

## Tech/Fair

# Cyber fair gets Dhaka clicking

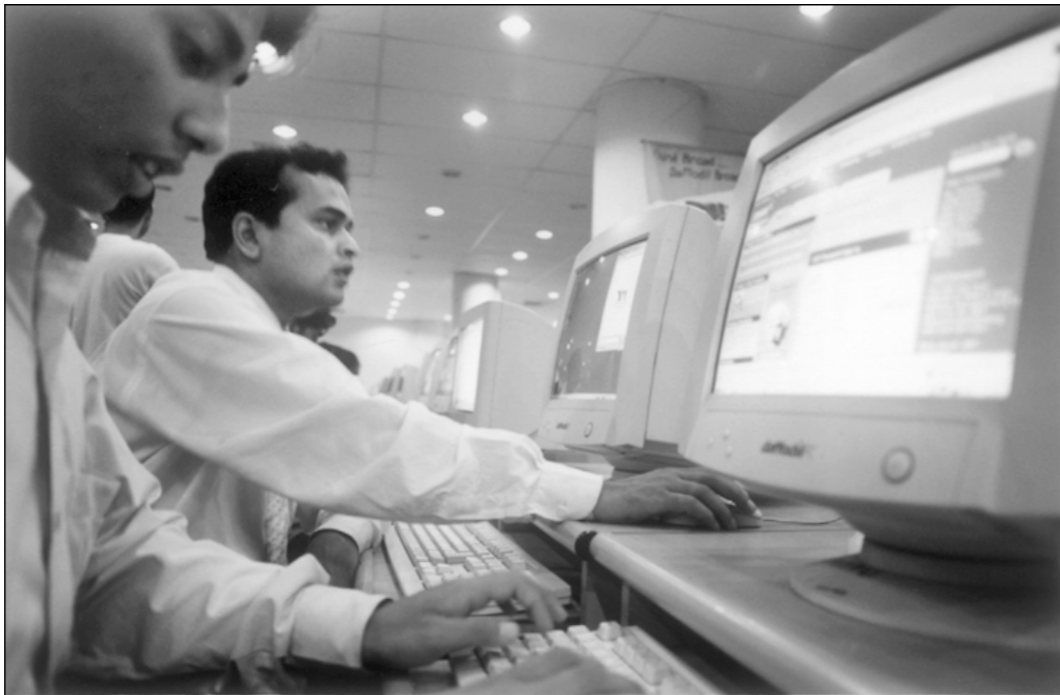
CCOAB Browsing Fair 2003

NAFID IMRAN AHMED

HOW about browsing free on a high-speed broadband connection! Those too with a treat to free Pepsis and a chance to win a raffle draw! "You must be joking!" Not really. You'd have known if you were at the three-day browsing carnival at the Lagoon Convention Centre at Rifles Square.

Organised by the newly floated 'Cyber Café Owners Association of Bangladesh' (CCOAB), the fair started on the May Day. Dr. Abdul Moin Khan, minister, Ministry of Science, Information & Communication and Technology, inaugurated the fair while Syed Marghub Murshed, chairman, Bangladesh Telecommunication Regulatory Commission, and Sabur Khan, president, Bangladesh Computer Samity, were also present as special guests. The inaugural ceremony was presided over by Arifur Rahman, convener, CCOAB.

From the first day many came pushing through the throng at the fair, picking up website information, checking their mails and learning tips on how to get a better job through recruitment websites. "I want my life to revolve around the Internet in the future," said



Password password..... get mails checked before time's up!! -- at the browser fair.

Tanvir, a net freak at the fair. The web fair added spice to normal life of the young and encouraged many

to embrace the Internet as a way of life. For 12-year-old Omi, his cyber life has already begun. Omi asked his father to buy him a computer and modem to go online a year ago and now he often surfs the net. Omi spent his time at the fair spotting two websites, one about on children's education and the other on cartoons.

The fair was powered by Daffodil Online Limited with a 1Mbps dedicated link from their backbone. Daffodil also provided the technical support and hardware. The browsing facility was provided to 70 Daffodil PCs.

In every session, visitors were given the opportunity to browse free for 20 minutes in exchange for an entry fee of Tk 15. A free glass of Pepsi was given to each browser

from the global soft drink giant Pepsi, sponsor of the 'Browsing Fair 2003'. The most interesting part was that each session had a raffle draw. Video conferencing and online movie trailers attracted many. Apart from the browsing, many IT companies displayed their products at the fair. The event was co-sponsored by Ranks-ITT Limited.

Visitors said they found the fair very useful. For some, it was useful because they discovered the excellent collection of IT resources on the net. Others felt that the fair provided a welcome opportunity for them to find out how to search for information on the Internet. All agreed that CCOAB must organise more fairs like this in the future.



Dr. Abdul Moin Khan, minister, Ministry of Science and ICT visits the fair.

## Dr. Tech

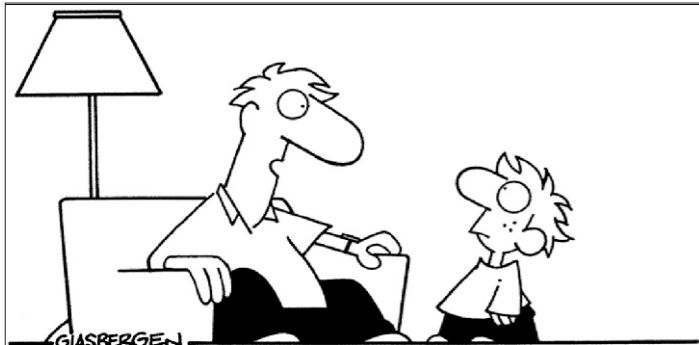
Dear Dr. Tech,  
Is it true that the title bar in Internet Explorer can be changed? You can actually change the default title yourself to whatever you want it to be? Please let me know how?  
Simon

Dear Simon,  
Yes, it's true! Changing the title is a simple process that only requires you to change one 'key' in your registry.  
The standard disclaimers apply: don't ever add random keys to your registry or delete keys unless you really, really know what you're doing.  
Let's get to it!  
Run the Registry Editor by opening the Start menu and selecting Run. Type "regedit" and click OK.  
Hit F3 to bring up the search menu and type

"window title." That should take you to the following key: KEY\_CURRENT\_USER\Software\Microsoft\Internet Explorer\Main

If the search doesn't find anything, navigate to the above key by clicking in the left-hand side of the Registry Editor.  
If the key exists, simply double click on the words **Window Title**. In the window that pops-up, edit the **Value Data** to whatever you want your default title to be.  
If there is no **Window Title**, you'll need to create it. In the **Edit** menu, select **New** and **String Value**. Change the **Name** to "Window Title" and then set the **Value Data**.  
**Close** and **restart** Internet Explorer, and there you go!  
dailystartech@yahoo.com

## Tech Toon



"My side of the family is full-blooded DOS and Windows, but you're one-quarter Mac with a little Linux and Amiga on your mother's side."

## Star Tech Quiz 38

Check the box beside the correct answer

- What is IRC?
 

<input type="checkbox"/> Internet Relay Channel	<input type="checkbox"/> Internet Relay Chat
<input type="checkbox"/> Internet Respond Channel	<input type="checkbox"/> Internet Response Cache
- Why was the first Intel Celeron processor not as popular as expected?
 

<input type="checkbox"/> Had errors	<input type="checkbox"/> Caused Excess heat
<input type="checkbox"/> No level 2 cache	<input type="checkbox"/> Caused errors

Name: \_\_\_\_\_ Occupation: \_\_\_\_\_

Address: \_\_\_\_\_

Contact Number: \_\_\_\_\_ E-mail: \_\_\_\_\_

Last week's answers  
1. Shoes 2. sum(A1:A5)

Winners: None

Please fill this up and send your answers to Star Tech Quiz, The Daily Star, 19 Karwan Bazaar, Dhaka 1215 by May 12, 2003.

## Tech/Gadgets

# Viva VSAT technology

SAAD BIN FAZLE HAMMADI

THERE is no doubt that Internet has become a major part of our everyday life. And to access the net, technologies have developed quite a few options, among which Very Small Aperture Terminal (VSAT) is widely used in the country. Most of the Internet Service Providers (ISPs) use this technology.

High-speed broadband and email access via direct two-way interactive transmit-receive VSAT terminal is now possible on a large scale.

The VSAT technology was developed by Dr. Ernest Simo in association with Hughes Network System in 1983. He was a finalist at the NASA-Astronaut selection programme twice and also a pioneer in the Code Division Multiple Access (CDMA) technology.

VSAT allows a user to provide services in a cost-effective manner where terrestrial services are not easily attainable or reliable. VSAT technology is a perfect disaster recovery or diverse routing solution. VSATs are used for various purposes such as Domestic Satellite System, Military Application, Electronic News Gathering, Direct TV reception and GPS.

VSAT is basically a very small antenna receiving signals electronically through radio wave. There are two types of frequency bands used so far by the VSAT. C bands transmit at 3.7 to 4.2 GHz downlink and 5.925 to 6.425 GHz uplink band of frequency. C band has merit in tropical areas with heavy rainfall. Ku band on the other hand is the microwave frequency band between 11.7 to 12.2 GHz receive and 14.0 to 14.5 GHz transmit. It is more susceptible to rain fade (compared to C band); however, it allows substantially smaller antennas and it



VSAT small in size but heavy duty

is much more immune to terrestrial interference and noise.

**Transmission techniques for outlink:**

A large outlink carrier from the hub is shared amongst all the customer terminals. The bit rate is upto 60 Mbits/s. The format of this carrier is Quadrature or 8 phase Phase Shift Keying (QPSK or 8-PSK). These are ways of transmitting digital data.

**Return channel satellite terminals (RCST) outdoor unit (ODU):**

The outdoor ODU equipment comprises a parabolic antenna reflector, feed, otho-mode transducer, filters and transmit/receive radio frequency modules.

**Return channel satellite terminals (RCST) indoor unit:**

The RCST is an integrated unit with connections for the two coaxial cables to the antenna and a CAT5 10/100 Base-T connection for an ethernet cable direct to the customers computing equipment. There is also the mains power input.

**Connecting your PC:**

The least complex installation will be a single PC connected with an ethernet cable. A local router is used to enable many computers on a local area network to connect.

## Tech/Snaps

### Comm & Web sings

Comm & Web Limited started their business with a cyber cafe, but now the picture has changed. Now they have branches and are providing broadband Internet connection in Uttara. Recently Comm & Web has entered the world of data entry and software development. They have also received a huge loan from Rupali Bank Limited for these projects.

### Free computer class

Grameen Star Education, Panthapath Center is providing free orientation class for 3-days, says a press release. In this orientation class a participant will get the direction of choosing the right track in IT profession, software development, fundamentals of E-commerce etc. Highlights on MCSE, MCSD, SCJP, OCP, CCNA, LINUX+ as well as the various aspects for becoming a certified professional is also a part of the class. No course fees and no registration are required in this purpose.

## Photo Tech



PHOTO: BBC ONLINE

Image shows the Soyuz-Fregat launcher carrying the Mars Express orbiter, and its lander, Beagle 2. Europe's first mission to Mars will blast off from the Baikonur Cosmodrome in Kazakhstan on Monday, 2 June. It is expected to leave the launch pad at 2345 local time (1745 GMT).

## Tech/News

# Microsoft, HP create next-generation PC prototype

REUTERS, Seattle

MICROSOFT Corp. said on Monday it has developed a next-generation personal computer with Hewlett-Packard Co. aimed at helping users who juggle phones calls, faxes, cell phones, e-mail, instant messaging and video conferencing as part of their jobs.

Described as the Next Generation Enterprise Personal Computer and code-named "Athens," the concept PC is translucent hardware that sports a wide flat-panel display with a CD-ROM drive, camera and telephone handset, among other features.

Using software and a Bluetooth wireless technology, the computer can detect what kind of task a user is doing and provide alerts in an appropriate manner.

For example, a user in a video conference would be

shown as "busy" on messaging services and incoming phone calls would be directed to voicemail. Indicator lights on the PC also flash and change color depending on the priority of a phone call, e-mail or instant message.

Much of such functionality is already available through specialized hardware and software makers, often at high prices, but Microsoft and HP are betting corporate clients will be willing to buy such PCs to boost their workers' productivity.

Redmond, Washington-based Microsoft has been investing heavily to boost PC sales and branch out into new products as PC growth continues to slow.

The Athens PC, which will be shown by Microsoft Chairman Bill Gates at the Windows Hardware Engineering Conference this week, is at least one to two years from commercialization, a Microsoft official said.

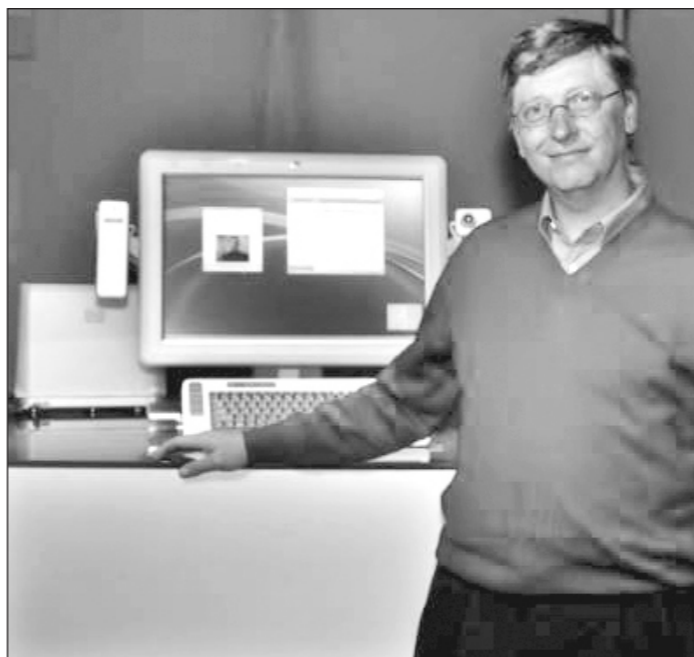


PHOTO: REUTERS

Microsoft Chairman and Chief Software Architect Bill Gates, shows a new PC prototype on May 5 in New Orleans that he will unveil during his keynote address at the annual Windows Hardware Engineering Conference on May 6. The prototype was developed with HP and is code named "Athens." The computer merges all forms of communication including next generation voice, video and text messaging.

## Cyber Human

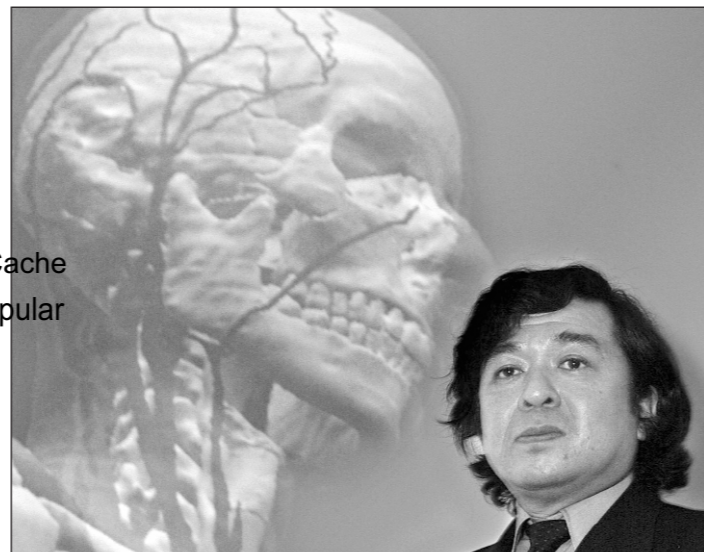


PHOTO:AFP

Dr. Naoki Suzuki, professor of the Jikei University School of Medicine, poses for photographers beside a screen displaying his 4-D Image System's "Cyber Human" after a seminar at the National Museum of Emerging Science and Innovation in Tokyo, 04 May 2003. With the help of new scanning and computer technologies, medical imaging technology can show the realtime activities inside the human body.

## Tech/ Jobs

- www.bdservers.com**  
Post: Web Developer, Computer Operator / Support  
Last Date: May 30, 2003
- International Office Machines Ltd./ TOSHIBA**  
Post: Web Developer & Programmer  
Last Date: May 15, 2003
- Pentasoft - Old Dhaka Centre, Infobase Ltd.**  
Post: Web Developer & Web Designer Faculty  
Last Date: May 10, 2003
- Total Software Solution**  
Post: System Analyst/Analyst Programmer  
Last Date: May 15, 2003
- Ranks ITT Ltd. (a member of Rangs Group)**  
Post: Surveyor, Junior Engineer, LAN/WAN Administrator, Network Engineer/Planner  
Last Date: May 07, 2003
- IDB-BISEW**  
Post: Program Officer Last Date: May 15, 2003
- eBiz**  
Post: Business Coordinator (Part time)  
Last Date: May 25, 2003
- A Leading Software Company**  
Post: Customer Support Representative/Analyst, Oracle Programmer/ Developer, Assistant Programmer/Developer  
Last Date: May 11, 2003  
source: www.bjjobs.com

## Best 10 Websites category: Auction: General

- uBid**  
Save up to 70% on the Brands you want in computers, sports, housewares, electronics and more at uBid.com  
URL: <http://www.ubid.com>
- boxLot**  
boxLot Online Auction, is an easy-to-use forum where anyone can be an auctioneer and buy and sell on the Web in an interactive-auction format.  
URL: <http://www.boxlot.com>
- ebay**  
One can trade practically anything on earth. eBay was founded with the belief that people are basically good. Customers, whether a buyer or a seller, are treated with respect.  
URL: <http://www.ebay.com>
- amazon.com**  
Amazon.com is the place to find and discover anything you want to buy online. 10 million people in more than 160 countries have amazon the leading online shopping site.  
URL: <http://www.amazon.com>
- BuyBelowCost, Inc.**  
This site takes you back to those 'days of old'. Founded by long time ecommerce veterans in January 2001, BuyBelowCost provides a free, high performance service that allows people globally, to buy & sell goods & services online.  
URL: <http://www.buybelowcost.com/>
- Yahoo! Auctions**  
Collectibles & More!  
URL: <http://list.auctions.shopping.yahoo.com>
- General Auction**  
A different approach to online auction and offer better value for money based on a no sale - no cost, with low cost if the item sold.  
URL: <http://www.generalauction.co.uk>
- Bidz.com**  
This site offers the experience of "Live Auctions" to give the feel and excitement of a real auction. Try it and you will not be disappointed.  
URL: <http://www.bidz.com>
- DealDeal.com**  
Leading Online Auction!  
URL: <http://www.dealdeal.com>
- onsale.com**  
OnSale adopted the slogan that clearly defined its mission, OnSale Brings Thrills of Auctions and Bargain Hunting Online, and it is called the World's Premier Marketplace™.  
<http://www.onsale.com/>