



# CSI eNewsletter

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**CSI eNL wishes its readers a Happy and Prosperous New Year 2012.** Pl. have a look at the following inspirational clips when you find some free time.

- May You Be Blessed: <http://www.beblessedmovie.com/>
- Finding Joy: <http://www.findingjoymovie.com/>
- The Power of Kindness: <http://www.powerofkindnessmovie.com/>
- If Life Is A Game .. These Are The Rules: <http://www.thesearethetherulesmovie.com/>

**12 IT Outsourcing Predictions for 2012:** The IT outsourcing industry in 2011 was largely marked by smaller deals, hesitant customers, profit-squeezed providers and a whole lot of talk but not as much action on the cloud computing front. Much of that could continue through the New Year the economic uncertainty behind last year's sourcing trends is unlikely to lift until the latter part of the year. Nonetheless, the next 12 months will bring with them some new IT outsourcing trends and maybe even a few firsts. Read the 12 predictions from forward-looking outsourcing observers at <http://goo.gl/b2J5R>

**10 Business Tech Predictions for 2012:** For small and midsize businesses, 2011 was an eventful year for the owners and managers tasked with technology decisions. The year's highlights range from the arrival of new technologies such as the introduction of Intel's Thunderbolt peripheral interface to the release of Android 4.0 Ice Cream Sandwich. But it wasn't all highlights. Beyond the promising new products and technologies, you saw many tech titans at their worst: RIM stumbled big-time in October with the most severe service outage in its history while Sony saw its Playstation Network so badly hacked it took more than a month to fix. As 2011 draws to a close, it's time to look ahead to 2012. Namely, what can small and mid-sized businesses (SMB) expect to see in the next 12 months? The 10 technological trends listed at <http://goo.gl/2TMsF> will affect businesses of all sizes in the coming year, but they promise to have an particular impact on small and mid-size businesses in 2012.

**Predictions for 12 Months of Digital Marketing:** 2011 has been an interesting year for the digital marketing landscape, we have witnessed many events which caused us to rethink the way we approach marketing. This predictions paper outlines some of the marketing trends we could see in 2012. Download it from <http://goo.gl/vJmeY> and find out what the next 12 months could hold for email marketing, online advertising, search marketing, social media and more.

**10 Best Practices Learned from 2011 Tech Market Chaos and Stupidity:** In the coming year, those who do not understand the dynamics and potential of the technology industry will find themselves operating significantly behind their competitors and cross-industry peers. Read the ten best practices (from Mark A. Smith, Ventana Research though his blogpost) in the form of pragmatic advice and words of wisdom for you to consider as you think about 2012 and how you engage technology for your organization at <http://goo.gl/ymQpA>

**How to Create and Implement an Information Management Policy:** Mitigate potential legal risks and costs by applying clear, consistent rules to all data. As is invariably the case in technological advances, the many benefits of digital records are offset by significant risks. Chief among these risks is the cost of electronic discovery during litigation. E-discovery is the use of sophisticated sampling and search tools to mine databases for documents relevant to a lawsuit. Read the full story at <http://goo.gl/gdPmd>

**Six information security lessons from 2011:** 2011 was a wild ride for information security. The amount and scope of some breaches has been astounding. New targets and new vectors have been uncovered as well as reminding us of well-known weaknesses in some systems. What's past is prologue, and with that in mind, let's take this opportunity to look at some of the information security lessons learned from 2011 that will hopefully help us be prepared for 2012 at <http://goo.gl/o6V09>

**So, You're Responsible for Managing Laptops:** If your organization is like most, you're buying mobile computers to allow for remote and mobile workers -- meaning corporate computing is no longer confined to the LAN. Most likely, the tools you have to manage them aren't keeping up with your responsibilities. Does your PC lifecycle management (PCLM) reflect the issues associated with mobile users? Many organizations face expensive inefficiencies by not managing mobile assets effectively. To do your job more effectively and report improvements to management in an easily understood way, you must adopt a PCLM approach that reflects the realities of mobile computing such as: Use tools that track assets via the internet, independent of network connection type; Automate data collection to automatically collect 'who, what, where' information; Use firmware-embedded inventorying agents to avoid tampering; Centralize data views via an online interface or online portal with plug-ins; and Utilize software-as-a-service solutions for scalability and cost-efficiency. Read this white paper from Absolute Software at <http://goo.gl/XQmvJ>

**How to Set Up Your Company's Social Media Policy:** To get a quick break down on how to create a social media policy and to learn how to defend your brand, what a social media policy is, what to include in one and how having a social media policy can help you and your organization, read this whitepaper from Backupify at <http://goo.gl/BHqzK>

**Tech Luminaries We Lost in 2011:** It's been a rough year for the IT industry. The death of Apple co-founder Steve Jobs in October grabbed international headlines. But we also lost other major figures from almost every area of technology, including Xerox PARC founder Jacob E. Goldman, who died in late December. Have a look at some of the people who made a big difference and whom we lost at <http://goo.gl/uAg5g>

**IPv6 Doomsday Won't Hit in 2012, Experts Say:** Next year will see one more regional Internet registry run out of IPv4 addresses, but 2012 will be more of a year to prepare for the inevitable shift to IPv6 than an Internet doomsday, according to networking experts. By midyear, Europe's RIPE NCC (Réseaux IP Européens Network Coordination Centre) is expected to allocate the last of its addresses under the version of Internet Protocol used by most consumers and enterprises now. That event will follow the depletion in April of addresses controlled by APNIC (Asia-Pacific Network Information Centre), the first of the five regional registries to run out of addresses for enterprises and service providers. Read the full post at <http://goo.gl/VRLjD>

**Eight Signs Your Business is Tech-Illiterate:** Do your clients point and laugh when you pull out your circa-2008 cellphone? Was your computer OS released before Obama came to office? It's time to pass the upgrade hat if your office exhibits any of the following symptoms of extreme technical illiteracy. Read the signs at <http://goo.gl/vcvqX>

**10 programming habits that should be more common:** You learn lots of things when you go to college and get a computer science degree or read a how-to-program book. Unfortunately, a number of good programming habits are either untaught or take a good amount of practice to turn into a way of life. Here are 10 such habits you should cultivate to become a better programmer. Read the full story at <http://goo.gl/EKwf9>

**The Future of IT Skills: What You Need To Keep Your IT Career Alive:** IT pros need to constantly update their skills in order to survive. Redmond asked experts -- and readers -- which skills and jobs have a solid future and which ones will crumble in the years to come. Read them at <http://goo.gl/CKCy0>

**The IBM Century: Creating the IT Revolution:** More than a century ago Herman Hollerith pioneered punch card tabulation technology. In 1911 his enterprise became the centerpiece of a new corporation (renamed in the 1920s), International Business Machines (IBM). Over the past century IBM has transformed how we record, calculate, and process information -- forever changing business, science, engineering, government, and leisure. Far more than any other firm, IBM created the IT revolution. This unique volume brings together fascinating memoirs of key IBM engineers and managers of the past 100 years. Read an extract of a 44 page chapter "Pioneering: On the Frontier of Electronic Data Processing, a Personal Memoir" by James W. Birkenstock at <http://goo.gl/JrK0z>

**Book: IPv6 for All:** Internet Society (ISOC) Argentina, in cooperation with the 6DEPLOY project, has released a 154 pages book "IPv6 for All: A Guide for IPv6 Usage and Application in Different Environments". This book, attempts to provide, in a clear and simple language, the necessary tools that will allow users to understand, deploy, and implement IPv6 in different environments. It is targeted to different types of readers, including end users, SOHO, enterprise, education and research networks, and ISPs. It also includes a section on how to deploy several IPv6 services. This free book can be downloaded from <http://goo.gl/oHPCE>

**The Definitive Guide To Selling More Of Anything Online:** The web has done wonders for shrinking sales and marketing budgets. But we are a long way from getting the most out our e-commerce efforts. What follows at <http://goo.gl/kwc8l> will help.

**Video: Pranav Mistry: The thrilling potential of SixthSense technology:** At TEDIndia, Pranav Mistry demos several tools that help the physical world interact with the world of data -- including a deep look at his SixthSense device and a new, paradigm-shifting paper "laptop." In an onstage Q&A, Mistry says he'll open-source the software behind SixthSense, to open its possibilities to all. Watch this 14 min TED talks video which had 6,925,069 views at <http://goo.gl/WiZsP>

**Reducing Hidden Operating Costs Through IT Asset Discovery:** With many companies implementing extensive cost-cutting measures, all areas of business operations must now find ways to reduce their overall operating costs in an effort to increase bottom-line profitability. The once protected IT department can no longer go unscathed by such cost-cutting practices. After reductions in headcount and procurements have been made, cost-cutting strategies are now turning to internal operations, and many IT decision makers are taking a closer look at indirect, or "soft," costs within these departments. In the past, IT asset management (ITAM) was considered a task necessary only during periods of extensive hardware and software improvements, such as when deploying new operating systems. Now, IT decision makers are taking a second look at ITAM as a way to recoup many of these hidden indirect, or soft costs. This whitepaper at <http://goo.gl/85DV6> shows how to facilitate Asset Management to support tighter cost-containment policies within your environment.

**What We Can Learn from Steve Jobs:** Steve Jobs wasn't exactly an IT person — he didn't have a programming or computer science background — yet there's much to learn from this great innovator. He redefined the IT user experience, creating products and services loved by millions around the world. He reshaped not only the IT industry but others as well — the music industry with the iPod; the cell phone industry with the iPhone; the movie industry with his Pixar Animation Studios films; and the computing industry with the original Mac, the Mac OS X, and the iPad. He had also started to transform the publishing industry with his iBooks and media subscription services and the software industry with his App Store. His legacy will be felt for years to come. Read the article written by Prof. San Murugesan, one of our resource persons at various CSI events at <http://goo.gl/cyS9Q>

### Interesting Definitions

- **Atom Bomb** : An invention to end all inventions.
- **Boss** : Someone who is early when you are late and late when you are early.
- **Conference** : The confusion of one man multiplied by the number present.
- **Compromise** : The art of dividing a cake in such a way that everybody believes he got the biggest piece.
- **Conference Room** : A place where everybody talks, nobody listens and everybody disagrees later on.
- **Classic** : A book which people praise, but do not read.
- **Criminal** : A guy no different from the rest...except that he got caught.
- **Committee** : Individuals who can do nothing individually and sit to decide that nothing can be done together.
- **Diplomat** : A person who tells you to go to hell in such a way that You actually look forward to the trip.
- **Etc.** : A sign to make others believe that you know more than you actually do.
- **Experience** : The name men give to their mistakes

### Microsoft's Bill Gates decided to invest further in Punjab after receiving a letter from Mr Banta Singh.

To : Bill Gates, Microsoft  
Date : 1 April 2011  
Subject : Problems with my new computer

Dear Mr. Bill Gates,

We bought a computer for our home and we have found some problems, which I want to bring to your notice..

- There is a button 'start' but there is no 'stop' button. We request you to check this.
- One doubt is whether any 're-scooter' is available in system? I find only 're-cycle', but I own a scooter at my home.
- There is 'Find' button but it is not working. My wife lost the door key and we tried a lot to trace the key with this 'find' button, but was unable to trace. Please rectify this problem.
- My child learnt 'Microsoft word' now he wants to learn 'Microsoft sentence', so when will you provide that?
- I bought computer, CPU, mouse and keyboard, but there is only one icon which shows 'My Computer': when will you provide the remaining items?
- It is surprising that windows says 'MY Pictures' but there is not even a single picture of mine. So when will you keep my photo in that.
- There is 'MICROSOFT OFFICE' what about 'MICROSOFT HOME' since I use the PC only at home.
- You provide 'My Recent Documents'. When will you provide 'My Past Documents'?
- You provide 'My Network Places'. For God sake please do not provide 'My Secret Places'. I do not want to let my wife know where I go after office hours.

Regards,

Last one Mr. Bill Gates

PS: Sir, how is it that your name is Gates but you are selling WINDOWS?

### 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>

### ICT Events

- ICSIVP: International Conference on Signal, Image and Video Processing. 13-15 Jan, 2011 at IIT Patna CSI Patna Chapter, Div IV, Div II. Contact Dr. Maheshkumar H. Kolekar [mahesh@iitp.ac.in](mailto:mahesh@iitp.ac.in)
- One day workshop on “Technical Writing – A Primer” on Saturday, 21<sup>st</sup> Jan 2012 at CSI Education HQ, Taramani, Near Tidel Park. Chennai. Last date For Registration: 16<sup>th</sup> Jan 2012. Contact: 9840341902/ 9444267101. E-mail: [adm.officer@csi-india.org](mailto:adm.officer@csi-india.org) / [yogendra.gahlaut@csi-india.org](mailto:yogendra.gahlaut@csi-india.org)

- One Day Workshop on “Enterprise Private Network” on Sunday, 22<sup>nd</sup> Jan 2012 at CSI Education HQ, Taramani, Near Tidel Park, Chennai. Last date For Registration: 18<sup>th</sup> Jan 2012. Contact: 9840341902/ 9444267101. E-mail: [adm.officer@csi-india.org](mailto:adm.officer@csi-india.org) / [yogendra.gahlaut@csi-india.org](mailto:yogendra.gahlaut@csi-india.org)
- COMPUTE-2012. Intelligent & Scalable System Technologies. 1<sup>st</sup> Annual Conference of ACM Pune Professional Chapter. 23-24, Jan 2012 at Pune. More details at: <http://pune.acm.org/ACMCompute2012/compute2012.php>
- Emerging Trends in Information and Communication Technologies. 3-4, Feb 2012 at Hyderabad by Guru Nanak Institutions with CSI Div IV and Hyderabad Chapter. Contact: Dr. D.D. Sarma [csignis@gmail.com](mailto:csignis@gmail.com)
- ISEC 2012: 5th India Software Engineering Conference. Feb 22-25, 2012 at IIT Kanpur. For details visit: <http://www.csi-sigse.org/isec2012/>
- UNICON-2012: National Conference on “Advanced Computing Techniques in Science and Technology”. 17-18, Feb 2012 at Allahabad. Organised by United College of Education & Research & CSI Region I & Allahabad Chapter. Contact: [unicon2012@united.ac.in](mailto:unicon2012@united.ac.in) Website: [www.united.ac.in](http://www.united.ac.in)
- 7th National Conference on “Advancement of Technologies – INFORMATION SYSTEMS & COMPUTER NETWORKS”. 3-4, Mar 2012 at Mathura, U.P. by Dept. of Computer Engineering & Applications, IET, GLA University with CSI – Div IV & Region-I. Contact: Mr. Dilip Kumar Sharma [iscon12.cea@gla.ac.in](mailto:iscon12.cea@gla.ac.in) [www.gla.ac.in/iscon12](http://www.gla.ac.in/iscon12)
- ERC-2011-12: Eastern Regional Convention. 5-7, Mar 2012 at Bhubaneswar. Theme : Cloud Computing: Facilitating Collaboration Transformation & Growth by C.V. Raman College of Engineering along with CSI Cuttack chapter, Div IV & region IV. Contact: Mr. S. P. Nanda, 91- 9861425122 , [csi.cvrce.it@gmail.com](mailto:csi.cvrce.it@gmail.com) Web: [www.cvrgi.edu.in](http://www.cvrgi.edu.in)
- NCISE-2012: National Conference on Information and Software Engineering. 9-10, Mar 2012 at Chennai. Organised by Dept. of IT, Aarupadai Veedu Institute of Technology in association with IEEE Madras Section, IEEE Computer Society. Contact: Dr. Anthony Irudhayaraj, Phone: +91-9443884732, +91-9962735582 Email: [ncise2012@gmail.com](mailto:ncise2012@gmail.com), Web: [www.iececs-ncise.com](http://www.iececs-ncise.com)
- NCVESCOM-2012: VLSI, Embedded Systems, Signal Processing and Communication Technologies. 21-22, Mar 2012 at Chennai. Organised by Dept. of ECE, Aarupadai Veedu Institute of Technology & supported by IEEE Communications Society - Madras, Computer Society of India, Division IV (Communications), IEEE Computer Society – Madras, IETE Chennai Centre and Broadcast Engineering Society (India). Last date for paper submission: 30<sup>th</sup> Jan 2012. Contact [ncvescom2012@gmail.com](mailto:ncvescom2012@gmail.com) Website: [www.avit.ac.in](http://www.avit.ac.in)
- RACSS-2012: International Conference on Recent Advances in Computing and Software Systems. 25 – 27, Apr 2012 at Chennai. Organized by the Dept. of CSE, SSN College of Engineering, Chennai in association with IEEE Madras Section, IEEE CS, CSI Chennai Chapter & Div IV. Contact: Dr. Chitra Babu. Phone: +91-44-27469700, Email: [racss2012@cse.ssn.edu.in](mailto:racss2012@cse.ssn.edu.in) Web: <http://www.racss2012.com>
- International Workshop (two week refresher course) on “Advanced Data Structures and Algorithms”. 4-15 June 2012 and 18-29 June, 2012 at Thapar University, Patiala. Last date for registration: 29<sup>th</sup> Feb, 2012 (or the date when seats are filled) Contact : Dr. Deepak Garg at [dgarg@acm.org](mailto:dgarg@acm.org)

### ICT News: Voices & Views

- The total addressable market for domestic technology and business outsourcing services in India will grow five-fold over the next decade to \$90-100 b – Nasscom.
- Set-top boxes would be available at sub-\$20. – Dr. J.S. Sarma, Chairman, TRAI.
- “Work conditions in IT/ITeS may be bad but employees are unable to express it, they fear blacklisting or thrown out of the company.” -- CITU.
- The cloud market is expected to grow to \$250 billion by 2020, and about 50% of solutions are going to move to the cloud -- Forrester.
- Over 71% of the people surveyed didn't know the detailed cost breakdown of each data centre. -- A study by Wipro.
- “Education is the fourth and last area of opportunity for India to seize, and take to the level of personal computer industry.” -- Mr Gopal Srinivasan, Chairman, TVS Capital Funds Ltd.
- India becomes top spam-sending nation in the world, accounts to 12% of spams. -Trend Micro
- The BFSI market size in India was about \$170 b in 2009-10. It is estimated that the IT spend in the sector is roughly about 1.5-2% of the total market size.
- IT spending in India will rise by 9.1% in 2011. – Gartner.
- Indian electronics industry currently pegged at \$45 b and growing at 25-27% year on year will exceed \$190 b by 2015 and grow to \$400 b by 2020 and would account for 12% of the then global production -- Electronic Industries Association of India.
- Most GenY employees flout IT rules at workplace; Indians worst offenders. – Study by Cisco
- Internet helps users gain confidence. -- Study by TNS
- BPO industry unfazed by new US Call Centre Bill.
- By 2020, emissions from the ICT sector will make for 2.8% of global emissions. India's total e-waste generation is estimated to be 8,00,000 tonnes by 2012, and the ICT sector accounts for 34% of it. -- DG, TERI

## ICT News: Telecom, Govt, Policy, Compliance

- The DoT is planning to de-license the 433 Mhz frequency band for utility services.
- TRAI expects the digitisation of nationwide cable network to be completed well ahead of the recommended deadline of 2014.
- Mr Kapil Sibal, holds meet on social networking usage in the country.
- DoT to make it mandatory for mobile companies to tap into renewable sources of energy for powering their towers.
- DoT seeks Cabinet's nod to sell VSNL's (now Tata Communications) surplus land which may fetch the exchequer Rs 6,150 crore.
- Govt. proposes to set up a Rs 10,000-cr Electronic Development Fund (EDF) next .
- Capacity crunch at server delays unique ID numbers.
- TN Govt. plans to introduce new info-tech, IT-enabled service policy.
- DoT has decided that 3G roaming pacts between the operators are illegal.
- DoT explores auction route to fix 2G spectrum fee.

## ICT News: IT Manpower, Staffing & Top Moves

- High taxes, removal of sops turn IT companies away from Pune.
- Every lakh sq. ft of IT Park creates 1,000 jobs a shift. -- Mr Atul Chordia, Chairman, Panchshil Realty.
- Nasscom Foundation and Wadhvani Foundation have partnered to provide one lakh jobs to physically challenged young adults in Indian IT and BPO companies.
- The top five companies in India spent a total of Rs 13,190 cr on staff cost for the quarter ended Sep 30, a 12 % increase over last year.

## ICT News: Company News: Tie-ups, Joint Ventures, New Initiatives

- Google has announced the closure of its online collaboration facility "Wave" on 30<sup>th</sup> Apr 2012.
- Infosys BPO has decided to set up rural centres in Tier II and Tier III towns in foreign countries.
- Infosys and Tata have won the Global Most Admired Knowledge Enterprises (MAKE) Award 2011.
- C-DOT transfers broadband technology to 7 firms.
- EMC eyes tie-up with smaller varsities to boost security research.
- The stock of IT major Infosys replaces Reliance Industries as the number one stock (on 9<sup>th</sup> Dec 2011) in the BSE Sensex and the NSE Nifty in terms of weightage.
- The auction at Sapient that made Rs 28 lakh this year will be given away to six NGOs.
- Wipro Technologies has been ranked as a global leader in testing services by Ovum.
- Yahoo launches Cocktails - a new set of tools & platforms such as HTML5, Node.JS, CSS3 and JavaScript — to help users develop and switch applications on the Web.
- Nokia Money, the mobile wallet service will now be available across the country.
- After Airtel, now Vodafone to disconnect inactive users.
- Akash, world's lowest priced tablet sold out; pre-bookings open for Ubislate, the upgraded version.
- Mahindra Satyam unveils 'workspace as a service' solution.

## Books

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 S.Chand Publishing have come forward to present these books to the winners of the Info Quiz.

**Cloud Computing Bible:** The potential for lowering IT costs makes cloud computing a major force for both IT vendors and users. This book is a complete reference to cloud computing that presents the technologies, protocols, platforms and infrastructure that make cloud computing possible and desirable. This book could appeal to those individuals interested in learning what cloud computing is and what it is all about, but more importantly topics such as infrastructure and service level agreements, security, mobile cloud computing and more will appeal to administrators and IT staff who have been asked to look into and possibly roll out cloud computing at their businesses. This book covers the subject in 21 chapters under five parts: Examining the Value Proposition; Using Platforms; Exploring Cloud Infrastructures; Understanding Services and Applications; and Using the Mobile Cloud. Author: Barrie Sosinsky. Published by Wiley India Pvt. Ltd. Pages: 528. Price: Rs.569/=. More about the book and detailed contents of the book at <http://goo.gl/JZJap> Readers of CSI-eNL can get this book at 20% discount with free shipping. Contact: [abbhardwaj@wiley.com](mailto:abbhardwaj@wiley.com) (This book is being given as a prize to the Info Quiz Winners)

**Software Project Management:** This edition aims to facilitate an updated study of software project management with respect to contemporary developments in the field. This book includes numerous examples of important principles through a running case study. The book chapters include: Introduction to Software Project Management; Project Evaluation and Programme Management; An Overview of Project Planning; Selection of an Appropriate Project

Approach; Software Effort Estimation; Activity Planning; Risk Management; Resource Allocation; Monitoring and Control; Managing Contracts; Managing People in Software Environments; Working in Teams; and Software Quality. The appendixes feature Prince2—An Overview & Project Management Tools. This book will be useful to both professionals and students of Software Engineering programmes. Authors: Bob Hughes, Mike Cotterell and Rajib Mall Published by Tata McGraw Hill Education Pvt Ltd. Pages: 432. Price: Rs. 450/=. More about the book at <http://goo.gl/VLSAq> Readers of CSI-eNL can get this book at 20% discount with free shipping. Contact: [John\\_Mathewsindia@mcgraw-hill.com](mailto:John_Mathewsindia@mcgraw-hill.com) (This book is being given as a prize to the Info Quiz Winners)

**Implementing Six Sigma in Education Towards TQM in Academics:** This book deals with an experiment towards excellence in Education with a means to solve issues revolving around the teaching learning process. It reflects a means to promote problem solving issues as Six Sigma projects through the concept of team management through generation of ideas via brainstorming and other problem solving methods. The book highlights the importance of quality as a habit towards getting the fame for the school. The book begins with an introduction to quality in education, and deals with the school's requirement today as a learning hub with learning objectives outshining options of choice and work order. Then the requirement of identification of problems in schools on ground of teachers/students and Parents with inception of meaning of Six Sigma in the field of education and its value to education world is dealt. The book further relates to the impact of IT on quality in education, quality circles approach towards TQM, with a specific integration of problem solving techniques to attain total quality. Later part of the book discusses about the development of student leadership skills towards total quality. Few chapters relate to steps towards overcoming the habit of procrastination by teachers, capsules towards quality parenting and developing leadership skills of the teachers. The requirements of being a Digital teacher through incorporation of new age skills have also been explained. The books sums up finally the Six Sigma Projects for schools which make the learning-teaching scenario innovative and a learners' delight!. This book will serve as guide for a 21<sup>st</sup> century educator. Author: Dr. Dheeraj Mehrotra. Published by S.Chand Publishing, a division of S. Chand & Company. Pages: 168. Price: Rs. 195/= More about the book at <http://goo.gl/akyzr> (This book is being given as a prize to the Info Quiz Winners)

#### **InfoQuiz-2012-01-01 (SEVEN Prizes to Win – THREE Books & FOUR Prizes of Rs. 500/- each)**

1. Provide the answer: Linux: Penguin = Perl: -----
2. Identify the company whose tagline is "When IT is mission critical"
3. Who coined the term "Debugging"
4. Provide the answer: The Quick Response (QR) Code was invented in (country) -----
5. What is common to all these: Magiq, Enjoy, Slide, Xoom

Email your answers by **31<sup>st</sup> Jan 2012** to [csi.infoquiz@gmail.com](mailto:csi.infoquiz@gmail.com) with subject "**infoquiz-2012-01-01**". Please provide your name, designation, company/institution, full postal address (to send the prize) and the contact phone nos. after the answers. There are seven prizes to win. Two prizes of Rs. 500/= each by **SRA Systems** ([www.srasys.com](http://www.srasys.com)) and two prizes of Rs. 500/= each by **VictoryMind Educare Services**. Other 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](http://www.wileyindia.com)), **Tata McGraw Hill Education Pvt Ltd** ([www.tmhshop.com/](http://www.tmhshop.com/)) and **S.Chand Publishing** ([www.schandgroup.com](http://www.schandgroup.com)). Answers along with the winners' info will be published in the next issue.

#### **Answers & Winners of InfoQuiz-2011-12-01**

- Lenovo, Denise Ritchie, 8<sup>th</sup> Jun 2011, Ronald Wayne, Bring Your Own Device
- Rs. 500/= from SRA Systems – Mr. Ch. Satyanarayana Rao (Chennai) & Dr. T. Revathi (Sivakasi)
- Rs. 500/= from Victory Mind Educare Services – Mr. G. Sai Bharath (Bangalore) & Ms. M.R. Dhivya (Coimbatore)
- Book from Oxford University Press – Mr. B. Sundaram (Chennai)
- Book form TMH – Mr. Pandu Rangan V (Tumkur)
- Book from SPD – Mr. Amol Purushottam Zore (Pune)

#### **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 1<sup>st</sup> 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 us at [hrmohan.csi@gmail.com](mailto:hrmohan.csi@gmail.com)

#### **eNewsletter Committee**

Mr. H. R Mohan ([hrmohan.csi@gmail.com](mailto:hrmohan.csi@gmail.com)) & Mr. Pavan Kota ([pavankota@kinduz.com](mailto:pavankota@kinduz.com))