



CSI eNewsletter

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History of Computing in India – 1955 to 2010: In this report the author Prof. V. Rajaraman, Fellow of CSI and Hony. Professor at Supercomputer Education and Research Centre, Indian Institute of Science, Bangalore has traced the history of computing in India from 1955 to 2010. He has identified four break points in the historical development, each breakpoint caused by changes in the political climate and consequent changes in the government policies on the development of computers. The initial period 1955 to 1970 was a period of exploration with no specific government policies guiding this technology. The second break point came in 1978 after the government led by the Congress party was defeated in 1977. The third break point came in 1991 when India was about to default on the payment of foreign debt. The fourth break point came in 1998 when the new government under Atal Bihari Vajpayee declared “IT as India’s tomorrow”, and took a number of proactive measures to promote software companies. It has an interesting Time-Line – Development of Computing in India. This document was written as a project of the IEEE Computer Society History Committee and is made publicly available in this format as collaboration between the Computer Society and the author at <http://goo.gl/YZDxc>

Cloud Computing: The New Normal? Cloud computing is more than just another IT platform shift—it will transform not only the IT industry, but every sector of society. Several converging and complementary factors have led to cloud computing's emergence as a new IT service delivery model that appeals not only to the IT industry but also to individual users, businesses, educational institutions, governments, and community organizations. This new bimonthly column to appear in IEEE Computer will examine cloud computing's impact now and in the future. Contributions from researchers, developers, service providers, adopters, and others will address questions related to technological trends and developments, research opportunities, best practices, standards, and compliance requirements and regulations from various perspectives. To trigger an ongoing discussion, this inaugural article written by Dr. San Murugesan, CSI Life Member highlights the cloud's current status and importance, examines the key questions that cloud adopters and providers face, and explores the new paradigm's transformational potential. To read it pl. visit <http://goo.gl/TZUKO>
Courtesy: Prof. San Murugesan.

Cloud planning guide: Still trying to figure out how to implement cloud storage into your environment? This guide explains each step in the cloud planning process, from choosing the best cloud storage option to cloud disaster recovery. Visit <http://goo.gl/rveDM>

eBook: Cloud Computing: Discover the Skills that Power the Cloud: With the rise of cloud computing has come many shifts, not the least of which is a change in the skill sets required of IT professionals. This ebook will discuss core competencies needed to successfully administer a cloud environment as well as opportunities developing in the cloud computing market place. Download the eBook from <http://goo.gl/I3sVS>

Top 10 Business Intelligence Solutions: You have many options when selecting a business intelligence solution. To make your search a bit easier, we've featured some of the leading business intelligence vendors in this paper at <http://goo.gl/OtUR5> Review these companies and you'll be well on the way to finding the right business intelligence solution for your company.

Server virtualization technology guide: For solutions providers and VARs, virtualizing your clients' servers and staying up to date with the latest server virtualization hardware and software is challenging. This server virtualization technology guide will make you a virtualization expert. Learn the ins and outs of server virtualization management, compare its advantages and disadvantages, get tips on virtualization projects and news about products. Also, find out how to follow best practices for server virtualization installation, configuration and deployment at <http://goo.gl/ooYz9>

Desktop virtualization software and virtual desktop management guide: There's a ton of information out there about desktop virtualization software. This guide compiles the best virtual desktop management resources to help solutions providers better serve their customers. The topics in this guide include virtual desktop infrastructure (VDI) tools, the benefits of using VDI, how VDI compares to desktop virtualization and more. Learn how to help customers choose the right infrastructure approach and virtual desktop management tools by reading up on the various VDI deployment methods and management issues at <http://goo.gl/B6T5P>

Green IT systems services guide: How to conserve energy and cut costs. This green IT systems services guide offers solution providers with tips, interviews, news and quizzes that will help to expand their knowledge of green systems services. Green, energy-efficient systems may be attractive to your customers because they're environmentally friendly, but energy-saving green technologies can also save your customers money. Sustainable green systems can include green data centers, green desktops and virtualization, among other energy-efficient technologies. Learn how to recommend sustainable technology and how green systems can reduce your customer's energy and power costs. <http://goo.gl/TolpT>

Storage Learning Guides: Find resources about storage technologies, storage management, storage area networks (SANS), network-attached storage (NAS) and more along with storage-related quizzes and a larger collection of resources. <http://whatis.techtarget.com/reference/Storage-Learning-Guides> or <http://goo.gl/sg23u>

Data Management Learning Guides: Find in depth information about data integrity, data quality, data protection and more at <http://goo.gl/Rzqvc>

ebizQ eGuide: Teaming BPM and ECM for more effective content management: As trends such as mobile, cloud and "big data" make content management increasingly complex, many companies are using BPM to beef up their enterprise content management (ECM) efforts. Experts say that successful ECM strategies are changing--and becoming more process-oriented--to deal with today's disruptive forces. This growing collection of articles offers an overview of ECM and insight into how companies can combine it with BPM for improved content management. Learn about it from <http://goo.gl/4Cq0v>

Business intelligence strategy guide: Enterprises choose business intelligence (BI) technology to get value from their stored data. In this guide, learn about BI management and strategy. Enterprises increasingly are turning to business intelligence (BI) technology to analyze the data they have created and stored. The quantity of that data can be so large that sometimes it's referred to as Big Data. What impels companies to turn to BI technology? What kinds of data do they store, and what do they hope to learn from it? How is BI itself being adapted to new kinds of data, and what new forms do those adaptations take? Learn the answers to these questions and more in this business intelligence management and strategy guide for CIOs. This guide is part of SearchCIO.com's CIO Briefings series, which is designed to give IT leaders strategic management and decision-making advice on timely topics. <http://goo.gl/mORFA>

Human Resources and Social Media: Social media is an important tool for interacting with customers, building brand, attracting and retaining talent, and establishing the identity of your company. All of this has an impact on the HR function. Yet many executives view social media as a nuisance at best and a liability at worst. Regardless of opinion, social media is here to stay. Your employees, customers and job applicants are already using it, through Facebook, LinkedIn and Twitter. In order to effectively manage the risks and maximize the rewards of social media, policy, governance and tools should be seamlessly integrated within your corporate strategy. This 16 pages whitepaper at <http://goo.gl/ZrgZR> identifies considerations and offers recommendations for human resource executives who need to embrace social media.

Science as a Service: What happens when you apply software-as-a-service principles to science? Software as a service (SaaS) is one of the great innovations of Web 2.0. SaaS enables flexibility and customized solutions. It reduces costs — the cost of entry, the cost of overhead, and as a result, the cost of experimentation. In doing so, it's been instrumental in spurring innovation. So, what if you were to apply the principles of SaaS to science? Perhaps we can facilitate scientific progress by streamlining the process. Science as a service (SciAAS?) will enable researchers to save time and money without compromising quality. Making specialized resources and institutional expertise available for hire gives researchers more flexibility. Core facilities that own equipment can rent it out during down time, helping to reduce their own costs. The promise of science as a service is a future in which research is more efficient, creative, and collaborative. More at <http://goo.gl/2dRWt>

7 Innovative Solutions to CAPTCHA User Attention: Among the many solutions that Web workers have devised to improve security measures, as well as the user experience on their sites, is the CAPTCHA (or Completely Automated Public Turing test to tell Computers and Humans Apart), a solution that presents a challenge response test to users that ensures the "person" trying to access the site is actually a human, and not just an annoying spam bot. Unfortunately, while these solutions can be useful in theory, they are often more problematic when they're actually implemented. Not only can they be cumbersome, difficult to read and a generally unwanted hassle for users, but they're not even foolproof, as bots can use optical character recognition (OCR) software to crack the CAPTCHA code. As a result, developers have had to get creative with their CAPTCHAs, resulting in an improved experience for many users. More at <http://goo.gl/P4XGQ>

Free Trial Software: InfiniteGraph 3.0: It raises the bar for the graph database market by bringing unrivaled performance and scalability to distributed environments with a one-of-a-kind approach to querying and data navigation. InfiniteGraph 3.0 delivers a dramatic increase in performance over previous versions enabling just-in-time Big Data analytics for some of the world's largest companies and organizations as they gather, analyze, and visualize the connections between complex data for improved real-time decision support. Download link at <http://objectivity.com/downloads>

Exploring the Internals of Mobile Devices: On October 27, 2012, the Centre for Internet & Society (CIS) organised a one-day workshop on exploring the internals of mobile technologies at the TERI Southern Regional Centre in Bangalore. In this post at <http://goo.gl/AJozI> Jadine Lannon explores the discussions and the developments that took place at the workshop and has presentation copies on the topics: Capabilities of Arduino and Mobile Hacking using Linux Drivers.

The Software Industry and Developing Countries. The Information Economy Report 2012: This report published by United Nations Conference on Trade and Development (UNCTAD) is good source with wealth of information for use by Indian software industry, and policy makers. Download the report from <http://goo.gl/a2181> Courtesy: Prof. San Murugesan.

Video: Welcome to the 2020s (Future Timeline Events 2020-2029) : (7.40) This video intends to show some of the major events to happen in the following decade, by year (2020-2029). Please keep in mind that the information on that website keeps getting updated, rendering this video outdated every day. See the video at <http://goo.gl/jc6j2>

New Portal of CSI: Computer Society of India welcomes to the New Portal! and interested in having your feedback. The 1st feedback and every 5th feedback thereafter will receive One year free subscription of Dataquest/PCquest and you will also have a chance to win a cash award of Rs.10,000/- for the best feedback. Last Date: 17th February 2013. To provide your feedback, pl. visit <http://www.csi-india.org/web/guest/Feedback>

Positive Thinking

- “A man is but the product of his thoughts what he thinks, he becomes.” – Mahatma Gandhi
- “A person who has good thoughts cannot ever be ugly. You can have a wonky nose and a crooked mouth and a double chin and stick-out teeth, but if you have good thoughts they will shine out of your face like sunbeams and you will always look lovely.” — Roald Dahl
- “Change your thoughts and you change your world.” — Norman Vincent Peale
- “Every thought is a seed. If you plant crab apples, don’t count on harvesting Golden Delicious.” — Bill Meyer
- “It takes but one positive thought when given a chance to survive and thrive to overpower an entire army of negative thoughts.” – Robert H. Schuller
- “Look at everything as though you were seeing it either for the first or last time.” — Betty Smith
- “Once you replace negative thoughts with positive ones, you’ll start having positive results.” — Willie Nelson
- “People are zealous for a cause when they are not quite positive that it is true” — Bertrand Russell
- “Positive thinking will let you do everything better than negative thinking will.” — Zig Ziglar
- “Some people are always grumbling because roses have thorns; I am thankful that thorns have roses.” — Alphonse Karr
- “The best way to dispel negative thoughts is to require that they have a purpose.” — Robert Brault
- “The positive thinker sees the invisible, feels the intangible, and achieves the impossible.” — Author Unknown
- “When I examine myself and my methods of thought, I come to the conclusion that the gift of fantasy has meant more to me than any talent for abstract, positive thinking.” — Albert Einstein

Announcements

- Access the latest issue of CSI transactions on ICT at <http://link.springer.com/journal/40012>
- The CSI Journal of Computing is published four times a year. The Current issue Vol. 1 No. 3 is available at <http://www.csijournal.org/view-journal-current-issue.php>
- Access the Dec 2012 issue of CSI Whizkidd at <http://www.csi-india.org/whizkidd/>
- To join CSI as a member, visit <http://www.csi-india.org/web/csi/membership>
- To join ACM as a member, visit <http://india.acm.org/#become-a-member>
- Students may join IEEE and IEEE Computer Society, and get FREE access to the Computer Society Digital Library (CSDL) for only \$40. Visit <http://www.computer.org/portal/web/membership/home>
- To join IEEE Computer Society as a member, visit <http://www.computer.org/portal/web/membership/join>
- 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

- CSI Mumbai organizes a no. of technical events on a regular basis. To know the list of ongoing & forthcoming events pl. visit <http://www.csimumbai.org/csi-mumbai-events.asp>
- NSATSE-13: National Seminar on Architectural Thinking for Software Engineers. March 4-5, 2013 at SRM University, Chennai. Contact: nsatse2013@gmail.com
- ISCON-2013: International Conference on Information Systems and Computer Networks. 9-10, Mar 2013 at Mathura. Contact: iscon13.cea@gla.ac.in Website: <http://www.gla.ac.in/iscon2013/>
- NCISE-2013: National Conference on Information and Software Engineering. 22-23, Mar 2013 at Aarupadai Veedu Institute of Technology, Chennai. Contact: ncise2013@gmail.com Website: www.ieeeecs-ncise.com
- ICE-CCN 2013: International Conference on Emerging Trends in Computing, Communication and Nanotechnology. 25-26, Mar 2013 at Tuticorin. http://ijcet.ac.in/ICE-CCN_2013.html
- NCVESCOM 2013: 6th National Conference on VLSI, Embedded Systems, Signal Processing & Communication Technologies. April 3, 2013 at Aarupadai Veedu Institute of Technology, Chennai. Last Date for Paper Submission : 23/02/2013. Contact: Prof. D. Vijendra Babu, nvescom@gmail.com Website: www.avit.ac.in
- Workshop on Mobile Cloud Computing. April 4, 2013 at Velammal Engineering College, Chennai. Contact: tifacore.ganesan@velammal.edu.in or tifacore.anithajulian@velammal.edu.in Website: <http://tifac.velammal.org/>

ICT News: Voices & Views

- Internet turns 30 on 1st Jan 2013. TCP/IP becomes the standard to replace the more vulnerable Network Control Programme (NCP).
- In 2012, mobiles accounted for 51.63% of Web usage with desktop devices making up the remaining 48.37% - StatCounter.
- India is expected to have close to 165 million mobile internet users by March 2015, up from 87.1 million in December 2012 - IAMAI.
- Worldwide IT spending is projected to reach \$3.73 trillion in 2013, a 4.2% increase from \$3.58 trillion in 2012 – Gartner.
- Indians prefer buying a 7-inch, Android-based tablets which are priced below Rs 10,000 - Cyber Media Research (CMR).
- Internet emits 830 million tonnes of carbon dioxide and is expected to double by 2020 – report published in the journal Environmental Science & Technology.
- COAI has rubbished a new report linking electromagnetic radiation emanating from mobile phones to health risks.
- 45 million people use Internet in their local languages of which 64% are rural users and 25% are urban users - IAMAI and IMRB.
- Indian mobile phone market of 20 crore mobiles was valued at Rs 50,000 crore in 2012, but imports occupy nearly two third.
- India has lowest number of home Internet users among BRICS nations. Only 3% of the population had access in 2011 as against 34% in China, 51% in Russia, 40% in Brazil and 16% in South Africa - Gallup.
- China becomes the largest manufacturer of smartphones in the world, shipping over 200 million units last year.
- Bad spelling and grammar key to choosing safe password – Study by CMU.
- LTE (4G) revenues in India to reach \$11.88 billion in 2017 - Frost & Sullivan.
- 'Govt websites remain inaccessible to persons with disabilities' - evaluation by BarrierBreak Technologies.
- The Electronics Systems Design and Manufacturing (ESDM) market in India is expected to grow to \$94.2 billion by 2015 - Frost and Sullivan. ISA says it is overestimated.
- Samsung biggest semiconductor consumer. Samsung and Apple together consumed \$45.3 billion of semiconductors in 2012 – Gartner.
- Indian insurers to spend Rs 10,100 cr on IT in 2013 – Gartner.
- When compared with the global average of 2.8 Mbps connection speed, India is low at 1.0 Mbps. China had 1.6 Mbps – Akamai.
- India's Internet penetration, one of the lowest in Asia, is 11.4%; Pakistan's is 15.3%. The Asian average is 27.5%. South Korea leads with 82.5% followed by Japan at 79.5% - Vinton Gray Cerf.
- Banking, securities companies to spend Rs 41,600 cr on IT products, services – Gartner.

ICT News: Telecom, Govt, Policy, Compliance

- TRAI orders cable landing fee cut to make international bandwidth cheaper by 50%. Madras High Court stays.
- TRAI wants operators to roll out service, set up stations under the new unified licence regime.
- DoT looking to start the second round of 2G spectrum auction from March 11.
- 'Mechanism to certify electronic products to come up by April.
- Ministers' group wants base price for CDMA spectrum cut by half.
- JPC on spectrum to submit report before April.
- Govt.'s direct cash transfers may attract e-criminals, warn experts.
- Nokia's Chennai plant under tax scanner. Suspicion of tax default to the extent of Rs 2,500-3,000 crore.
- DoT asks telcos to pay one-time spectrum fee. Govt to get Rs 24,000 cr from one-time spectrum fee.
- Mobile phone makers seek zero duty regime to boost local manufacturing.
- Govt. invites applications for setting up of electronics manufacturing. Also looking at attracting investments of around 25,000 crore.
- Telecom subscriber base fell by over 13 million to 921.47 million in Nov 2012. Pvt. operators hold 88.19% of the wireless market share. BSNL and MTNL jointly hold 11.81%.
- DoT seeks Rs 20,000-cr bailout for BSNL, MTNL. Private telcos oppose the move.
- TRAI to finalise norms on deactivating inactive SIMs by March.
- DoT may withdraw enforcement powers from TRAI.
- Aadhaar: Printing issues lead to backlog of 4 crore numbers.
- 700MHz spectrum auction for 4G services in 2014 – Sibal.
- Govt. issues guidelines for the 2nd round of spectrum auction. Expected to fetch around Rs 45,000 crore. Telcos up against spectrum auction rules.
- GSM players oppose Reliance's plan to offer voice services using broadband spectrum.
- DoT to revive the Communications Convergence Bill. To bring in a super-regulator for the telecom and broadcasting sectors.
- Govt. launches 'eBiz' portal to service all business needs.

ICT News: IT Manpower, Staffing & Top Moves

- Mahindra Satyam to hire 1,500 engineering freshers.
- IBM appoints Vanitha Narayanan as Managing Director of IBM India Pvt Ltd.
- Nasscom, NIIT ink pact to train one lakh graduates of all streams in next 3 years.
- IT firms go slow on hiring, salary hikes as market gets tough. IT industry is expected to add 1.50-2 lakh jobs in the current fiscal as against 2.30 lakh in 2011-12 - Nasscom.
- Reddit co-founder Aaron Swartz hangs himself.
- TCS to recruit an additional 10,000 over and above its target of 50,000 this year.
- eInfochips to add 700 engineers next fiscal.
- Nokia to transfer 820 workers to HCL Tech, TCS in a restructuring exercise.
- Twenty-eight years after joining HCL Technologies, Vineet Nayar steps down as CEO.
- Nasscom asserts that the sector is doing its best to ensure security of over 800,000 women employed. Women comprise 24-32% in IT services & in the BPO segment at 35-42%.
- Gameloft Software shuts shop; 250 lose jobs.
- Deepak B Phatak, Sanjay Govind Dhande and Manindra Agrawal from IT field are selected for Padma Shri Award this year.

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

- Airtel launches mobile education services & courses for language skills, entrance exam preparation and career counseling.
- HP to launch tablet by Jan end. Not to enter smartphones market for at least next few years.
- KritiLabs's develops a free mobile app SafeTrac to track movement of people on a real-time basis.
- Smartphones can act as secure and versatile keys. Researchers from Germany demonstrate their ShareKey software.
- Wikipedia losing editors. Volunteer editors on the decline from around 56,000 in 2007 to some 35,000 at the end of 2012 – Univ. of Minnesota.
- New Facebook app to allow free voice calls to friends.
- Co-founder of PayPal, Elon Musk is planning to build a small city on Mars for 80,000 space explorers - but only vegetarians are invited!
- After YouTube, I&B Ministry readying to launch app for mobiles.
- Airtel reduces greenhouse gas emissions by 11% per terabyte.
- EU to force Google to change listing of search results.
- Reliance Industries' new telecom towers may double as street lights.
- Twitter may file for \$15-b IPO next year.
- Wikipedia group launches online travel guide -- Wikivoyage.org.
- Google may soon replace passwords with 'physical keys'.
- Mappls SafeWorld - An IT solution that promises 911- like emergency response launched.
- Want to clean up your Facebook profile? Get 'Facewash' app developed by Kent State Univ.,
- Aircel goes roaming free – first in the industry.
- Microsoft set to launch 'New Office' in India.
- RIM changes name to Blackberry. Lenovo exploring acquisition opportunities.
- India's first quad-core smartphone to be launched in first week of Feb by Karbonn Mobiles.
- 35 more firms object to Mahindra Satyam-Tech M merger.
- Google launches global science fair with prizes include a \$50,000 scholarship and a trip to the Galapagos with National Geographic Expeditions. The deadline for submissions is April 30.

Books

Brief reviews of books useful to students and professionals are included in this column. The publishers -- Tata McGraw Hill Education Pvt. Ltd, Wiley India Pvt. Ltd, Pearson India, Shroff Publishers & Distributors Pvt. Ltd, Universities Press, Springer, CRC Press and John Wiley & Sons have come forward to present these books to the winners of the Info Quiz.

IBM Cognos TM1 The Official Guide: This book offers complete coverage of the 64-bit in-memory online analytical processing (OLAP) engine. Based on the newest release, TM1 10, this official guide offers an advanced tutorial for TM1 concepts from a technical and a business point of view. The authors, members of the TM1 team, provide typical business examples and technical insights for building practical solutions, based on their own experiences. Emphasis is placed on teaching best practices and expanding skills to learn the more powerful capabilities of TM1. The book covers analytical processing, data entry, simulation, workflow components, and more. Authors: Karsten Oehler, Jochen Gruenes and Christopher Ilacqua. Published by Tata McGraw Hill Education Pvt Ltd. Pages:800. Price: Rs. 795/=. More about this book at <http://goo.gl/CuQG8> 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)

8086 Programming and Advance Processor Architecture: This book is designed as a text for one semester course that covers microprocessor programming and architectures of advance processors. It covers the architecture and programming of the popular Intel 16-bit microprocessor 8086 in depth; the architectural features of the 80286/386/486

processors; the protected mode software model of the 80386 including segmentation, protection, paging and multitasking; the technical overview of the Pentium family and finally overview of the RISC features with Sun SPARC overview. Useful to the students of many science and engineering branches including Computer Science/Engineering, Electronics Engineering, Electrical Engineering, Instrumentation and Control Engineering, M.Sc. in Electronics, M.Sc. in Information Technology and many more. Author: M.T. Savaliya. Published by Wiley India Pvt. Ltd. Pages: 348. Price: Rs.399/=. More about the book at <http://goo.gl/tz4x7> 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)

Business Communication Today: With its comprehensive coverage and treatment of contemporary practices and technologies, this book on business communication provides the cutting-edge coverage that students can count on to prepare them for real business practice. It is an ideal book for all students and professionals and in particular students of business communication courses. The text presented in seven parts cover: 1. Understanding the Foundations of Business Communication: Achieving Success through Effective Business Communication; Mastering Interpersonal Communication; and Communicating in a World of Diversity. 2. Applying the Three-Step Writing Process: Planning Business Messages; Writing Business Messages; and Completing Business Messages. 3. Crafting Brief Messages; Crafting Messages for Electronic Media; Writing Routine and Positive Messages;; Writing Negative Messages; and Writing Persuasive Messages. 4. Supporting Messages with Quality Information: Finding, Evaluating, and Processing Information; and Designing Visual Communication. 5. Planning, Writing, and Completing Reports and Proposals: Planning Reports and Proposals; Writing Reports and Proposals; and Completing Reports and Proposals. 6. Designing and Delivering Oral and Online Presentations; Developing Oral and Online Presentations; and Enhancing Presentations with Slides and Other Visuals. 7. Writing Employment Messages and Interviewing for Jobs: Building Careers and Writing Résumés; and Applying and Interviewing for Employment. It also features detailed instruction for readers in the professional use of blogs, instant messages, wikis, twittering and other social media tools Authors: Courtland L. Bovee, John Thill and Abha Chatterjee. Published by Pearson Education. Pages: 716. Price: Rs. 575/=. More about the book at <http://goo.gl/IsG77> 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)

Code in the Cloud: Programming Google AppEngine: AppEngine is a powerful, easy-to-use framework for developing cloud-based services. This book will teach you what a cloud service is, and how it differs from traditional applications. It shows you how to build a cloud service by taking advantage of the services that AppEngine makes available to you, and by using iterative development of a simple application to guide you through the different aspects of AppEngine development, using either Python or Java. Through the process of working on a simple application, you'll learn about how to build an application as a service; how to manage persistent data using AppEngine; how to build dynamic, interactive user interfaces that run in a user's web-browser; how to manage security in a web application; and how to interact with other services running in the AppEngine cloud. Authors: Mitchell L. Model. Published by: Shroff Publishers & Distributors Pvt Ltd. Pages: 320. Price: Rs.500/- More about the book at <http://goo.gl/H7BqQ> Readers of CSI-eNL, while ordering online, can get 25% discount with free shipping. Contact: nageswaran@shroffpublishers.com (This book is being given as a prize to the Info Quiz Winners)

Managing Your Time: This book will help you prioritise your workload and enable you to work better, faster and, above all, more effectively. It includes down-to-earth guidance on: getting it right the first time; delegating successfully; recognising time-wasting activities – and people; organising work practices and making the best use of travel time; and handling interruptions and the unwanted telephone call. Author: Maitland, I. Published by: Universities Press. Pages: 96. Price: 175/=. (This book is being given as a prize to the Info Quiz Winners)

Mobile Computing, Applications, and Services: This book, which will be useful for researchers, constitutes the refereed post-conference proceedings of the Third International Conference on Mobile Computing, Applications, and Services (MobiCASE 2011) held in Los Angeles, CA, USA, during October 24-27, 2010. The 18 revised full papers presented together with 12 revised poster papers were carefully reviewed and selected from numerous submissions. The conference papers are organized in seven technical sessions, covering the topics of mobile pervasive applications, system issues, location-aware services, mobile phone based systems, mobile Web and services, tools for mobile environments, and mobile application development issues. Editors: Zhang, Joy; Wilkiewicz, Jarek; Nahapetian, Ani. Published by: Springer. Pages: 410+xiii. Price: Euro. 62/=. For more about the book and to download a sample chapter pl. visit <http://goo.gl/YCpPz> (This book is being given as a prize to the Info Quiz Winners)

Making IT Lean: Applying Lean Practices to the Work of IT: This book presents Lean concepts and techniques for improving processes and eliminating waste in IT operations and IT Service Management. The text reviews IT Service Management, with reference to the IT Infrastructure Library (ITIL®) as a framework for best practices—explaining how to use it to accommodate Lean processes and operations. Filled with examples, it provides modeling tools so you can start your Lean journey. The book includes coverage of: The OM Perspective—considers the work of IT from an Operations Management (OM) perspective, showing how many of the concepts that have been successfully applied within manufacturing can be applied to IT; The Lean Improvement Model—explains Lean concepts and practices and details the authors' Lean improvement model; Lean Problem-Solving (Identifying and Understanding Problems)—considers operational work in IT and explains how to apply Lean practices related to problem identification and root cause analysis; Lean Problem-Solving (Identifying and Managing Solutions)—describes how to use good problem identification as the basis for identifying the right solutions; Lean IT Service Management—examines IT work from an IT Service Management perspective, using the ITIL® framework as a guide; and Implementing and Sustaining Lean IT

Improvements—explains how to implement and sustain Lean IT improvements. This book is a valuable reference source to both academicians and professionals. Author: Gilbert Held. Published by: CRC Press. Hardcover. Pages: 232. Price: UKP. 38.99/= For more about the book pl. visit <http://goo.gl/5LUWE> (This book is being given as a prize to the Info Quiz Winners)

Harnessing Green IT: Principles and Practices: This book presents a comprehensive coverage of key topics of importance and practical relevance - green technologies, design, standards, maturity models, strategies & adoption and also presents a clear approach to greening IT encompassing green use, green disposal, green design, and green manufacturing. It illustrates how to strategically apply green IT in practice in several areas. It examines various ways of making computing and information systems greener – environmentally sustainable -, as well as several means of using Information Technology (IT) as a tool and an enabler to improve the environmental sustainability. The book focuses on both greening of IT and greening by IT – complimentary approaches to attaining environmental sustainability. The highlights of the book include: Discussion on several useful approaches to embracing green IT in several areas; Chapters written by accomplished experts from industry and academia who have first-hand knowledge and expertise in specific areas of green IT; Set of review and discussion questions at the end of each chapter that will help the readers to examine and explore the green IT domain further; Inclusion of a companion website providing resources for further information and presentation slides. This book will be an excellent resource for IT Professionals, academics, students, researchers, project leaders/managers, IT business executives, CIOs, CTOs and anyone interested in Green IT and harnessing it to enhance our environment. This book will soon be available in Indian edition from Wiley-India. Edited by: San Murugesan & G. R. Gangadharan. Published by: John Wiley & Sons, Inc. Hardcover. Pages: 432. Price USD 99.95/= For more details and a pdf extract of the 1st chapter on “Green IT: An Overview” visit <http://goo.gl/Ck2RG> (This book is being given as a prize to the Info Quiz Winners)

InfoQuiz-2013-02-01 (TWELVE Prizes to Win – FOUR Prizes of Rs. 500/- each and EIGHT books)

1. Safer Internet Day 2013 was observed on -----.
2. Aaron Swartz, co-founder of Reddit and creator of RSS feeds committed suicide. He was charged with stealing articles from a computer archive at ----- and making them freely available.
3. Which IT Major is developing a new UK headquarters (on a plot of 2.4 acres in central London) which could be worth as much as 1 billion pounds (\$1.6 billion) when finished.
4. Facebook takes on Google with ----- to provide people the answers to their questions about people, photos, places, and interests.
5. Expand SMAC -- the new buzzword for software firms.

Email your answers by **28th Feb 2013** to csi.infoquiz@gmail.com with subject **“infoquiz-2013-02-01”**. Please provide your name, designation, company/institution, full postal address (to send the prize) and the contact phone nos. after the answers. There are TWELVE 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**. EIGHT prizes will be in the form of books which are briefly reviewed in this edition of the newsletter. They are being offered by **Tata McGraw Hill Education Pvt. Ltd** (www.tmhshop.com/), **Wiley India Pvt. Ltd** (www.wileyindia.com), **Pearson Education** (<http://www.pearsoned.co.in>), **Shroff Publishers & Distributors Pvt. Ltd** (www.shroffpublishers.com), **Universities Press** (www.universitiespress.com), **Springer** (www.springer.com), **CRC Press** (www.crcpress.com) and **John Wiley & Sons** (<http://as.wiley.com>). Answers along with the winners' info will be published in the next issue.

Answers & Winners of InfoQuiz-2013-01-01

- Psy's 'Gangnam Style', PC, Idea Cellular, Mouse, Open Source For You
- Rs. 500/= from SRA Systems: V.S.S.K. Anand (Bapatla) & N. Thimmappa (Bangalore)
- Rs. 500/= from VictoryMind Edu Services: Junaid Hussain (Darbhanga, Bihar) & Nandikolla Supriya (Rajahmundry)
- Book from Tata McGraw Hill Education Pvt Ltd: D. Swaminathan (Chennai)
- Book from Wiley India Pvt Ltd: M. Newlin Rajkumar (Coimbatore)
- Book from Pearson Education: Sudhir Kumar (Delhi)
- Book from Shroff Publishers & Distributors: D Puthira Prathap (Coimbatore)
- Books from Universities Press: Sreerekha Bakaraju (Hyderabad) & T.U. Peter (Chennai)
- Book from Springer: Manipoonchelvi. P (Sivakasi)
- Book from CRC Press: Benedict Jayaprakash Nicholas (Chennai)

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