



CSI eNewsletter

Vol. 3 Issue 2 dt. 1st Feb 2012
csi-enl-2012-02-01.pdf

Compiled by
H.R. Mohan
Chairman, Div IV, CSI
AVP (Systems), The Hindu
859, Anna Salai, Chennai 600002
hurmohan.csi@gmail.com
<http://infoforuse.blogspot.com/>

<http://www.csi-india.org/web/csi/enewsletter>

The future of the networked company: Even during the present slowdown, networked companies are outperforming conventional ones. They are likely to go on doing so. This article picked up from the McKinsey Classics Newsletter listing articles of enduring interest, will be of interest to our readers. Read it at <http://goo.gl/bvfgP>

Free tools for removing malicious software: Malicious software (be they viruses, rootkits, trojans, worms, or malware) are so prevalent it seems one of the primary jobs for IT is the protecting, cleaning, and removing of said software. It seems no matter how hard you try, or how much you pay for the software you use to protect your desktops, it always seems like a losing battle. Fighting that losing battle really hurts when you are spending a good deal of your IT budget (if you even have an IT budget) on software to protect machines from attacks. It doesn't have to be that way. I have found plenty of tools that can help in the quest to have a virus/malware-free environment. These tools at <http://goo.gl/WkHQb> can be either installed on your machines or used as a toolkit to carry with you to fight the good fight. You won't find enterprise-grade tools here.

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.

Dumb IT Mistakes: Readers Share Their Biggest IT Goofs: Even the sharpest tools in the IT shed blunder from time to time. Here are a few of your biggies. On April 21, 2011, the Amazon cloud service went down, with large chunks of the network staying offline for three full days. Even worse, some customers never got all their data back. Was it a natural disaster? Hackers from Bulgaria? No, an Amazon IT worker simply mis-configured the network, moving large volumes of traffic to parts of the network designed for low-capacity work. Ouch. While a colossal blunder in its impact, errors like these are rather simple to make. In fact, 16 *Redmond* readers came clean with their biggest blunders at <http://goo.gl/YqI7R>

Book: IP Network Design Guide: This redbook identifies some of the basic design aspects of IP networks and explains how to deal with them when implementing new IP networks or redesigning existing IP networks. This project focuses on internetwork and transport layer issues such as address and name management, routing, network management, security, load balancing and performance, design impacts of the underlying networking hardware, remote access, quality of service, and platform-specific issues. Application design aspects, such as e-mail, gateways, Web integration, etc., are discussed briefly where they influence the design of an IP network. Download this 324 pages book from <http://goo.gl/EmvQj>

Google's Quality Guidelines for Webmaster: Following these guidelines at <http://goo.gl/kAd7G> will help Google find, index, and rank your site. Even if you choose not to implement any of these suggestions, we strongly encourage you to pay very close attention to the "Quality Guidelines," which outline some of the illicit practices that may lead to a site being removed entirely from the Google index or otherwise impacted by an algorithmic or manual spam action. If a site has been affected by a spam action, it may no longer show up in results on Google.com or on any of Google's partner sites.

Top Holiday Gifts For Data Scientists: Jeff Hammerbacher is co-founder and chief scientist at Cloudera, an enterprise software company. Recently featured in the Forbes 30 under 30, Hammerbacher coined the term "data scientist" with DJ Patil in 2008. Now it's Silicon Valley's hottest job title. Here at <http://goo.gl/8JKgQ> he shares some gift ideas for data scientists.

Social Media Week: Social Media Week is a global platform for conversation, collaboration and learning. Delivered biannually through a network of conferences and through social media, Social Media Week literally connects hundreds of thousands of people every year through learning experiences that aim to advance our understanding of social media's role in society. We're an unconference of sorts. And you're just in time for our next series of activities- happening simultaneously in 12 cities around the globe this February 13-17. Events hosted directly by Social Media Week are free to attend and events hosted in conjunction with Social Media Week are primarily free or significantly subsidized. Details at <http://goo.gl/IgNFK> Events Schedule at <http://goo.gl/iJoWO>

Around the World: The Importance of the IT Policy: Although IT has been highlighted as a problem in schools, there is no doubt that it has drastically changed the face of education over the years. This 224 pages report at <http://goo.gl/2WXa8> discusses a framework for IT policies to further transform education, and includes case studies that reveal trends in countries as varied as Singapore, Jordan and Namibia. Learn about IT policies across the world, and see how these differ.

Regulatory Compliant Cloud Computing: Rethinking web application architectures for the cloud: Unless your organization is unique, not all your data is sensitive. This raises the question: should scarce security resources be used to protect 100% of your data? The logical approach should be to build your IT infrastructure in a manner that optimizes your investments: protecting what matters while managing non-sensitive data with minimal controls. This white-paper at <http://goo.gl/Sw2ES> presents an architecture for building the next generation of web-applications. This architecture allows you to leverage emerging technologies such as cloud-computing, cloud-storage and enterprise key-management Infrastructure (EKMI) to derive benefits such as lower costs, faster time-to-market and immense scalability with smaller investments – while proving compliance to PCI-DSS, HIPAA/HITECH and similar data-security regulations. We call this Regulatory Compliant Cloud Computing, or RC3.

10 Internet technologies that educators should be informed about: There are so many different tools and technologies available on the internet today, and so many associated terms and concepts. This posting lists the important internet technologies for educators to be aware of, and informed about? Read the original post at <http://goo.gl/lv5xv> Update story at <http://goo.gl/zw4dM>

CIO Survey on Enterprise Mobility: Survey Report: Enterprise mobility ranks high on the ‘priority’ list of most Chief Information Officers (CIOs) across the world. However, to gain from it, CIOs need to understand how to maximize business benefits in a cost-effective and secure way. Today, many CIOs are in the process of drawing up a roadmap for enterprise mobility. Through the CIO Research Center, CIO Association of India (CAI) conducted a survey to understand how CIOs perceive enterprise mobility and what factors influence the decisionmaking. Read the findings at <http://goo.gl/Bif5N>

Free CD featuring Multiphysics Simulation Projects: Over 700 papers, posters, and presentations on engineering simulations presented in the COMSOL Conferences held in Boston, Stuttgart, and Bangalore in the fall of 2011 are now available at <http://goo.gl/n8jNT> The subject and research areas include: AC/DC Electromagnetics; Acoustics and Vibrations; Batteries, Fuel Cells, and Electrolytic Processes; Biotechnology; Chemical Engineering and Reactor Design; Electromagnetic Heating; Fluid Flow; Geophysics and Geomechanics; Heat Transfer and Phase Change; MEMS and Nanotechnology; Microfluidics; Multiphysics; Optics, Photonics and Semiconductors; Plasma Physics; RF and Microwave Engineering; Simulation Methods and Teaching; Structural Mechanics and Thermal Stresses; and Subsurface Flow. The contents of the CD include: 301 technical papers; 223 presentations; 186 posters; and 21 animations and movies.

Free Online Tutorial on Introduction to Secure Coding for C/C++: Take advantage of continuous education for your development team. If your developers code in C++, they need to understand the fundamentals of secure coding. This free online learning course consists of three 30-minute modules: Introduction to Software Security; Nine Time-Tested Defensive Coding Principles; and Explaining Buffer Overflows. This online course will only be available for a limited time at <http://goo.gl/bcXvZ>

10 Linux applications that are perfect for educational environments: Good educational software is hard to come by. And with ever-tightening budgets, it only makes sense that many schools are turning to Linux and open source software to save money. Most people have no idea how many outstanding educational applications there are for the Linux operating system. In the post at <http://goo.gl/DqS81> dealing with ATutor, iTalk, Online Grades, Open Admin for Schools, FET, GCompris, Edubuntu, KStars, KWordQuiz, Childplay, one may find at least one application that’s just right for his situation.

Toward an Integrated Digital Workplace: Integrating workplace applications and tools can help completing tasks quicker, leading to substantial productivity gains. Therefore, it is critical for enterprises to identify potential opportunities to integrate the various workplace tools and business applications to provide a seamless, personalized and contextual user experience that will have a significant impact on the overall business outcomes. This white paper at <http://goo.gl/4Qif7> highlights the possibilities and benefits of enhancing the effectiveness of the online digital workplace by integrating existing business tools and applications.

Wiring the open-source enterprise: Open innovation has been gathering force in recent years, thanks to the emergence of the Internet as a global information-sharing network; the increasing importance of digitizable, knowledge-based products and services; and the sheer volume of data being generated, processed, and stored by a wide range of enterprises. The world is evolving toward more frequent competition between the open-source and proprietary models for developing products and services. The seemingly tactical organizational issues discussed in this article at <http://goo.gl/tZicA> should increasingly influence the innovations, intellectual-property approaches, and strategic evolution of a wide variety of enterprises. They deserve a place on senior management’s agenda.

Code of best practices in fair use for academic and research libraries: This is a code of best practices in fair use devised specifically by and for the academic and research library community. It enhances the ability of librarians to rely on fair use by documenting the considered views of the library community about best practices in fair use, drawn from the actual practices and experience of the library community itself. It identifies eight situations (listed below) that represent the library community's current consensus about acceptable practices for the fair use of copyrighted materials and describes a carefully derived consensus within the library community about how those rights should apply in certain recurrent situations. Read about them at <http://goo.gl/aAyQv>

Video: Why it is Time to Make the Move to IPv6: While IPv6 it is not widely used today, organizations need to start planning their migration now as IPv4 addresses are running out. This 6 min 27 sec video at <http://goo.gl/n6S8K> discusses the reasons organizations have not moved off of the IPv4 platform, and the obstacles many have faced when trying to implement IPv6. The video also discusses why a move to IPv6 is needed now, looks at best practices of early adopters, and notes the benefits an organization can realize once the move is made effectively.

Compare the cloud performance of providers from around the world with this free tool! Considering using an infrastructure as a service (IaaS) or platform as a service (PaaS) to host your applications? Are you concerned about performance and availability? The Global Provider View at <http://goo.gl/wBFBf> continuously monitors each of the major cloud service providers. See firsthand, in real time, how well they perform from Internet backbone locations around the globe.

Five apps for crapware cleanup: If you buy new PCs from OEMs, you are probably all too familiar with the plague known as "crapware": the useless applications that come installed with Windows. Crapware wastes space, often ties up your RAM and CPU power, and can be a major hassle to get rid up. Luckily, there's a solution. These five applications detailed at <http://goo.gl/pHSxw> will help you deal with the crapware quickly and safely.

Community Grants: The Internet Society is a nonprofit organization founded in 1992 to provide leadership in Internet related standards, education, and policy. It is dedicated to ensuring the open development, evolution and use of the Internet for the benefit of people throughout the world. A Community Grants Programme has been established to assist Internet Society Chapters and members up to USD 10,000/= The preferred focus areas for project applications are: IPv6; Local content creation (encouraging demand for and use of the Internet for a specific community); Encouraging the multi-stakeholder approach to technical and policy issues; and Interconnection and traffic exchange. More details at <http://goo.gl/O3jd5>

The Google Science Fair: It is an online science competition seeking curious minds from the four corners of the globe. Anybody and everybody between 13 and 18 can enter and win exciting prizes which include: A National Geographic Expedition, Google scholarship worth \$50,000 +++. Entries are accepted till 1st Apr 2012. More details at <http://goo.gl/0517F>

Rules of the garage

The rules of the garage are a set of twelve rules that attempt to encapsulate the work ethos that Bill Hewlett and David Packard when they founded Hewlett-Packard. The rules are:

- Believe you can change the world.
- Work quickly, keep the tools unlocked, work whenever.
- Know when to work alone and when to work together.
- Share tools, ideas. Trust your colleagues.
- No Politics. No bureaucracy. (These are ridiculous in a garage).
- The customer defines a job well done.
- Radical ideas are not bad ideas.
- Invent different ways of working.
- Make a contribution every day.
- If it doesn't contribute, it doesn't leave the garage.
- Believe that together we can do anything.
- Invent.

Few More

"Any problem can be solved with the materials available in the room at the time." – *Edwin Land*

"When working on a problem, I never think about beauty; I only think of how to solve the problem. But when I have finished, **if the solution is not beautiful, I know that it is wrong.**"
– *R. Buckminster Fuller*

"If you want to increase your success rate, double your failure rate." – *Thomas J. Watson*

"The day soldiers stop bringing you their problems is the day you have stopped leading them. They have either lost confidence that you can help or concluded you do not care. Either case is a failure of leadership." – *Colin Powell*

"The odds are greatly against you being immensely smarter than everyone else in the field. If your analysis says your terminal velocity is twice the speed of light, you may have invented warp drive, but the chances are a lot better that you've screwed up." – *attributed to Dave Akin*

"If you are going through Hell, **keep going.**" – *Winston Churchill*

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

- 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
- 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 Website: 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 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 Web: www.cvrge.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, Web: www.ieeecs-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: 30th Jan 2012. Contact ncvescom2012@gmail.com Website: 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 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: 29th Feb, 2012 (or the date when seats are filled) Contact : Dr. Deepak Garg at dgarg@acm.org

ICT News: Voices & Views

- Thailand floods -- impact will be nearly 40% of global demand, causing tremendous supply shortage for laptops and desktops. -- Dr Alok Bharadwaj, President, MAIT
- Gaming Industry in India is expected to generate Rs 3,100 cr by 2014.
- It is projected that the turnover of Semiconductor industry would be around \$ 400 b by 2020 and will generate 2.8 cr jobs. – Study by Assocham and Frost & Sullivan
- By 2016, most consumers in mature markets will consider in-vehicle Web access as a key criterion in their automobile purchase. -- Gartner
- By 2015, new, external social Web and cloud-based services will generate 25% of consumer-driven banking products and services. -- Gartner
- By year-end 2014, at least one social network provider will become an insurance sales channel. – Gartner
- Gartner has lowered its growth forecast for global IT spending in 2012 from 4.6% to 3.7%, at \$3.8 trillion over \$3.7 trillion in 2011.
- About 96% of the mobile consumers are in the pre-paid category.

- Consumption of electronics in India is all set to cross \$400 b by 2020 from the present \$40 b and the electronics import bill to outpace oil spend.
- The Indian ITES industry faces a threat from competing locations such as Philippines, Vietnam, China, Poland, Hungary, Mexico, Brazil and Egypt. – ASSOCHAM.
- India Inc in race for own domain name with an upfront fee of \$185000 and an annual charge of \$25000.
- The entertainment visual effects industry is estimated at \$222 million in 2013.
- There are 2800 telemarketing companies registered with the Government.
- Mobile device sales in India are estimated to reach 231 m units in 2012, an increase of 8.5% over 2011 sales of 213 m units. To surpass 322 m units by 2015. – Gartner
- “In India, industry expects to sell around 45 lakh laptops and 3 lakh tablets in the current financial year. While laptops will witness around 15% growth, tablets will grow at 100%.” – MAIT
- “An average voice-based support job would cost \$35-40,000 (or about Rs 20 lakh) a year. Compare this with Rs 3-4 lakh in India”. -- Mr L. Suresh, President, ITsAP
- eBay is accessed by 99 m users in India across 3,311 locations; of these 1,267 are classified as rural areas.
- Apple's entry into the electronic textbook industry is being viewed by Indian electronic textbook creators with a certain amount of reserve.
- “Low adoption of information technology tools in education sector which is likely to grow to \$34 b in 2012 is a major challenge”.

ICT News: Telecom, Govt, Policy, Compliance

- DoT to issue show-cause notices to five leading telecom firms for allegedly reporting lower revenues to avoid payment of licence fee.
- TRAI has made it mandatory for telecom operators to set up a web-based system to track the customer complaints.
- Four years on: New 2G players fail to take off. The six operators hold 29% of the country's spectrum, but account for merely 8.5% of the total subscriber base, and 3.5% of industry mobile revenue.
- SIM cards liable to service tax: Apex Court.
- DoT told to consider giving USO subsidy directly to rural users. Mobile users to get a subsidy of 20% on bills of less than Rs 300 a month. A one-time subsidy of Rs 250 could also be given at the time of new connections.
- The Dept. of IT has given its sanction to prosecute Internet companies based on a complaint against them for allegedly allowing objectionable contents on their websites.
- Vodafone wins Rs 11,000cr tax case in Supreme Court.
- Telecom panel suggests auction route to fix 2G spectrum fee.
- Unique ID row resolved; Authority to resume work in April after review.

ICT News: IT Manpower, Staffing & Top Moves

- “Embedded systems segment would require 5.5 lakh more engineers by 2015 against 2.5 lakh engineers now. VLSI segment would require 55,000 more by 2015.” -- Mr J.A. Chowdary of TiE.
- Torry Harris Business Solutions, a US-based IT services firm to recruit over 400 in the first half of this year.
- 12% salary hike forecast for employees of top 13 IT firms. The attrition rate amongst the Big 13 at 22 % (the industry average is 19%)
- Staff count in top four IT firms set to touch 6 lakh this year.

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

- On 30th Dec 2011, TCS became the largest Indian company with market capitalisation of Rs 2.27 lakh cr overtaking Reliance Industries (2.26 lakh cr).
- Etechies.in provides online and on-site technical support for home PCs, laptops, printers and wireless gadgets, virus removal support and more.
- Inmarsat is in talks with BSNL to offer broadband services in the country.
- Railways' i-tickets on way out as e-tickets gain popularity.
- Now, a buffalo goes up for sale on eBay site.
- Datawind - the creator of the Aakash tablet - shrugged-off charges leveled by the Indian Cellular Assn that their sub-Rs 3000 tablets were based on outdated technology.
- Accenture, Yahoo! tie up for ideation contest.

Books

Brief reviews of books useful to students and professionals are included in this column. The publishers -- Wiley India Pvt. Ltd and Tata McGraw Hill Education Pvt Ltd have come forward to present these books to the winners of the Info Quiz.

Theory of Computation – A Problem Solving Approach: This book presents the core ideas in the difficult subject of the Theory of Computation in a clear and simple language so that students are not lost in obscure formalisms. It combines contemporary examples with effective pedagogy through a problem-solving approach. The subject has been

covered in 12 chapter as under: Computers and the Science of Computing; Automata; Non-Deterministic Finite Automata; Regular Languages and Expressions; Grammars; Nature of Regular Languages; Context-Free Languages and Grammars; Pushdown Automata; Nature of Context-Free Languages; Turing Machines; The Chomsky Hierarchy; and Computability and Undecidability. The Formal Language Quiz provided as an appendix enforces the understanding of the subject. The consolidated set of 36 theorems presented serve as a reference. The Glossary and Further Reading list are useful. The accompanying DVD contains runnable examples, model question papers and video lectures on how some of the exercise problems can be solved. This book will serve as a text book for the CSE, IT and MCA students as well as a reference source for the professionals. Author: Kavi Mahesh. Published by Wiley India Pvt. Ltd. Pages: 368. Price: Rs.349/=. More about the book and detailed contents of the book at <http://goo.gl/Ri8gP> 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)

To the Cloud: Cloud Powering an Enterprise: This book will serve as an essential guide for IT professionals seeking to lower TCO, improve ROI of existing services and help the business bring new products to market more quickly. Applicable to all cloud platforms and providers, this practical resource debunks myths and reveals real clouds are more than just web hosting, virtualization, or the Internet itself rebranded. It takes a balanced approach, addressing concerns and hybrid adoption scenarios alike. Leveraging the authors' proven expertise working for Microsoft's CIO on cloud migration and with cloud platform development teams, the book is supported by clear frameworks, graphics, tables, summaries, and checklists to provide a true practitioner's guide to the cloud. In this book, you will learn how to • Explore cloud computing to understand its promise and challenges • Envision how cloud computing can transform your organization • Enable your organization with the necessary resources and skills • Execute the design, development, and operation of cloud workloads. The chapter on Emerging Markets and the Cloud presents interesting case studies. Authors: Pankaj Arora, Raj Biyani and Salil Dave. Published by Tata McGraw Hill Education Pvt Ltd. Hard Cover. Pages: 144. Price: Rs. 595/=. More about the book at <http://goo.gl/tSYEY> Readers of CSI-eNL can get this book at 20% discount with free shipping. Contact: Chinmayee_Raju@mcgraw-hill.com (This book is being given as a prize to the Info Quiz Winners)

InfoQuiz-2012-02-01 (SIX Prizes to Win – TWO Books & FOUR Prizes of Rs. 500/- each)

1. ----- is a measure of the amount of radio frequency (RF) energy absorbed by the body when using a handset
2. Identify the company whose tagline is "Sponsors of Tomorrow"
3. Who said this? "A computer is like air conditioning; it becomes useless when you open Windows".
4. Email has been around longer than the World Wide Web. State True or False
5. ----- is the predecessor to Facebook

Email your answers by **29th Feb 2012** to csi.infoquiz@gmail.com with subject "**infoquiz-2012-02-01**". Please provide your name, designation, company/institution, full postal address (to send the prize) and the contact phone nos. after the answers. There are SIX 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**. Other two 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), and **Tata McGraw Hill Education Pvt Ltd** (www.tmhshop.com). Answers along with the winners' info will be published in the next issue.

Answers & Winners of InfoQuiz-2012-01-01

- Camel, netmagic, Grace Hopper, Japan, Tablets
- Rs. 500/= from SRA Systems – Mr. R.Jayakanthan (Chennai) & Ms. Pooja Pattnaik (Bhubaneswar)
- Rs. 500/= from Victory Mind Educare Services – Mr. Prasad V. Gujela (Mumbai) & Aniruddha Singhal (Gwalior)
- Book from Wiley India – Ms V Priya (Chennai)
- Book form TMH – Mr. Sumeet Pardeshi (Nashik)
- Book from S. Chand & Co – Dr. K. Muneeswaran (Sivakasi)

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 us at hrmohan.csi@gmail.com

eNewsletter Committee

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