



CSI eNewsletter

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WorkShift: The future of the office: Technology has ushered in new business paradigms and great changes in the workplace. As technology further evolves, the 'work' and 'office' as we know them become even more fluid and constantly in a state of flux. This paper discusses the future of the office and how enterprises are coping with the changes. Download it from <http://goo.gl/JzSYP>

An Introduction to Capturing and Measuring IT Value: How do you know that your investment in a new business application has returned value-and how much value? The answer lies in following the five important steps of capturing value for a successful enterprise. This guide will answer these questions: What is the importance of measuring IT value?; What are the steps to capture value?; How important is setting performance goals?; What are the benefits?; How do I ensure success?; What else should one keep in mind?; What about the cost factor?; What are the ROI?. Details at <http://goo.gl/xQJHk>

19 Ways to Build Physical Security into a Data Center: Read the article to find out how a fictional data center is designed to withstand everything from corporate espionage artists to terrorists to natural disasters. Sure, the extra precautions can be expensive. But they're simply part of the cost of building a secure facility that also can keep humming through disasters. More info at <http://goo.gl/zBmQ6>

40 Ways to Make Your Data Center More Efficient: Cost-effectively managing your data center's myriad of interconnected systems is no easy task. But through better management and proper planning, even the most inefficient data center can change its ways. Download this eBook from <http://goo.gl/3ZNUw> for 40 steps you can take to get the most out of your data center and its employees.

9 Dirty Tricks: Social Engineers' Favorite Pick-Up Lines: What the average guy might call a con is known in the security world as social engineering. Social engineering is the criminal art of scamming a person into doing something or divulging sensitive information. These days, there are thousands of ways for con artists to pull off their tricks (See: Social Engineering: Eight Common Tactics). Here the author Joan Goodchild looks at some of the most common lines these people are using to fool their victims. More info at <http://goo.gl/CN1gv>

Striking the Right Balance Between Data Storage and Latency in a Datacenter: The bottlenecks in datacenters have grown over years as increases in drive capacity have outstripped decreases in latency of faster-spinning drives and, in confronting the data deluge, IT managers have added more hard disks and deeper queues just to keep pace. Read the story at <http://goo.gl/aqHgW>

Top 15 Cloud Storage Tips and Tasks: This post pinpoints the cloud storage services with the best attributes for accomplishing specific tasks, and offer advice on how to use the cloud most effectively. Read it at <http://goo.gl/tA0aA>

25 Ways to Intelligently Cut IT Costs: Like many IT managers, you're probably being asked to cut costs with as little impact as possible on services. Your IT organization has dozens of opportunities for cutting costs if you know where to look. Download this eBook from <http://goo.gl/Vscl0> to identify your cost-cutting opportunities

Using IT to Cut Costs and Help Business Profit: Cutting costs is becoming increasingly difficult in today's oppressive economic climate. To give you some inspiration, CIO.IN presents a set of case studies on CIOs who braved the economy and introduced thrifty solutions for their respective businesses. Details at <http://goo.gl/ppjp9>

12 Leading Payment Services for Your Online Business: Some of the leading online payment services that one can integrate to their website to receive payments from their customers and clients are discussed in this article. Details at <http://goo.gl/RHe8D>

Big Data: The Management Revolution: "You can't manage what you don't measure." There's much wisdom in that saying, which has been attributed to both W. Edwards Deming and Peter Drucker, and it explains why the recent explosion of digital data is so important. Simply put, because of big data, managers can measure, and hence know, radically more about their businesses, and directly translate that knowledge into improved decision making and performance. Read the full article at <http://goo.gl/02omP>

Key Strategies for IT Success in Distribution: Information technology (IT) continues to be a major business driver in the distribution industry. As distributors plot the future direction of their enterprise resource planning (ERP) systems, they have a multitude of options. This paper at <http://bit.ly/SzMFeB> provides an overview of several of the key IT strategies now available to support customer service, collaboration, decision-making and other aspects of modern distribution: service-oriented architecture (SOA); software as a service (SaaS); anytime, anywhere availability (A3) (including mobile devices); Web 2.0; virtualization; and report cards/balanced scorecards.

The Ant Internet: Before researchers developed the Internet, ants developed the Anternet, a surprisingly similar communications network. Read the interview & watch the 4 min. video at <http://goo.gl/Rxbf2>

Discover social monitoring: You're blogging. You're Tweeting. You're participating in online discussion forums. This is good, right? You're promoting your brand online. But how do you analyse your social reach, share of voice, engagement and so on? When it comes to social media in business, participation alone isn't enough. All the time you're investing must be effective. And to do that, you need to understand how your brand is faring in the wider conversation. That means monitoring the social web continuously, and adjusting course when necessary to make sure your voice remains relevant. Read the full feature article at <http://goo.gl/snd8K>

The DNA of the CIO: For many years, CIOs have been talking about becoming a true partner to the executive management team. But relatively few have broken out of their comfort zones to actually become one. The encouraging news is: many CIOs find the remit and responsibilities of their role hugely rewarding and enjoyable. Nevertheless, many more will need to test the limits of their comfort zones to become a relevant partner to the business in the years ahead – and to receive the recognition they deserve. A recent Ernst and Young report, The DNA of the CIO, provides fresh insight into what it is to be a chief information officer (CIO) today. It explores the aspirations and expectations of those in the job – and the skills and relationships they need to master to succeed. The survey is based on our survey of more than 300 senior IT professionals worldwide. A further 40 respondents from across the rest of the C-suite were polled to provide a perspective on how the CIO is perceived by the rest of the executive management team. Details at <http://goo.gl/cfruK>

11 Ways to Derive Maximum Benefits from the Project Management Software: IT executives and project management experts share their tips at <http://goo.gl/tkWT3> on how to choose the right PM software for your organization and how to get your employees to use it effectively.

Meet the Titans: Channel Heads of India's Leading Tech Vendors: The channel chiefs of tech companies are nothing less than titans, fighting in a fierce, competitive landscape. Know more about 22 vendor executives who wield power and influence in their channel bastions to help partners win enterprise deals from <http://goo.gl/PxfGj>

13 Common ERP Mistakes and How to Avoid Making Them: While a successful ERP implementation can help your organization streamline workflow and cut costs, a poorly planned and implemented ERP rollout can severely cost organizations, in terms of lost productivity and delays. Here are the 13 most commonly cited ERP mistakes and their fixes. Details at <http://goo.gl/DFolo>

8 CRM Trends to Watch for: To find out whether social CRM and mobile CRM will continue to dominate the CRM landscape, and what other trends organizations should pay attention to, CIO.com talked to leading CRM solution vendors and analysts. Last year, the two hot customer relationship management trends to watch — and adopt — were social CRM and mobile CRM. To find out whether they will continue to dominate the CRM landscape, and what other trends organizations should pay attention to, CIO.com talked to leading CRM solution vendors and analysts. In the process, we came up with eight CRM trends to watch out for — and implement — in 2012. Details at <http://goo.gl/D3jQD>

Gartner: 10 Critical IT Trends for the Next Five Years: Trying to stay ahead of the curve when it comes to IT issues is not a job for the faint of heart. That point was driven home at the recent Gartner's IT annual IT Symposium fest where analyst David Cappuccio outlined what he called "new forces that are not easily controlled by IT are pushing themselves to the forefront of IT spending.". More at <http://goo.gl/yrHvs>

Online Book: Computing Before Computers: Edited by William Aspray with contributions by: W. Aspray: A. G. Bromley: M. Campbell-Kelly: P.E. Ceruzzi: M. R. Williams. This book covers the information process technologies in use prior to the computer. Topics include early calculators, difference and analytical engines, logic machines, punched card machinery, analog computing devices, relay calculators, and electronic calculators. This book has long been out of publication. It was published originally in 1990 by Iowa State University Press. When the print run was exhausted, the press returned copyright to the authors. For permission to reproduce this material, contact any of the authors. Thanks to Ed Thelen for scanning the document and posting it on his own history of computing web site. Details at <http://goo.gl/siGbV>

Video: TED Talk: Yochai Benkler on the new open-source economics (17.56 min) Yochai Benkler explains how collaborative projects like Wikipedia and Linux represent the next stage of human organization. Yochai Benkler has been called "the leading intellectual of the information age." He proposes that volunteer-based projects such as Wikipedia and Linux are the next stage of human organization and economic production. <http://goo.gl/Z5fD3>

Online Health Encyclopedia: Welcome to Swanson's Online Encyclopedia, a consumer information resource designed to answer your questions about dietary supplements and their roles in maintaining good health. Fully cross-linked for easy navigation, our encyclopedia is updated regularly so you'll always find new, up-to-date information. If the topic you seek isn't available, check back soon! Visit <http://goo.gl/DazY0>

Wellness: Fat Facts: Eliminating fats from your diet won't reduce your waistline—it could actually end up doing the opposite. So, make it a point to consume good fats. Read the article at <http://goo.gl/MpOOi>

CSI Transactions on ICT: This new publication with Dr. S.V. Raghavan as chief editor examines implications of advances in information and communication technology and associated management issues and serves domain experts in education, healthcare, management and agriculture, working to utilize the potential of ICT in their respective fields. Latest issue at <http://link.springer.com/journal/40012>

Just For Laugh!

New Greetings:

May your happiness increase like Petrol Price,
May your sorrow fall like the Indian Rupee, and
May your joy spread in your heart like corruption spreads in India...!!!

Congress is fulfilling its promise, when they said: GDP will rise this year.

The only thing we forgot to ask him its full form:

G= Gas & Gold

D= Diesel & Dollar

P= Petrol & Parties

Dear Father-in-Law,

I deeply regret taking a Car in dowry.

Please take your Daughter or Car back...

I cannot afford both.

Soon, Rupee will be SENIOR CITIZEN (above Rs.60 per US Dollar);

Petrol has already become VERY SENIOR CITIZEN in Bangalore (Rs.81 per litre) !!!

Drink and drive should not be a problem now.

After all, how many will be able to afford alcohol and petrol on the same day?

We have the world's cheapest car and the world's costliest petrol.

Man at Petrol Pump: Full tank pl...

Attendant: Sir, PAN Card copy pl...

Man: What? Why?

Attendant: Sir, it's a HIGH VALUE TRANSACTION !!!.

Source: Internet. Contributed by Mr. DBV Sarma through email.

Announcements

- Access the latest issue of CSI transactions on ICT at <http://link.springer.com/journal/40012>
- Access the latest issue (Vol. 1 No. 2 of 2012) of CSI Journal of Computing at <http://csijournal.org/view-journal-current-issue.php>
- Access the Oct 2012 issue of CSI Communications at <http://www.csi-india.org/web/csi/ecommunications-october2012>
- Access the Oct 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

- Conference on Emerging Business Models in Skill Training - Opportunities and Challenges for Skill Providers. 26th Nov 2012 at Chennai. Contact: john.pravin@cii.in / john.kuruvilla@cii.in
- 3rd International Conference on Emerging Applications of Information Technology (EAIT 2012). Nov 29 – Dec 1, 2012 at Kolkata. <https://sites.google.com/site/csieait2012/>
- FDP on “A Research Perspective issues on Human Computer Interaction (HCI) = Ubiquitous+Pervasive + Haptic Technologies”. 30th Nov - 1st Dec 2012 at National Engineering College, Kovilpatti. Contact: ieemas@gmail.com
- 47th Annual National Convention of CSI (CSI 2012). 1-2, Dec 2012 at Kolkata. <http://csi2012.csi-kolkata.org/>
- Workshop on "Software Architecture for Managers" by SSNSASE & CMU. 7-8, Dec 2012 at Chennai. Contact: workshop@sase.ssn.edu.in Website: <http://www.sase.ssn.edu.in/workshop.php>
- Seminar on “E-Governance for Developing Countries”. 11th Dec 2012 at Kumaraguru College of Technology, Coimbatore. Contact: Karthik.s.it@kct.ac.in

- COMAD: International Conference on Management of Data. 14-16, Dec 2012 at Pune. Contact: comadpune@gmail.com Website: www.comad.in/comad2012
- Alan Turing Year India Celebrations - Teacher Training on "Simplification in Intelligent Computing Theory and Algorithms". 18- 20 Dec, 2012 at Bangalore. Contact: Dr. D.K. Subrahmanian, dksubra@gmail.com
- International Conference on Communication, Computing and Information Technology (ICCCMIT). 21-22, Dec 2012 at Chennai. <http://www.mop-vaishnav.ac.in/icccmit/> Contact: Ms. K.B.Priya Iyer, +91 9941904680. Email: icccmit@gmail.com
- iCIRET-2013: International Conference on Innovative Research in Engineering and Technology. 3-5, Jan 2013 at Coimbatore. Contact: iciret.park@gmail.com website: <http://www.iciret.com/>
- National conference on "Business Analytics and Business Intelligence". 4-5, Jan 2013 at Institute of Public Enterprise (IPE), Hyderabad. Contact: ncbia@ipeindia.org website: www.ncbia.ipeindia.org
- NSCI-13: National Seminar on Computational Intelligence. 21-22, Jan 2013 at SRM University, Chennai. Contact: nsci.2013@srmuniv.ac.in
- 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

ICT News: Voices & Views

- By 2015 China to have more than 800 million Internet users as against 538 million as at June 2012 - The China Internet Network Information Centre.
- Indian green IT and sustainability spending to reach \$70 billion by 2015 as against \$35 billion in 2010 – Gartner.
- IT companies exploring new markets in Africa, W. Asia. The Indian IT-BPO industry to register revenue of \$101 billion in 2012 and software export of \$69 billion. Forecast a growth of 11-14% for FY 2013 - Nasscom.
- Data services revenue to touch \$19.3 billion by 2020 from \$3.9 billion in 2011. The voice revenues to decline from \$34.7 billion to \$31.5 billion – Report by Huawei.
- Facebook reaches one billion users. They were to date responsible for 1.13 trillion 'likes', 219 billion photos and 17 billion location check-ins.
- Online fraud across countries linked to Indian firms.
- By the middle of 2014, 83% of Indian organisations will have embraced mobile workstyles - Citrix Workplace of the Future report.
- The public cloud services market in India to grow in 2012 to \$326.2 million. The global public cloud services will be \$111 billion – Gartner.
- Govt. estimates, telecom equipment worth Rs 76,940 crore would be required in 2012-13. This to grow to Rs 1,70,091 crore by 2019-20 comprising of 8% of the global demand.
- About 5.5 lakh tablets were sold in Q2. The average sales value of tablets came down to about Rs 13,000 from Rs 26,000 in Q1.
- On e-mail's 40th anniversary, Indian scientists recall its arrival after 20 years in India.
- Indian engineering R & D outsourcing industry is set to reach \$37- 45 billion by 2020 – Nasscom.
- Indian IT spending will rise 7.7% to \$71.5 billion in 2013 from \$66.4 billion – Gartner.
- World has 6 billion mobile subscribers. 70% of Internet users live in wealthier, industrialised countries, compared with 24% live in poorer, developing nations - ITU.
- India mobile handset sales to touch 251 million units in 2013 – Gartner.
- Indian IT services market to grow 12% to \$10.2 b in 2013 – Gartner.
- By 2015, the data analytics market in India to reach \$1.15 billion to become 21% of the overall Indian KPO market opportunities of \$5.6 billion.
- Indian mobile users prefer unlimited Internet data plans - Survey by E&Y.
- Worldwide smartphone users hit 1 billion mark - Strategy Analytics.
- Indian Tablet market to reach 7.3 million by 2015-16 – MAIT.
- Bharti, RCom among world top 10 telcos – Wireless Intelligence
- Global IT spending to surpass \$3.7 trillion in 2013 – Gartner.

ICT News: Telecom, Govt, Policy, Compliance

- BSNL planning to replace PCOs with VCOs. A 45 second pulse of a video call to be charged Rs. 3.
- A complaint handling system for electromagnetic field (EMF) radiation from mobile towers has been made operational. Consumers can lodge a complaint by dialling 9969555000.
- Telcos must pay for excess spectrum from July 2008 - The Attorney General.
- DoT recommends levying a one-time fee on existing mobile operators for spectrum they may hold in excess of 6.2 Mhz limit to garner at least Rs 22,640 crore.
- The Govt. notifies its policy for giving preferential market access to telecom products manufactured in India.
- Share of active users up to 78% of mobile subscriber base from 68% last year.
- Vodafone to issue connections based on Aadhaar cards.

- Competition tribunal upholds CCI's clean chit to Microsoft on sale of software licenses.
- India, Pakistan in talks for allowing mobile roaming.
- JPC on spectrum can modify Parliamentary procedure to summon PM, FM – BJP.
- Telcos face Rs 1-lakh cr hit on 900 Mhz band re-farming.
- 2G Scam: Ex-Cabinet Secretary had wanted licence fee hiked to raise Rs 35,000 cr.
- ED attaches Rs 822 crore worth assets of Satyam's Raju, others.
- Reliance Infotel, Sistema, RCom to keep off 2G spectrum auction.
- Indian Security agencies take guard as China invests in Nepal telecom.
- At least 20% of TV homes in the four metros may go blank by the digitisation deadline of October 31.
- Poor quality broadband: TRAI proposes penalty on operators.

ICT News: IT Manpower, Staffing & Top Moves

- IT is still on demand. Bestseller courses are industry certification courses in software development, software testing, networking, analytics, and mobile application development.
- US firm CallidusCloud to hire 140.
- Infosys hikes salary to retain talent.
- S. Mahalingam to retire as the CFO of TCS after a career spanning more than four decades.
- TCS has made a net addition of 10,531 employees in Q2.
- Airtel, Infy, TCS among most sought after employers – LinkedIn.
- By 2015, 4.4 million IT jobs globally will be created to support big data – Gartner.
- Oracle India and Startup Village to train about 30,000 students and 200 teachers in over 100 engineering colleges in Kerala.
- Broadridge to double headcount to 3,000.

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

- Adobe launches new version of Acrobat software. 98% of internet-connected PCs globally have Adobe's PDF solutions (Acrobat or Reader) installed.
- Intel Capital to invest \$40 million in technology companies. Since 1998, it has invested over \$300 million in over 80 companies across 10 cities in India.
- CDAC launches Meghdoot 1.0, a free, open source cloud offering.
- Microsoft raises price of software products.
- Sonata Software employees celebrate 'Joy of Giving Week' > Distribute solar LED study lamps to underprivileged students and street children.
- Micromax beats Samsung and Apple and claims the top slot in the Indian tablet PC market.
- Mayo Clinic releases Anxiety Coach - a 'self-help' iPhone app to assist people in overcoming a variety of fears and worries ranging from extreme shyness to obsession.
- Milagrow launches robot named after Olympic medal winner Saina Nehwal.
- Randstad launches the Randstad F1 Challenge, online game to engage F1 fans.
- Vodafone to pay Rs 5K for starting hello tune without consent of the subscriber.
- Nokia unveils map services across 4000 cities in India.
- Bharti awaits SEBI's nod for tower arm IPO of \$ 1 billion.
- Google unveils free SMS from Gmail.
- Lenovo pips HP to become top PC maker with a market share of 15.7%.
- Zee launches first edutainment channel 'ZeeQ'.
- Apple loses UK copyright appeal against Samsung.
- International Centre for Free and Open Source Software (ICFOSS) to support pre-incubation programmes.
- Google, Samsung to sell Chrome laptop for \$ 249.
- Datanet launches portal for election data.
- Apple launches 7.9 inch-iPad Mini tablet at \$329.
- Microsoft launches Windows 8 in India.
- Software to control phones by just looking at them from The Eye Tribe, Danish company.

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, and CRC Press have come forward to present these books to the winners of the Info Quiz.

Reverse Deception: Organized Cyber Threat Counter-Exploitation: This book explains how to identify advanced persistent threats (APTs), categorize them according to risk level, and prioritize your actions accordingly by applying expert, field-tested private- and government-sector methods (NSA, FBI, and DOD). It describes the characteristics of malware and botnets, how they can morph, evade detection, and spin off decoys that live in-network, while appearing to have been cleaned up and debugged. This detailed guide reveals how to detect the appearance of malicious code, decode the types of enemies they originate from, and finally, how to extricate malcode and deflect its future entry into networks. The book also provides coverage of legal and ethical issues, operational vetting, and security team management. A good reference source to all. Authors: Sean M. Bodmer et al, Published by Tata McGraw Hill

Education Pvt Ltd. Pages: 464. Price: Rs. 625/=. More about this book at <http://goo.gl/WjOSH> 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)

Digital And Analog Communication Systems: The book provides a unified treatment of theoretical and practical aspects of digital and analog communication systems. It integrates theory with design. It features over 60 practical and worked examples illustrating real-life methods. The emphasis is mainly on deriving design equations that relate performance of functional blocks to design parameters. It illustrates how to tradeoff between power, bandwidth and equipment complexity while maintaining an acceptable quality of performance. The material is arranged into three different study areas, a review section, the study of digital communication systems, and the study of analog communication systems. It also presents over 300 problems and an annotated bibliography in each chapter. Students of Electrical and Computer Science Engineering will find this book very useful. Author: K. Sam Shanmugam. Published by Wiley India Pvt. Ltd. Pages: 624. Price: Rs.429/=. More about the book at <http://goo.gl/tTLR0> 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)

Guide to Electronic Communication: This book organized in six chapters namely Trends in Electronic Communication; Electronic Tools for Conducting Research; Electronic Tools for Written Communication; Designing Web Pages; Electronic Tools for Oral Communication; and Electronic Tools for Job Searches is a guide providing tips and techniques for effectively using technology to communicate. It can be used in any course in which students use the Internet. Suitable for students pursuing courses in Business Communication, Information Management, Communication, Management, MBA etc. Working professionals will also find this book useful. Author: Kristen DeTienne. Published by Pearson Education. Pages: 118. Price: Rs. 170/=. More about the book at <http://goo.gl/4IsPC> 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)

Beautiful Code: In this book, leading computer scientists offer case studies that reveal how they found unusual, carefully designed solutions to high-profile projects. One will be able to look over the shoulder of major coding and design experts as they work through their project's architecture, the tradeoffs made in its construction, and when it was important to break rules. This is more than a design patterns book and software engineering treatise on the right and wrong way to do things. In this book, 38 master coders have presented their stories. It may be of interest to note that the author royalties will be donated to Amnesty International. The companion webpage at <http://shop.oreilly.com/product/9780596510046.do> provides examples and programme codes to download. Edited by: Andy Oram & Greg Wilson. Published by: Shroff Publishers & Distributors Pvt Ltd. Pages: 634. Price: Rs. 825/- More about the book at <http://goo.gl/PSGjI> Readers of CSI-eNL, while ordering online, can get 25% discount with free shipping. Contact: mageswaran@shroffpublishers.com (This book is being given as a prize to the Info Quiz Winners)

Fundamentals of Data Structures in C++: This book provides a comprehensive introduction to data structures such as arrays, stacks, queues, linked lists, trees and graphs and techniques such as sorting hashing that form the basis of all software. It also covers advanced data structures such as priority queues, efficient binary search trees, multiway search trees and digital search structures. The edition has been updated to include the latest features of the C++ language such as exceptions and templates are now incorporated throughout the text along with limited exposure to STL. Treatment of queues, iterators and dynamic hashing has been improved. Topics such as secure hashing algorithms, weightbiased leftist trees, pairing heaps, symmetric min-max heaps, interval heaps, top-down splay trees, B+ trees and suffix trees have also been covered. Red-black trees have been made more accessible. The section on multiway tries has been significantly expanded and discusses several trie variations and their application to Internet packet forwarding. Exercises, program codes and references for additional reading makes this book very useful to students of CSE & IT, MCA. Authors: Horowitz, Ellis, Sahni, Sartaj & Mehta, Dinesh. Published by: Universities Press. Pages: 720. Price: Rs. 395/=. For more about the book pl. visit <http://goo.gl/Zb1Fz> (This book is being given as a prize to the Info Quiz Winners)

The Database Book: Principles and Practice Using MySQL: This book provides a comprehensive coverage of database principles and practice using the open source database 'MySQL' for illustration. The standard database language for querying relational databases is SQL. MySQL is a popular "open source" database system with an installed base of over 5 million systems. It is very fast, multi-threaded, multi-user database which can be effectively used by teachers who want to teach concepts and practice, database users, programmers and computer scientists. This book will be useful for database users, programmers and computer science students. Author: Gehani, Narain. Published by: Universities Press. Pages: 390. Price: Rs. 495/=. For more about the book pl. visit <http://goo.gl/Zb1Fz> (This book is being given as a prize to the Info Quiz Winners)

Business Process Management: Concepts, Languages, Architectures: The subject Business process management is of interest to professional in business administration and computer science. While business administration professionals tend to consider information technology as a subordinate aspect in business process management for experts to handle, by contrast computer science professionals often consider business goals and organizational regulations as terms that do not deserve much thought but require the appropriate level of abstraction. The author opines that both the communities need to have a common understanding of the different aspects of business process management. In this context, he details the complete business process lifecycle from the modeling phase to process enactment and improvement, taking

into account all different stakeholders involved. After a presentation of general foundations and abstraction models, he explains concepts like process orchestrations and choreographies, as well as process properties and data dependencies. Finally, he presents both traditional and advanced business process management architectures, covering, for example, workflow management systems, service-oriented architectures, and data-driven approaches. In addition, he shows how standards like WfMC, SOAP, WSDL, and BPEL fit into the picture. This is an ideal text book for the students for CSE & business administration. The companion webpage <http://www.bpm-book.com/> provides further information and additional teaching material. Sample chapters can also be downloaded from the publisher's site. Author: Mathias Weske. Published by: Springer. Hardcover. Pages: 403+ xv. Price: Euro. 59.95/=. For more about the book pl. visit <http://goo.gl/do9hj> (This book is being given as a prize to the Info Quiz Winners)

A Comprehensive Guide to Enterprise Mobility: This book provides guidance on all aspects of enterprise mobility—from technical aspects and applications to implementation. It introduces basic concepts such as enterprise mobility adoption strategy and user requirements in mobility. Illustrating the technical aspects of enterprise mobility, it analyzes the key features and challenges in developing mobility solutions for various domains. The text is organized into four sections: Mobility Concepts: supplies a solid foundation in enterprise mobility, from strategy definition to deployment of enterprise mobility solutions; Mobile Solutions and Case Studies: introduces readers to the applications of enterprise mobility across a wide range of industry sectors; Mobile Application Development: supplies an overview of popular mobile platforms and mobile programming languages; and Technology Considerations in Mobility: details hybrid and supporting technologies in enterprise mobility. The case studies in this book illustrate the complete lifecycle in the development of mobility solutions, including the high level requirements, architecture, and design principles for each use case. Demonstrating how to put the concepts covered into practice, the text details the application of mobility solutions across various domains, including the healthcare, retail, airline, and pharmaceutical industries. This book is a valuable asset for both academician and professional. Authors: Jithesh Sathyan; Anoop N.; Navin Narayan; Shibu Kizhakke Vallathai. Published by: CRC Press. Hardcover. Pages: 556. Price: UKP. 44.99/=. For more about the book pl. visit <http://goo.gl/yU3CQ> (This book is being given as a prize to the Info Quiz Winners)

InfoQuiz-2012-11-01 (TWELVE Prizes to Win – FOUR Prizes of Rs. 500/- each and EIGHT books)

1. What is common to all these: "Cupcake," "Eclair," "Gingerbread," "Ice Cream Sandwich" and "Jelly Bean."
2. Aadhar, UID number is a ----- digit code.
3. ----- has been named as the world's fastest supercomputer in Nov 2012 by www.top500.org
4. Name the hybrid tablet/phone 3-in-1 device from Asus.
5. "Store your world in ours" is the tagline of which company?

Email your answers by **5th Dec 2012** to csi.infoquiz@gmail.com with subject "**infoquiz-2012-11-01**". 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), and **CRC Press** (www.crcpress.com). Answers along with the winners' info will be published in the next issue.

Answers & Winners of InfoQuiz-2012-10-01

- Microsoft Windows 8 Appfest, Twitter, AMD, <http://www.paisaboltahai.rbi.org.in>, Samsung Galaxy S III
- Rs. 500/= from SRA Systems: Tarun Rathi Prakash (Ahmedabad) and Ashwini Hegde (Mumbai)
- Rs. 500/= from VictoryMind Edu Services: P. Spandana (Anantapur) and V Pandu Rangan (Tumkur)
- Book from Wiley India Pvt. Ltd: M. Madhavan. (Vellore)
- Book from Tata McGraw Hill Education Pvt Ltd: Satyabrata Dash (Chennai) & Ravindra Naik (Pune)
- Books from Pearson Education: D. Shankar (Coimbatore) & V. Umadevi (KGF)
- Book from Springer: Geethalakshmi Balaji (Chennai)
- Book from Universities Press: Kotti Venkata Sudhakar (Hyderabad)
- Book from Shroff Publishers & Distributors: Rajesh Kumar Gupta (Jabalpur)

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