, data theft, both internal and external, is a growing problem. This American Express Insight Guide at [http://goo.gl/EGi9h](http://goo.gl/EGi9h) can help you better understand the keys to reducing your cyber liability.

**2012 web security report:** In 2011, malnets (malware networks) emerged as the next evolution in the threat landscape. These infrastructures last beyond any one attack, allowing cybercriminals to quickly adapt to new vulnerabilities and repeatedly launch malware attacks. By exploiting popular places on the Internet, such as search engines, social networking and email, malnets have become very adept at infecting many users with little added investment. More at [http://goo.gl/dygj9](http://goo.gl/dygj9)

**Demytstifying social media:** As the marketing power of social media grows, it no longer makes sense to treat it as an experiment. Here’s how senior leaders can harness social media to shape consumer decision making in predictable ways. Read the full article at [http://goo.gl/BcpII](http://goo.gl/BcpII)

**Can India lead the mobile-Internet revolution?:** The country could become the world’s first truly mobile digital society. But grasping the opportunity requires unprecedented cooperation between the private and public sectors. Read the full article at [http://goo.gl/n5iBs](http://goo.gl/n5iBs)

**Competing through data:** Three experts offer their game plans. MIT professor Erik Brynjolfsson, Cloudera cofounder Jeff Hammerbacher, and Butler University men’s basketball coach Brad Stevens reflect on the power of data. Read the full post at [http://goo.gl/PNUUT](http://goo.gl/PNUUT)

**Cloud Benefits 101: What’s In It for You?** This white paper at [http://goo.gl/ogDZw](http://goo.gl/ogDZw) explores the top competitive advantages that the executives participating in Sand Hill’s 2011 Leaders in the Cloud survey are achieving from their early cloud-computing initiatives. To put this information into even sharper focus, the paper includes three case studies of companies that achieved significant return on investment, innovation, and scalability in the cloud.

**10 critical ERP upgrade mistakes:** Major ERP software upgrades are often seen as a long, arduous process. But avoiding certain mistakes can help companies maintain maximum performance when implementing software improvements without disrupting users comfort with their current system. This is especially important for organizations that rely on their ERP software but need updates to keep their systems running at full potential. At [http://goo.gl/KBOK](http://goo.gl/KBOK) you will find 10 missteps to avoid when you’re planning and implementing an upgrade.

**Five cloud-based PM tools to suit a wide range of projects:** Learn about Zoho Projects, Planbox, ProWorkflow, Basecamp, and Milestone Planner to determine if one of the project management tools might be the right fit for your client at [http://goo.gl/Aw2GX](http://goo.gl/Aw2GX)

**10 ways to look your best on social media:** It's hard to separate personal from professional on social media. Follow these tips to make sure you and your brand are always at your best. Read the full post at [http://goo.gl/ZOmYE](http://goo.gl/ZOmYE)

**Fraud alert: Phishing — the latest tactics and potential business impacts 2012:** The worldwide losses from phishing attacks cost more than $520 million in the first half of 2011 alone. Whatever the threat - whether employees or customers have been phishing, or the company website compromised - phishing is something to be taken very seriously. Organisations need to stay current on the latest methods employed by cyber criminals, and proactively take steps to protect themselves from fraud. This fraud alert at [http://goo.gl/DKUHV](http://goo.gl/DKUHV) highlights the current growth and trends in today's phishing schemes, the potential impact on companies, and insight into how businesses can apply technology to protect themselves and their customers.

**Young Innovators Competition:** This is your opportunity to shine a global ICT spotlight on your innovative ideas and digital creativity. Enter the Young Innovators Competition at ITU Telecom World 2012 (during 14-18, Oct 2012 at Dubai) to show the world how your fresh thinking and talent for technology can provide real-world solutions to real-world problems and change the future for the better. Showcase your innovation on a truly international stage and win the chance to access development workshops, industry expertise and the unparalleled networking potential of World 2012 along with prizes up to CHF 10,000=. More details at [http://world2012.itu.int/young-innovators-competition](http://world2012.itu.int/young-innovators-competition)

**Video: Robots that fly ... and cooperate:** In his lab at the University of Pennsylvania, Vijay Kumar and his team build flying quadrotors, small, agile robots that swarm, sense each other, and form ad hoc teams -- for construction, surveying disasters and far more. Vijay Kumar studies the control and coordination of multi-robot formations. Watch this 17 min video at [http://goo.gl/tiKM6](http://goo.gl/tiKM6)

**Open Government Platform – OGPL:** It is a joint product from India and USA to promote transparency and greater citizen engagement by making more government data, documents, tools and processes publicly available. OGPL will be available, as an open source platform. Pl. visit [http://www.opengov.in/](http://www.opengov.in/)

**Video: PowerPoint presentations How Not To Make:** Watch this interesting 9 min 29 sec video presentation presented in a humorous way at [http://goo.gl/6IFdN](http://goo.gl/6IFdN)
How To Succeed As An Executive

1. TALK LOUD - This proves that you are a person of force and character and you must be right.

2. TALK FAST - If you talk fast enough, the other person will be unable to detect flaws in your argument, at least until after you have gone.

3. INTERRUPTIONS - It is good practice to interrupt the other person at least once every other sentence. This breaks up his train of thought and puts him at a disadvantage.

4. PATTER - Nothing lends so much authority to a discourse as a liberal sprinkling of technical terms. Phrases such as "load factor", "resistance variations", "direct correlation", and "psychological impact" should be memorized and used wherever and whenever possible.

5. AGGRESSIVENESS - This means putting the other fellow on the defensive. The easiest way of doing this is to ask him a meaningless question or drop a hint that he is not as much on his toes as he might be. This is important, because otherwise he may notice and call attention to your own shortcomings.

6. ALWAYS ATTACK - If a good idea is brought forward which you did not happen to think of, it should be attacked at once. Considerable ingenuity may be required in killing it, but this serves to sharpen your wits.

7. TELEPHONING - When calling someone, have your secretary put in the call, then keep the other person waiting several minutes after he is on the line. This impresses him with your general inaccessibility and importance.

8. ENGAGEMENTS - Never accept the first hour or day suggested for an appointment. Be sure to page through your engagement pad until you find an open spot. This indicates that you are working hard and are loaded down with responsibility.

9. CONFERENCES - Never sit in a conference without saying something. If no idea occurs to you that makes any particular sense, you should seize the first opportunity to change the subject or arrange with somebody to pull you out of the meeting with a long distance call.

10. PAPERS - When a paper comes to your desk which you don't know what to do with, the best practice is to scribble on it: "Would like your reaction" and send it to someone else. There is a good chance that you will never see it again.

11. AFTER ALL IS SAID AND DONE - If everything else fails and you can't convince them.....CONFUSE THEM......

Announcements

- To join CSI as a member, pl. visit http://www.csi-india.org/web/csi/membership
- If you are interested in talking on your area of competence at CSI chapters, pl. register as a distinguished speaker at http://www.csi-india.org/web/csi/email
- Read the current (Apr 2012) issue of CSI Whizkidd, the student newsletter at http://whizkidd.site50.net/index.html

ICT Events


ICT News: Voices & Views

- In a couple of years, 85% of people will be using smartphones - Microsoft India Chairman.
- Chinese hacker is responsible for cyber-attacks on Government of India, military research organisations and shipping companies - Trend Micro.
- Global handset shipments will increase 29% from 1.7 billion in 2012 to 2.2 billion in 2016 of which smartphone to touch 1 billion - ABI Research.
- Emerging markets to spend $1.22 trillion (representing 31% of the worldwide total) on IT in 2012 - Gartner.
- Indian enterprise software market will grow 13% in 2012 with revenue of $3.22 billion – Gartner.
• Tablet sales touch 4.75 lakh in 2011 - CyberMedia Research.
• The US Citizenship and Immigration Services has received about 22,000 petitions (against the cap of 65,000) for H-1B work visas in the first four days.
• Computer Society of India to promote free software - CSI president Satish Babu.
• ‘I warned Raja against advancing 2G cut-off date’ - Ex-Telecom Secretary.
• Media tablet sales will double this year globally to 12 crore units from 6 crore units in 2011 - Gartner.
• The Indian logistics industry is estimated at $130 billion and is expected to grow to $385 billion in the next four to five years - Mr P. Srikanth Reddy, Chairman, Four Soft.
• By 2015, the market for ‘big data’ technology and services globally will reach $16.9 billion up from $3.2 billion in 2010. Every day, 2.5 quintillion bytes of data are created – IDC.
• Social networking sites should set up servers in India – Rajasthan CM Gehlot.
• Karnataka's IT exports zoomed nearly 50% to touch Rs 1.3 lakh crore in 2011-12.
• ‘Data breach costs Indian organisations Rs 5.35 crore annually’ – Symantec.

ICT News: Telecom, Govt, Policy, Compliance
• Govt will help fund buys of foreign firms with high-end cyber security technology.
• Aakash-II, sub $40 Android tablet launch likely in May – Sibal.
• Supreme Court rejects 2G operators’ review petition.
• Airtel rolls out 4G at Kolkata, to offer high speed Internet services.
• DoT panel sees merit in merger of BSNL, MTNL.
• Centre may clear Karnataka's plan to set up IT investment region at an estimated investment of Rs 90,000 crore. The project would generate about 1.1 million direct and 2.7 million indirect jobs.
• AICTE and Microsoft announced the implementation of Microsoft Live@edu for all the technical colleges in India.
• TRAI wants licensing powers under new unified regime.
• The future of Aakash tablet hangs in balance as Datawind and QUAD Electronics have locked horns over alleged violation agreements.
• Mobile ARPU's start rising for first time in many years.
• DoT asks telcos to comply with new tower radiation norms.
• TRAI sets quality norms for mobile banking services.
• TRAI makes one ‘per second’ plan mandatory.
• Prospects brighten for silicon wafer fab units as global firms offer support.
• TRAI sets base price for 2G spectrum at 10 times 2008 rate with price varying between Rs 3,622 and Rs 14,480 crore per megahertz of airwaves.
• Panel set up to frame norms for telecom firms for issuing SIM cards.
• TRAI launches online facility (www.tccms.gov.in) to monitor consumer complaints.

ICT News: IT Manpower, Staffing & Top Moves
• Cyrus Mistry and O.P. Bhatt (Ex. SBI Chairman) join TCS board.
• Progress Software to help engineering colleges in setting up incubation centres in Hyderabad.
• Potential job losses in telcos ‘enormous’ - HR Experts.
• Hiring of NRI professionals up 5% in Jan-Mar 2012.
• Infosys BPO to recruit 13,000 across 18 locations. Also plans to hire 35,000 people this fiscal.
• Steelwedge Software to raise India headcount from 180 to 1150 by 2016.
• Walmart Labs to hire 200 engineers.
• Uninor employees take to the streets to save company.
• TCS employee addition at all-time high with a gross addition of 70,400 employees in the year ending March 2012.
• 150 Bangalore staff hit in Yahoo!'s 2,000 cut globally.
• SingTel Global (India), to expand its operations in five more cities, including Jaipur and Ahmedabad, and double its workforce by 2014.
• Tata Elxsi to increase headcount at Bangalore lab.
• TCS chief, Mr N. Chandrasekaran, to assume the office of Chairman of Nasscom.
• IT companies step up hiring of engineering graduates. The average salary increased by about 10% compared to last year and in the range of Rs 3.05 lakh to Rs 3.25 lakh per annum.

ICT News: Company News: Tie-ups, Joint Ventures, New Initiatives
• Cisco is considering to set up a manufacturing and services unit in Maharashtra.
• Wipro asks component vendors to disclose emission data as part of Green IT initiatives.
• HCL Info launches operations in Qatar.
• Micromax joins the tablet war with its FunBook priced at Rs 6,499.
• Facebook’s mobile app now in seven Indian languages.
• Local search engine hudku.com launched.
Brief reviews of books useful to students and professionals are included in this column. The publishers -- Wiley India Pvt. Ltd, Tata McGraw Hill Education Pvt Ltd and Pearson India have come forward to present these books to the winners of the Info Quiz.

Drupal - The Guide To Planning and Building Websites: This book is a complete lifecycle guide to planning and building a site with Drupal. Drupal allows you to quickly and easily build a wide variety of web sites, from very simple blog sites to extremely complex sites that integrate with other systems. In order to maximize what Drupal can do for you, you need to plan. Whether you are building with Drupal 6 or 7, this book details the steps necessary to plan your site so you can make informed decisions before you start to build. This book -- Explains how to define the scope of your project; Shows you how to create a design plan taking into consideration how Drupal works; Helps you make informed decisions regarding development methodologies, environments, standards, and site security; Reviews ways to assess the use of existing and/or custom Drupal modules; Teaches you how to avoid common pitfalls that can impact a successful site launch; Walks you through preparing for post-launch site maintenance and management tasks; Details incorporating the nature of open source systems into your management strategies; And Identifies ways to interact with members of the Drupal community. The processes and techniques provided in this book will empower you to create a successful and sustainable site with Drupal. Author: Cindy McCourt. Published by Wiley India Pvt. Ltd. Pages: 296. Price: Rs.549/=. Readers of CSI-eNL can get this book at 20% discount with free shipping. Contact: abbhardwaj@wiley.com (This book is being given as a prize to the Info Quiz Winners)

QC 10, QTP 10 and Automation Framework – Automating Automation: The book looks at HP Quality Center deployment, customisation and also its integration with QTP. It includes in-depth discussion on the framework and the concrete examples will help both the beginners and experts to design a robust and reliable framework. The author has explained the underlying principles with commonly used tools — QC, QTP and Selenium, that would ensure its reach to masses of tester world. It divulges some intricate aspects of automation framework that cements individual elements together and proposes methodology for automation infrastructure, these are must refer readymade tips for all those in-charge of designing automation infrastructure/framework for their organisation/team. Book Includes: QC deployment architecture and detailing; QC+QTP integration Solution; and Automation Framework using QTP, QC, Selenium. This book is a complete practitioner’s guide and a gift to the QA community. Author: Saurabh Chandra. Published by Tata McGraw Hill Education Pvt Ltd. Pages: 296. Price: Rs. 495/=. More about the book at http://goo.gl/sxJLs Readers of CSI-eNL can get this book at 20% discount with free shipping. Contact: Rekha_Dhyani@mcgraw-hill.com (This book is being given as a prize to the Info Quiz Winners)

Software Engineering: This book covers conventional as well as current methodologies of software development to explain core concepts, with a number of case studies and worked-out examples interspersed among the chapters. Current industry practices followed in development, such as computer aided software engineering, have also been included, as are important topics like ‘Widget based GUI’ and ‘Windows Management System’. The book also has coverage on interdisciplinary topics in software engineering that will be useful for software professionals, such as ‘quality management’, ‘project management’, ‘metrics’ and ‘quality standards’. It also includes multiple-choice, objective-type questions and frequently asked questions with answers. Authors: Jitesh Mishra & Ashok Mohanty. Published by Pearson Education. Pages: 400. Price: Rs. 250/=. More about the book at http://goo.gl/WsFMQ Readers of CSI-eNL can get this book at 20% discount with free shipping. Contact: john.mathews@pearson.com (This book is being given as a prize to the Info Quiz Winners)
The Power of LEO: The Revolutionary Process for Achieving Extraordinary Results. By: Subir Chowdhury. In The Power of LEO, Chowdhury outlines LEO, a powerful alternative to traditional quality management in which a company Listens carefully to customers, Enriches the products or services offered, and Optimizes a customer’s experience with them. Chowdhury demonstrates how to use LEO to embed a quality mission in the company culture, bringing measurable and lasting improvements to the company’s products, operations, and finances. LEO can help organizations find ideal solutions to process problems not because it is a better management tool than the likes of Six Sigma, but because it causes a shift in every person’s frame of mind, affecting how they approach problems and how they decide which actions to take. LEO is a broad methodology that transforms how existing management tools are used, and it operates best when used by people at all levels in an organization. More at http://www.bizsum.com/summaries/power-leo Read similar book summaries at www.bizsum.com at an exclusive 20% discount on the subscription extended to CSI-eNL readers. Use the code BBSCSI2012. A lucky winner of Info Quiz will get free access to “Business Book Summaries” for one month.

Growth or Bust!: Proven Turnaround Strategies to Grow Your Business. By: Mark Faust. Growth and turnaround consultant Mark Faust describes how most companies have the inherent ability to greatly increase growth, and describes methods that combine the creation of effective strategies and vigorous innovation to create positive results throughout the organization. By following Faust’s advice, managers can find overlooked and unexamined growth potential for their organizations, and embrace a companywide approach for successful turnaround. Faust believes that innovations leading to growth must be applied to all facets of an organization in order to be truly productive. He suggests that incremental improvements in a company’s performance are less effective than implementing a complete turnaround. Improvements to all components of a company will result in successful change much quicker than adopting a gradual approach to organizational improvement. He also stresses the importance of the leadership role in recognizing any potential within the organization, and in developing a culture in which all employees feel able to be part of the change process. More at http://www.bizsum.com/summaries/growth-or-bust Read similar book summaries at www.bizsum.com at an exclusive 20% discount on the subscription extended to CSI-eNL readers. Use the code BBSCSI2012. A lucky winner of Info Quiz will get free access to “Business Book Summaries” for one month.

InfoQuiz–2012-05-01 (NINE Prizes to Win – FOUR Prizes of Rs. 500/= each, THREE books, TWO free one month access to Business Book Summaries)

1. “Software gets twice as slow every eighteen months” is known as ------ Law.
2. Bangalore is the first city to get the 4G services in India. State True or False
3. Google : Google Drive = Microsoft : ------
4. ------ beat Nokia to the top position in the global handset market in the first quarter of 2012.
5. ------ became the first Indian IT company to cross the $10 billion (revenue) milestone.

Email your answers by 31st May 2012 to csi.infoquiz@gmail.com with subject “infoquiz-2012-05-01”. Please provide your name, designation, company/institution, full postal address (to send the prize) and the contact phone nos. after the answers. There are NINE prizes to win. TWO prizes of Rs. 500/= each by SRA Systems (www.srasys.com) and TWO prizes of Rs. 500/= each by VictoryMind Educare Services. THREE prizes will be in the form of books which are briefly reviewed in this edition of the newsletter. They are being offered by Wiley India Pvt. Ltd (www.wileyindia.com), Tata McGraw Hill Education Pvt Ltd (www.tmhshop.com/) and Pearson Education (http://www.pearsoned.co.in). Other TWO prizes are free one month access to Business Book Summaries from EBSCO Publishing (www.bizsum.com). Answers along with the winners’ info will be published in the next issue.

Answers & Winners of InfoQuiz–2012-04-01

- Google, Niklaus Wirth, Alan M Turing, Lady Gaga, D is for Digital
- Rs. 500/= from SRA Systems: Ms. Nitu Sahoo (Bhopal) & Mr. Ashok Singh Chauhan (Kasganj, UP)
- Rs. 500/= from VictoryMind Edu Services: Mr. Prashant Khisty (Mumbai) & Mr. M. Divakar Raj (Coimbatore)
- Book from Wiley India Pvt. Ltd: Ms. Umarani Yalavarthi (Bangalore)
- Book from Tata McGraw Hill Education Pvt Ltd: Sivaraj Ambat (Bahadurpally)
- Book from Pearson Education: Mr. C. Sudalaimani (Trivandrum)
- Free access to “Business Book Summaries” for one month from www.bizsum.com / Ebsco Publishing: Mr. M. Anbazhagan (Chennai) & Ms. Shalini Aggarwal (New Delhi)

About the CSI-eNewsletter
CSI-eNewsletter is a compilation of information from different sources with due acknowledgement to the respective sources. We hope these would be of interest to ICT professionals, academicians and students and serve as reference Pl. note that we do not endorse products/services referred in the newsletter. The CSI-eNL is published on 1st of every month. For the archives, pl. visit http://www.csi-chennai.org/csi-enl/csi-enl-archives.htm or at http://www.csi-india.org/web/csi/archives

Contributions to CSI-eNewsletter
Readers are welcome to contribute to the eNewsletter by sharing interesting information they come across and also provide feedback, by emailing to the editor of the CSI-eNewsletter at hrmohan.csi@gmail.com