Are you making the most of your company's 'software layer'?: As consumers increasingly interact digitally with companies, competitive advantage lies in understanding the range and complexity of those touch points. It's perhaps easiest to envision how consumer-facing companies, such as retailers and financial institutions, can use the software layer. Yet any and all businesses that intend to survive the digital revolution should build a centralized, user-focused, and integrated software layer—or risk being left behind. Read the article at http://goo.gl/hFAUq

Video: A primer on 3D printing: 2012 may be the year of 3D printing, when this three-decade-old technology finally becomes accessible and even commonplace. Lisa Harouni gives a useful introduction to this fascinating way of making things -- including intricate objects once impossible to create. Lisa Harouni is the co-founder of Digital Forming, working in "additive manufacturing" -- or 3D printing. Watch this 15 min video at http://goo.gl/tBmPs

14 key points to evaluate BI platforms: Business intelligence platforms enable all types of users - from IT staff to consultants to business users - to build applications that help organisations learn about and understand their business. Gartner defines a BI platform as a software platform that delivers the 14 capabilities outlined in the report. These capabilities are organised into three categories of functionality: integration, information delivery and analysis. Information delivery is the core focus of most BI projects today, but we are seeing an increased interest in deployments of analysis to discover new insights, and in integration to implement those insights. Read this 61 pages report at http://goo.gl/42C9O

Ten Easy Steps for Email and Web Best Practices: Whether your organization is a mid-sized company, a small family business, or a publicly traded corporation, any time you allow employees to access the Web and email, you put your organization's assets, future, and reputation at risk. Accidental misuse and intentional abuse - of email and the Internet can create potentially costly and time-consuming legal, regulatory, security, and productivity headaches for any size employer. The ePolicy Institute and MessageLabs have created this business guide to provide best-practices guidelines for developing and implementing effective Email and Web Acceptable Usage Policies for the U.S. workplace. More info at http://goo.gl/1Sp52

2012 IT Skills and Salary Report: The results are in from the fifth annual IT Skills and Salary Survey by Global Knowledge and Tech Republic, and there are finally reasons for optimism. Salaries are up 6.2% from last years' and, in fact, are the highest in the in the history of the survey. Job satisfaction is also up and managers are looking to add staff. This report includes: Respondent's salary range; Salaries of more than 125 popular certifications; Salaries by job function; Salaries by industry; and Nationwide salary comparison. More at http://goo.gl/Zl7PK

CIO challenges - Bringing your iPad to work: The arrival of personal technology in the office is a challenge for all organisations. The technology is here, but not yet adapted for corporate use, and CIOs are asking what security policies must be put in place to safeguard network services and company data are these devices proliferate. This white paper describes how these devices can be identified on the network, securely enrolled, and authenticated and authorised on the network. More info at http://goo.gl/FJVUf

Video: A Vision of Students Today: A short video (4 min 45 sec) summarizing some of the most important characteristics of students today - how they learn, what they need to learn, their goals, hopes, dreams, what their lives will be like, and what kinds of changes they will experience in their lifetime. Created by Michael Wesch in collaboration with 200 students at Kansas State University. http://www.youtube.com/watch?v=dGCJ46vyR9o

Business case for automating open source code management: It typically costs $13-$19 to develop a single line of debugged, documented and maintained software source code. Development organizations are increasingly turning to open source software which offers hundreds of thousands of freely downloadable software components which can be leveraged to slash development budgets by thousands or even millions of dollars. However, management, security and compliance issues related to open source software can introduce business risks that must be addressed. Manual processes for managing these risks incur significant costs - about $7800 annually per software component. These costs can negate the benefit of leveraging open source code. This paper reviews the business case for automating the management of open source and provides recommendations for how to make open source an integral part of your software development operation while addressing business risks and compliance issues. Details at http://goo.gl/kCI6f

10 Hacks that Made Headlines: There have been computer and network hacks for, well, pretty much as long as we've had computers and networks. The motives behind these intrusions have ranged from curiosity to paranoia , through today --when most high-profile hacks are driven by either greed or some form of ideology. This post lists ten hacking incidents through history that made some of the biggest headlines. Details at http://goo.gl/o66se

Big Data for the Masses: Big data represents the significant shift in the way that companies receive and used data to fuel business. As the volume, velocity and variety of data increases, we must ready ourselves for managing it with big data strategies. Download this white paper to read more about the current state of big data and what we can anticipate as it begins to gain mass appeal. More at http://goo.gl/GYcFX

Standard Units of Measure for IaaS: The worldwide market for cloud services—encompassing both dedicated services available via private clouds and shared services via public clouds—could top $148.8 billion in 2014, up from $68.3 billion in 2010 . The sheer, and growing, volume of available services make it challenging for any organization to assess their options, measure what services are being delivered and what attributes exist for each service. ODCArecognizes the need for development of Standard Units of Measure (SUoM) to describe the quantitative and qualitative attributes of services to enable easier, more precise comparison and discovery of the marketplace. This Usage Model is designed to provide subscribers of cloud services with a framework and associated attributes used to describe and measure the capacity, performance and quality of a cloud service. More at http://goo.gl/awM7E

Twelve New Programming Languages: Is Cloud Responsible? Do we need programming languages?. You may think that the answer is no. But, if you go by the recent trend you may need to change your mind. Why is Google working two (GO, DART) new programming languages? Why has IBM (X10), Cray (Chapel) and Red Hat (Ceylon) working on creating a new programming language of its own?.   Why have the attendees of the QCon London have selected 5 (HTML5, DART, Scala, Clojure, Node.js) new languages as the most important software development trends for 2012? What does Neil McAllister mean when he says that these 10 (DART, Ceylon, GO, F#, OPA, Fantom, Zimbu, X10, Haxe, Chapel) programming languages that could shake up IT? Are new programming languages getting created just to satisfy the creative urge of somebody or has the technology evolution created the need for new way of programming and hence these new languages? More at http://goo.gl/A24fg

The impact of cybercrime on business: Cybercriminals today are increasingly leveraging malware, bots and other forms of sophisticated threats to attack organizations for various reasons, including financial gain, business disruption or political agendas. In many cases, cybercriminals often target multiple sites and organizations to increase the likelihood of an attack's initial success and viral spread. With new variants of malware being generated on a daily basis, many companies struggle to fight these threats separately and the majority of attacks are often left undetected or unreported. More at http://goo.gl/IgfVU

Compromised websites - An owner's perspective: Compromised (stolen or hacked) websites continue to be an attractive target for cybercriminals who benefit primarily from the misuse of reputable domains. Cybercriminals are also able to make use of resources like processing power, bandwidth, and the hosting available via compromised web servers. In order to better understand the compromise process, illicit usage, and recovery of hacked websites, StopBadware and Commtouch surveyed over 600 website owners and administrators whose sites had been compromised. This document at http://goo.gl/cxs0x reviews the survey and its results, and includes tips to help website owners prevent their sites from being hacked or compromised.

Minding your digital business: Executives expect that new digital technologies will transform their businesses, but many admit their companies are far from prepared in developing capabilities and meeting challenges. Access this McKinsey Global Survey results at http://goo.gl/VSsoC

The social side of strategy: Crowdsourcing your strategy may sound crazy. But a few pioneering companies are starting to do just that, boosting organizational alignment in the process. Should you join them? Read the whitepaper at http://goo.gl/kBhGv

Facebook Bible - Everything You Need to Know About Facebook: This Facebook guide delivers expert analysis on the latest Facebook developments, helpful tips, tricks and how-tos, and the latest updates on privacy, Facebook apps and more. Details at http://goo.gl/Cf1ZI

Video: Cooking like an engineer: Engineers live in a structured, digital world, where even exploration into new technical territory involves a level of precision that the rest of the world rarely considers even exists. At first glance, cooks seem to be a polar opposite: their world is always analog, with variables that can change with the season, distribution channels, and even the individual cook's personal interpretation of a so-called "recipe". And yet, so many engineers love to cook. This talk will discuss the similarities and differences between the two worlds, in an attempt to bridge the many gaps that exist. Joseph Hall, the presenter, dances the line between technologist and food enthusiast. He has been a web programmer, a sysadmin and a Linux instructor. He has worked at restaurants and bakeries, and is working to market his own line of gourmet snack foods. Joseph is excited to share his recent experiences from both worlds with his fellow attendees at 2012 Utah Open Source Conference. Watch this 1 hr 4 min video at http://goo.gl/GvAAZ

Enterprise 20/20: It is a collaborative effort to imagine, discuss and debate the future of the enterprise (spanning 6 months looking at Boardroom, Apps, Marketing, IT Operations and CIO 20/20). This six-month experiment — presented by HP and driven by the enterprise visionaries, industry leaders and technology experts who make up our community of customers—will result in a full-length, cloud-enabled book about what it will take for enterprises to succeed in 2020 and beyond. More at http://h22154.www2.hp.com/index.html *Contributed by: Mr. B. Sundaram*

Son and Father exchange letters

Son to his father
Dear Dad,
$chool i$ really great. I am making lot$ of friend$ and $tudying very hard. With all my $tuff, I $imply cannot think of anything I need, $o if you would like, you can ju$t $end me a card, a$ I would love to hear from you.
Love, Your $on.

Father replies
Dear Son,
I kNOw that astroNOmy, ecoNOmics, and oceaNOgraphy are eNOugh to keep even an hoNOr student busy. Do NOt forget that the pursuit of kNOwledge is a NOble task, and you can never study eNOugh.
Love, Your Dad

Indian Brains

Mathematician : How do you write 4 in between 5 ?
Chinese : Is this a joke?
Japanese : Impossible!
American : The question ' s all wrong!
British : It ' s not found on the Internet
And the Indian: F(IV)E
This is the reason Indians are everywhere in the world: in finance, business, medicine, engineering.... anything to do with using both sides of the brain.

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

- Advantage AP - Conference & Exhibition 2011, the flagship annual IT event in Andhra Pradesh. 21-22, Jun 2012 at Hyderabad. http://advantageap.in/2012/
- International Conference on Advances in Cloud Computing (ACC-2012). 26-28, Jul 2012, at Bangalore. http://www.acc-2012.org/index.php
- National Conference on Communications Technology and its impact on Next Generation Computing (CTNGC-2012). 20th Oct 2012 at Ghaziabad. http://www.its.edu.in/IT/Conference/CTNGC-2012.html
- 3rd International Conference on Emerging Applications of Information Technology (EAIT 2012). Nov 29 – Dec 1, 2012 at Kolkata. https://sites.google.com/site/csieait2012/
- 47th Annual National Convention of CSI (CSI 2012). 1-2, Dec 2012 at Kolkata. http://csi2012.csi-kolkata.org/

ICT News: Voices & Views

- There are over 10 billion devices using Java. More than one lakh IT applications, over 40 million TVs, game consoles, Blu-ray devices and set-top boxes are built on Java platform -- Oracle.
- In 1986, only one per cent of the entire world's data was stored digitally. Two decades later, it was over 94% -- EMC.
- At all India level only about 0.4% of rural households had access to Internet at home compared to about 6% of urban households -- NSSO.
- Nomophobia: The fear of being without mobile affects 66% in UK.
- India's IT infra market to touch $2.05 billion in 2012 – Gartner.
- About 63% of Indians used pirated software, as compared to 64% last year. The commercial value of software piracy was $2.9 billion in 2011 -- BSA.
- Electronics market may cross Rs 20 lakh crore by 2020 -- Assocham.
- Facebook prices its IPO at $38 per share, raising $16 billion. The offering values it at about $104 billion.
- Even today, around 18% of rural Internet users walk over 10 km to access a Net connection --Tata Institute of Social Sciences.
- In the 'The Networked Society City Index' report brought out by Ericsson, to identify the development of ICT-enabled benefits to cities based on a study of 26 indicators, analyzing 25 cities around the world, Mumbai & Delhi feature in the top 20.
- Worldwide over 500 million users play social games -- BCG.
- The social gaming market was Rs 240 crore in 2010 and expected to be Rs 1,430-crore by 2014 -- FICCI-KPMG Report.

- PCs, notebooks, netbooks may get expensive by almost 10% due to falling rupee.
- Global IT outsourcing revenue crossed $245 billion in 2011, showing a growth of 7.8% – Gartner.
- Nasscom concerned over US visa probe on Indian companies.
- Indian enterprise IT spending expected to increase 16.4% to Rs 1,91,000 crore in 2012 -- Gartner.
- Uncertainty in Euro Zone, a worry for IT firms -- Tech Mahindra.
- Small cities, new targets for cyber-attacks – Symantec.
- Kaspersky warns against new bot targeting Windows, Mac OS.
- The overall investments in the telecom sector would cross Rs 10 lakh crore, compared to Rs 5.6 lakh crore made during the 11th Plan – Planning Commission.
- AIIMS likely to join Facebook to encourage voluntary organ donations.
- Internet traffic to grow fourfold to 1.3 zettabytes by 2016 – Cisco.

ICT News: Telecom, Govt, Policy, Compliance

- 'Without monitoring, e-waste handling rules may end up in tokenism' -- Toxics Link.
- DoT may put more 2G spectrum on auction.
- The RBI's new directive to convert 50% of their future foreign exchange holdings into rupees may impact small companies.
- Pranab gives clean chit to Chidambaram in Aircel-Maxis deal.
- 2G scam: JPC gets another extension, can submit report by end of winter session.
- Accessing Net to soon become faster, cheaper.
- Ministries object to proposals in new telecom policy.
- Is it 122 or 141 or 163? There is still no clarity on the actual number of 2G licences to be cancelled after the Supreme Court's order.
- Telcos to miss May 31 deadline on location-based services.
- China calls for global rules to protect cyber space.
- Packaged software makers get relief on multi-level taxation.
- Rajasthan HC proposes committee on 'health hazards' of mobile towers.

ICT News: IT Manpower, Staffing & Top Moves

- Cognizant allows its employees to access social networking sites for only 30 minutes a day. However, better performers can redeem their 'wow' points against social media minutes.
- JNTU confers doctorate on Narayana Murthy.
- Mr. V. Rajanna, VP and Global Head of Telecom Technology Business Unit of TCS, has been unanimously elected President of ITsAP.
- Content-sharing site SlideShare is hiring for various positions in India and San Francisco.
- eBay to open new centre in Bangalore, to hire 1,000.
- Rahul Khullar is new TRAI Chairman.
- PTC, maker of Computer Aided Design software, to double its sales force (60 at present) by year-end.
- HP to cut 27,000 jobs in 2 yrs to shore up earnings.
- Google Science Fair: 13 Indians out of 90 in finalists' list.
- Nearly 80% of the employees in TCS will belong to Gen Y by 2015 from the present 69% of their workforce (with an average age of 28 years).
- Nasscom student rating has no takers in Kerala.
- Only 4.2% of engineering graduates are fit for jobs in software product companies. In IT services companies, a mere 17.8% are employable, that too after being trained on the job for a minimum three months – Mr. G. Vijaya Raghavan, Member, Kerala State Planning Board.
- Indian IT companies turn job creators in overseas markets.

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

- Moschip has released a box -- PC Virtualisation System (PCVS), which lets you connect with the PC through your TV set.
- Users of Ubislate tablets will be able to use the tablet various languages.
- Google launched its app Vault for business customers in India which aims to preserve important data.
- Bharti Airtel under money laundering probe.
- Google launches online safety campaign 'Good to Know'.
- Microsoft India staff develop apps for speech & hearing impaired.
- Microsoft targets students with its so.cl launch, a first step in social networking.
- 'Searching' to answer Google, Yahoo comes up with Axis.
- Sun Micro faces Rs 330-cr Customs penalty in spares import case.
- Zicom, launches fingerprints locks which can be unlocked either through a fingerprint or with a PIN or an emergency key override.

- Milagrow launches 7 inch tablet – TabTop, claimed to be India's slimmest.
- Google offers virtual tours of 132 world famous sites.
- Google Chrome leapfrogs Internet Explorer to be world's most used web browser.

Books

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

Cloud Computing for Dummies: This book starts with providing a clear definition of cloud computing from the utility computing standpoint and then moves into delivering practical guidance on delivering and managing cloud computing services in an effective and efficient manner. It presents a proactive and pragmatic approach to implementing cloud computing in any organization. IT managers and staff will find the book useful in helping them understand the benefits and challenges of cloud computing, how to select a service and getting it up and running. The book also covers risks and security issues and how to handle them apart from presenting best practices, selecting a cloud vendor, and online resources in cloud computing. Author: Judith Hurwitz, Robin Bloor, Marcia Kaufman, and Fern Halper. Published by Wiley India Pvt. Ltd. Pages: 332. Price: Rs.399/=. More about the book at http://goo.gl/glIS0 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)

Web Developer's Cookbook: This book contains over 300 ready-to-use PHP, JavaScript and CSS functions one can use right away to create interactive web pages. They are fully documented and their functionalities are explained with tips on how one can modify to specific requirements It also provides plug-ins to take advantage of CSS3, the latest version of CSS and HTML5, the emerging standard. The coverage include: PHP Recipes: Text Processing; Image Handling; Content Management; Forms and User Input; The Internet; Chat and Messaging; MySQL, Sessions, and Cookies; APIs, RSS, and XML; Incorporating JavaScript; and Diverse Solutions. JavaScript Recipes: The Core Recipes; Location and Dimensions; Visibility; Movement and Animation; Chaining and Interaction; Menus and Navigation; Text Effects; Audio and Visual Effects; Cookies, Ajax, and Security; Forms and Validation; and Solutions to Common Problems. CSS Classes: Manipulating Objects; Text and Typography; Menus and Navigation; Page Layout; Visual Effects; Dynamic Objects; Dynamic Text and Typography; Dynamic Interaction; Incorporating JavaScript; and Superclasses. At the companion website, all the recipes are available for download and use. This is an useful reference book for all interested in developing interactive websites. Author: Robin Nixon. Published by Tata McGraw Hill Education Pvt Ltd. Pages: 992. Price: Rs. 725/=. 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)

Cryptography and Network Security: Principles and Practice, 5/e: In this age of universal electronic connectivity, viruses and hackers, electronic eavesdropping, and electronic fraud, security is paramount. This text provides a practical survey of both the principles and practice of cryptography and network security. First, the basic issues to be addressed by a network security capability are explored through a tutorial and survey of cryptography and network security technology. Then, the practice of network security is explored via practical applications that have been implemented and are in use today. Extensive support package for instructors and students in the form of online chapters, key papers, codes, solution & project manuals, slides, test bank and references ensures a successful teaching and learning experience. This new edition has been updated to include coverage of the latest and newer topics and expanded coverage of the old ones. This book is intended for both students of CSE, IT and EE majors and professionals. Author: William Stallings. Published by Pearson Education. Pages: 744. Price: Rs. 425/=. More about the book at http://goo.gl/orxfX 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)

Guide to Teaching Computer Science: *An Activity-Based Approach.* The dynamic evolution of the field of computer science (CS) also poses educational and pedagogical challenges, such as issues of CS teacher recruitment, pre-service teacher preparation, support for teachers' ongoing professional development, and the design of teaching and learning material. This unique Guide to Teaching Computer Science presents both a conceptual framework and detailed implementation guidelines for general CS teaching. The content is clearly written and structured to be applicable to all levels of CS education and for any teaching organization, without limiting its focus to instruction of any specific curriculum, programming language or paradigm. The Topics and features covered in this book include: Overview of curriculum topics in CS, and of research in CS education; Strategies for teaching problem-solving, pupil evaluation, and for dealing with pupils' misunderstandings; Learning activities; Active-learning-based classroom teaching methods, as well as methods for lab-based teaching; Various types of questions that a CS instructor, tutor, or trainer can use for a range of teaching situations; Issues of lesson planning and course design; and Frameworks by which prospective CS teachers gain their first teaching experience. This concise, thorough and easy-to-follow book is eminently suitable for use as either a teaching guide for all CS instructors or as a textbook for CS teacher training programs. Authors: Orit Hazzan, Tami Lapidot, and Noa Ragonis. Published by: Springer. Pages: 260. Hardcover. Price: Euro. 69.95/=. More about the book at http://goo.gl/wr9av (This book is being given as a prize to the Info Quiz Winners)

Book Summaries

Concise summaries of the best business books from the website www.bizsum.com are included in this column. The publishers -- EBSCO Publishing have come forward to offer one month free access to the book summaries website to TWO winners of the Info Quiz.

The Business of Being the Best: *Inside the World of Go-Getters and Game Changers***.** By: Molly Fletcher with Justin Spizman. In every field there are certain individuals that excel and demonstrate outstanding performance. Many aspire to emulate these leaders, but are unsure how to attain their goal. In *The Business of Being the Best*, Molly Fletcher suggests that the top performers in all professions have a common set of traits. She believes that everyone can study these seven characteristics, learn how to incorporate them into their own lives, and reach greater levels of success. More at http://www.bizsum.com/summaries/business-being-best Read similar book summaries at www.bizsum.com at an exclusive 20% discount on the subscription extended to CSI-eNL readers. Use the code BBSCSI2012. A lucky winner of Info Quiz will get free access to "Business Book Summaries" for one month.

Little Bets: *How Breakthrough Ideas Emerge From Small Discoveries***.** By: Peter Sims. Experimental innovators use trial and error based approaches to reach breakthroughs in iterative ways. Peter Sims, a former venture capital investor, believes that most successful entrepreneurs work in this nonlinear way, discovering their most brilliant ideas over time. In Little Bets, Sims suggests that by using many small bets in conjunction with creative methods, it is possible to reach excellent outcomes that are both achievable and affordable. More at http://www.bizsum.com/summaries/little-bets Read similar book summaries at www.bizsum.com at an exclusive 20% discount on the subscription extended to CSI-eNL readers. Use the code BBSCSI2012. A lucky winner of Info Quiz will get free access to "Business Book Summaries" for one month.

InfoQuiz–2012-06-01 (TEN Prizes to Win – FOUR Prizes of Rs. 500/- each, FOUR books, TWO free one month access to Business Book Summaries)

1. Carlo Strozzi is the developer of which lightweight, open-source relational database which does not use SQL as its query language.
2. Google has recently filed a patent to replace ringtones with ------.
3. World IPv6 Launch by Internet Society was on ------.
4. ------ is the most applied-for Top Level Domain (recently unveiled by ICANN) at $ 1,85,000 per registration.
5. ------ is the most popular password followed by 123456

Email your answers by **30th Jun 2012** to csi.infoquiz@gmail.com **with subject "infoquiz-2012-06-01".** Please provide your name, designation, company/institution, full postal address (to send the prize) and the contact phone nos. after the answers. There are TEN 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**. FOUR prizes will be in the form of books which are briefly reviewed in this edition of the newsletter. They are being offered by **Wiley India Pvt. Ltd** (www.wileyindia.com), **Tata McGraw Hill Education Pvt Ltd** (www.tmhshop.com/), **Pearson Education** (http://www.pearsoned.co.in) and **Springer** (www.springer.com). Other TWO prizes are free one month access to Business Book Summaries from **EBSCO Publishing (**www.bizsum.com). Answers along with the winners' info will be published in the next issue.

Answers & Winners of InfoQuiz-2012-05-01

- Page's Law, False, SkyDrive, Samsung, TCS
- Rs. 500/= from SRA Systems: Mr. N.M. Zaheer (Chennai) & Ms. Shreya Gupta (Gwalior)
- Rs. 500/= from VictoryMind Edu Services: Mr. Sandeep Singh Chauhan (Jaipur) & Ms. Seema.B.K (Chikmagalur)
- Book from Wiley India Pvt. Ltd: Rama Krushna Das (Berhampur)
- Book from Tata McGraw Hill Education Pvt Ltd: Prof. Manmeet Singh (Rajouri)
- Book from Pearson Education: Mr. T.Srinivasa Rao (Visakapatnam)
- Free access to "Business Book Summaries" for one month from www.bizsum.com / Ebsco Publishing: Mr. Rajakumar (Gandhinagar) & Prof. Lalitha V (Hyderabad)

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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

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