Newspaper Clips September 10, 2010

Hindustan Times ND 10-Sep-10 p-10

Look beyond the obvious

India's IT sector should worry more about rising labour costs than US protectionism

he US state of Ohio bans contracts that lead to jobs being outsourced overseas. Déjà vu anyone? In 2005, five states, led by New Jersey, passed or proposed similar legislation. What is the same about these two incidents is that the US was heading for a tight election during an economic turndown. The 2005 laws went nowhere and had no impact on India's infotech services industry. The question is whether the present protectionist sentiment in the US, which includes an earlier increase in H-1B visa fees, will follow previous bursts of anti-outsourcing into oblivion.

A calm assessment of the drivers behind outsourcing seem to indicate India has little to worry about. One, the US private sector is the primary source of outsourcing to India and the recession has only increased the search for cost-cutting. Recent surveys have shown that even in more protectionist Europe 40 per cent of firms plan to increase outsourcing. This is also why calls for India to retaliate by not buying US products are foolish: US corporations are the loudest voice in favour of outsourcing. Two, the specific logic of government outsourcing has only been partially diluted by the recession. Namely, US voters still want better public services without higher taxes and, increasingly, higher government deficits. The most effective way to square this triangle? Outsourcing. Three, the truth is that despite record US unemployment there has been relatively little action against outsourcing. President Barack Obama may take a verbal dig at Bangalore every few months, but his words have translated only rarely into action. Ohio's action affects a handful of jobs going to Central America. The visa hike will take a very small bite out of the \$ 50 billion India earns from outsourcing.

The greater worry for India lies at home. Despite millions of underemployed, Indian labour costs have risen so rapidly that it is losing its competitiveness in lower end outsourcing. Firms have said that because of the recession places like small town Ohio can now compete with Bangalore when it comes to outsourcing costs. This is a telling sign of the failure of India's educational system. In the long run, it is not US protectionism but Indian uncompetitiveness that should worry the infotech industry.

Andhra gets India's 3rd largest reserve

Chetan Chauhan

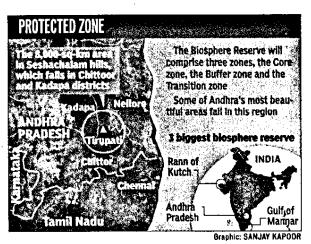
■ letters@hindstantimes.com

NEW DELHI: India's richest Tirupati Temple is now inside the country's third biggest biosphere reserve — a highly protected zone home to rare endangered plants and animals.

The Environment Ministry on Wednesday decided to declare the 8,000 square kms area in Seshachalam hills, which falls in Chittoor and Kadapa districts of southern Andhra Pradesh, as biosphere reserve.

"The Biosphere Reserve will comprise three zones, the Core zone, the Buffer zone and the Transition zone spread over 4755.997 sq.km. in the Chittoor and the Kadapa districts of Southern Andhra Pradesh," said the ministry's note of approval.

The core zone comprises of 750.589 sq.km. in the Rajampet



forest division of Kadapa district, Tirupathi forest division of Chittoor district, Sri Venkateswara National Park, areas contiguous to the National Park and areas rich in bio-diversity which would enjoy legal protection. The core zones will be free from human habitation and will allow research activity and macro management practices in addition to acting as demonstration sites for value addition to the resources in buffer areas.

The Buffer zone (outside the core zone) spreads over 1865 sq.km — covering Reserve Forest lands and parts of Sri Venkateswara wildlife sanctuary. An area of 2140 sq. kms falling within 5 km radius from the outer boundary of the Buffer zone is designated as the Transition zone.

Some of Andhra Pradesh's most beautiful areas fall under the reserve like the famous Talakona, Gundalakona and the Gunjana falls and Tirumala, the abode of Lord Venkateshwara located on seven hills known as the Seshachalam hills.

These hill ranges are also home to endangered animals like the Slender Loris, the Indian Giant Squirrel, the Mouse Deer and the Golden Gecko, a ministry official said.

Hindustan Times ND 10-Sep-10

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OUTSOURCINGBAN

Govt to protest 'protectionism'



 Barak Obama has said that tax breaks should go to companies that create jobs in the US and not overseas. FILE

Jayanth Jacob

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NEW DELH: The Ohio ban on offshore outsourcing sparked strong reactions here on Thursday, prompting India to voice its protest against US "protectionism" for the second time in a month.

The move, though ridden with America's domestic compulsions with impending elections to the US Congress, has a direct bearing on India's IT sector and has New Delhi concerned.

India had been disappointed about the US not conceding to its concerns over a legislation that raised fees for the two visa categories — HiB and L1 — that IT companies use to send workers to that country for project work. Indian companies are expected to incur an additional annual expense of \$200 million for this.

Government sources said they would again take up these matters with the US "as economic relations are a major component in the strategic relationship between the two countries, and Indian IT companies play an important role in it, including making considerable investments in the US".

On the Ohio ban, NASSCOM said it was "counter-productive to the US government thrust on reducing public deficit and possibly lead to an increased tax burden on its citizens".

Infosys and other IT compa-

nies also voiced their protest.

Government sources said such decisions amount to "protectionism". "We have to address this irritant and will be taking up the issue with the US. Our IT companies have substantial investment in the US," a government source pointed out.

OBAMA ON TAX BREAKS

President Barack Obama has said that tax breaks should go to companies that create jobs in the US and not overseas.

"For years, our tax code has actually given billions of dollars in tax breaks that encourage companies to create jobs and profits in other countries," Obama, who is slated to visit India in November, said.

IITs want to talk pay, but govt focus on exam reform

ht SPECIAL

Charu Sudan Kasturi

■ charu.kasturi@hindustantimes.com

NEW DELH: The Indian Institutes of Technology wanted to discuss pay-related concerns at Friday's much-awaited meeting of the IIT Council but the human resource development ministry instead wants to focus on reforms, including examination changes.

Asked by the HRD ministry to propose items for Friday's agenda, the IITs had suggested two pay-related concerns which have however not been included in the agenda, top IIT sources revealed to HT.

HRD ministry sources were quick to clarify that they have not included the pay-related

There appears to be a difference in priorities. That comes through in terms of what is in the agenda...

an IIT director

suggestions in the agenda only because the Council was an "inappropriate" forum to discuss these concerns "which are being looked into."

But sources in both the IITs and the ministry accepted that while there are no "fundamental problems," Friday's agenda represents divergences in views between them as much as it represents areas where views converge.

"There appears to be a difference in priorities. That comes through both in terms of what is in the agenda and what has been left out," a director said. "For us, matters affecting our running of the Institutions-including pay-related matters are most important. The government may have a different perspective... perhaps a broader one."

The pay-related concerns included a recent pay setback to select top professors at the IITs and a proposal to hike the salary grade of professors, sources said. The IIT Council, headed by HRD Minister Kapil Sibal is the highest decision making body of the premier engineering schools.

The ministry hopes to discuss its proposal to replace multiple college entrance tests with a single examination – a subject on which a panel of IIT directors did not agree with the government.

Financial Chronicle ND P-10

Mahindra Satyam staff down 30% since 08-09

From P1

The company's headcount had plunged after M&M took the reins of the company in 2009 after an accounting fraud by its founder and chairman Ramalinga Raju, which left Satyam on the brink of collapse. At present, it employs 30,000, down almost 30 per cent from Raju's time.

About 7,000 employees were retrenched as the new management tried to resurrect the company while battling the global economic crisis and the impact of the fraud at the

same time.

As part of its revival,
Mahindra Satyam has
teamed up with Tech
Mahindra, another IT firm
from the group, to execute
projects. Tech Mahindra, which
has a long association with
British Telecom, is handling
telecom projects given its expertise in the domain.

The two companies have also set up joint taskforces to handle issues related to infrastructure, human resources, technology and purchases.

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Sikorsky to develop technology for fastest flying helicopter

VIKAS SRIVASTAV

Mumbai

SIKORSKY Aircraft Corpora tion, a subsidiary United Technologies, plans to develop the technology for the fastest fly-ing helicopter — X2, in India. The company is in talks with various government bodies and expects a positive response in few months time, a senior official said.

For the uninitiated, USbased United Technologies is the manufacturer of Carrier brand of air-conditioners, besides 'Otis' elevators.

AJS Walia, managing direc-tor, India and South Asia, Sikorsky, told Financial Chronicle that the company has made presentations to Hindustan Aeronautics Limited (HAL) and other state-owned

"We look at the possibility of manufacturing the technology for X-2 helicopters in India. Be-sides, we have also responded to the expression of interest by HAL for the co-production of other helicopters," Walia said.

The company on July 26, 2010, said its X2 technology demonstrator, unofficially broke the speed record for rotorcraft, achieving a maximum speed of 225 knots in a one-hour test flight, at the Development Flight Center, Florida. The previous record for a 3,500 kg class rotoreraft was 216 knots per hour, and was set by Westland Lynx three decades back.

Sikorsky plans to achieve



the speed of 250 knots by the third quarter of this year, the company said

He said the X-2 Technology has other advantages compared to fixed wings aircrafts like ver-tical lifts at faster speed apart from other issues at the airport. It can be the preferred mode of travel for corporate honchos, and big political dignitaries. It will also have a longer reach for oil and gas exploration and evacuation and surveillance purposes," Walia said.

The company is also in final stage of finalising the joint venture with the Tata Group to manufacture precision equipment for helicopters and aircrafts.

"The plant is expected to come up at Hyderabad, as an extension to the existing plant which manufactures cabins for the S-92 Helicopters for Siko rsky," Walia said.

Tata Advanced Systems is supplying three cabins to Sikorsky by the end of this year, the first one is due for delivery in November. The company plans to ramp the production to 36-42 cabins in a year in the next two to three years time, the official said.

Sikorsky also secs huge potential in the defense sector and has shown interest in ramping up the capacity of the coast guards and the Indian Navy.

There is huge potential in the offshore oil and gas sector too, he said.

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Telegraph Kolkata 09.09.10 p-4

IIT retirement age raised to 70 to beat faculty crunch

OUR SPECIAL CORRESPONDENT

years beyond the retirement faculty member.

any teacher up to five other two years later to any years.

The Union human re- ITTs have been amended was raised from 60 to 65. source development ministry with the approval of the Visi-Higher education institu-Madras, Bombay, Kanpur, play, "Those faculty mem-also said that the retirement New Delhi, Sept. 8: The said in an order that the tor the President to allow tions including the ITIs, are Roorkee and Guwahati — hers who are not liked by age of ITI directors can be Indian Institutes of Technol-board of governors of an HT them to retain teachers up to facing a severe shortage of but only 2,963 faculty the managements may raised to 70 years from 65 ogy, facing a severe faculty can give an extension of the age of 70. No extension faculty. shortage, can now retain three years initially and an- will be allowed beyond 70

The statutes of the age for HT teachers in the seven older HTs of teachers who feel HT professor said.

According to government

members,

Kharagour, Delhi, favouritism will come into

data, there are 4.267 sane- to allow extensions has been susceptible to the pressure of cumbent directors who are In 2007, the retirement tioned teaching positions criticised by a section IIT managements," an vettoturn 70.

not get further extension. now. This will help in the re-However, the decision This will make the faculty appointment of certain in-

'At day-end, all govts want cost-effective solutions'

SURESH VASWANI, Joint Chief Executive Officer of Wipro, India's third largest information technology services company, talks to Shivani Shinde on its aim to be a global firm, focus on new segments like the government sector and US anti-outsourcing sentiment. Edited excerpts:



For Wipro, US public services For Wipro, US public service or government is a new focus area. How would the recent Ohio governor's action (banning state agencies from outsourcing)

Impact your plans?

I do not think this will impact us. We have worked with the US government in the past. The new thrust and the formation of a new vertical is being done with a clear view that we can do business, but we might have

to do business differently Simply because it's a market you cannot ignore.

It's not that the government has anything against Wipro but Will the increase in the visa it is concerned 'At present, from where the service is being de-

35-36% of our livered. There is a model that can be created to tap this employees outside India are sector. However. locals. We aim to anything that seems to be promake it 50%* tectionist is clearglobal markets work

In terms of model, will it be more focused towards

onsite? Yes, we might have to be more

fective solutions. The idea is to leverage the onsite delivery cen-tre. In some of the projects that we have with some of the US state governments, we have used an onsite-offshore strategy. But there is an expectation that what is onsite should be served by locals.

cost be charged to customers?

From an opera-tional point of view, if it is going to be an impact, the cus-tomer will have to pay. But more than the effect on margins, I think it is a

sentiment that gets impacted. India is a huge market. These kind of actions can start a chain reaction. So, you need to believe in free trade Besides, American companies need the Indian market. India onsite, but not necessarily. At and China are the fastest grow-the end of the day, the gov-ernment also wants cost-ef-population.



Wipro is increasing its onsite presence. What's the strategy?

As a global firm, we need presence across regions. At pres-ent, 35-36 per cent of our employees outside India are lo-cals. We need to have 50 per cent of our overseas employ-ees to be locals to be a truly global firm. We are working towards this. Today, a majority of our senior executives are locals heading those units. For instance, Hiroshi Alley, who heads Japan operations, is a Japanese; the Middle East unit is headed by a local prince.

Some of our business has a

rich mix. For instance, con-sulting. Most of those in this unit are from the US and UK. That shift has taken place at

Wipro in the past two years. When we talk of expansion, we are looking at gearing near-

shore centres. Our Atlanta centre is one of these. We want to scale some of the centres.

How has the antioutsourcing sentiment impacted the business?

One is the sentiment and then there's the harsh business reality. Ultimately, the business has to succeed. From a customer perspective, they do what is right for the business. If I give better quality of services, why would they be concerned about the region or any other crite-rion? I would service an Indian customer from my US cen-tre if the US centre is not be-ing utilised. I would service from Egypt if I have capacity there. That's the way any busi-ness works. Look at MNCs like Microsoft, Cisco and others.
They have leveraged the strength of the world.
Offshoring has to increase.
Where is the talent? India has

the talent and to be a successful global firm, you need to leverage talent.

Financial Express ND 10/09/2010 P1

Withholding tax breather for IT firms

■ Companies need to withhold tax only on royalty paid to non-residents, rules SC

Indu Bhan & Goutam Das

New Delhi/Bangalore, Sep 9: Technology firms are not required to withhold tax on all cross-border payments, but on the royalty they pay to non-residents, the Supreme Courthas said. The order was widely welcomed by leading technology companies. Infosys CFO V Balakrishnan said the decision would reduce the cost of software ownership for the company by about 10%.

TDS (tax deducted at source) would be applicable on royalty payments on copyright goods, which are taxable in the hands of the foreign company, and not on purchase of licence to merely use such goods, the apex court said in a ruling on Thursday.

A Bench headed by chief justice SH Kapadia set aside the Karnataka High Court judgment which made tech firms legally bound to withhold tax on all cross-border payments.

The apex court while remanding the huge batch of cases to different high courts asked the latter to decide the same after looking into the nature of payments made to non-resident firms.



The high court while ruling in favour of the revenue department had held that any software purchase from global vendors amounted to royalty payment for a licence to use it, and should not be deemed as a mere purchase of goods excluded from withholding tax.

Tax experts also saw significant benefits to IT firms from the SC ruling. 'The argument given in the case was that every payment made to non-residents should not attract TDS under Section 195, but only those payments which are taxable. Today's ruling has asked the high court to re-examine and pass a fresh order. This is a very positive development," said Vishal Malhotra of Ernst & Young.

After the high court or-

der, the department had dispatched several notices to taxpayers who had not deducted TDS.

Sonata Software head of strategic finance and risk management N Venkatraman said the SC order was positive for the IT industry. In FY10, Sonata rana disputed tax liability of Rs 224 crore with the High Court of Karnataka holding that the company failed to deduct tax at source on amounts paid to overseas suppliers on purchase of software. The company appealed the Supreme Court.

m Continued on Page 2

Withholding tax breather for IT firms

"We import all Microsoft software. Oracle has aduplication licence in India so we can buy Oracle in India. The Karnataka HC had said that whatever payment goes from India to foreign firms, the Indian firm had to deduct tax. The point of law made was whether the payment made outside India was subject to tax in India and if it was so, what was the nature of the payment," he said.

MindTree CFO Rostow Ravanan said the stay order doesn't impact the firm much. "Most of the foreign technology companies we buy from have offices in India. About 80% of our software product billings are done in India," he said.

According to Vikas Vasal, partner, KPMG, the underlying issue in any payment to a non-resident is two-fold: Whether there is income element in that and if it requires tax to be withheld in India. Further, hesaid, that the other issue is whether a certificate is required from the tax au-

thorities in respect of each and every such payment or only in respect of specific payment where there is income liable to tax and, hence correspondingly, tax with-bolding is required.

"There have been conflicting decisions on these points which have resulted in some confusion in the minds of taxpayers," Vasal said.

The software companies had argued before the court that there is no need to deduct TDS while remitting payments overseas as they do not deem the income to be taxable in India. However, the commissioner of Income Tax, International Taxation, said the moment there is payment to a non-resident, there is an obligation on the payer to deduct TDS under Section 195 (1) of the Income-Tax Act and the only way to escape the liability is for the payer to make an application to the assessing officer (AO) for non-deduction or for deduction at a lower rate.

If the payer does not make an application and obtain an order, it is not open to him to argue that the payment has not resulted in taxable income in the hands of the non-resident recipient and that, therefore, there is no failure on the part of the payer to deduct tax under Section 195 (1), the Revenue contended.

Challenging the high court verdict of April 24, 2009, the firms said that the high court overlooked the accepted principles of international taxation that are broadly being adhered to by all the countries to ensure uniformity in how tax is to be levied on transnational transactions. "The proliferation of DTAAs establishes the growing recognition of harmony in the taxation systems of different nations. One of the accepted principles of taxation is that the law should not seek to assume jurisdiction over a taxpayer who has no presence," the petitions said.

The High Court had fol-

lowed its earlier decision in the case of CIT vs Samsung Electronics where it had held the only way to escape the obligation to deduct TDS is by filing an application before the assessing officer and obtain an order for non-deduction or for deduction at a lower rate. In both the cases, the assessees made payments to foreign companies for purchase of 'shrink-wrapped' or ready-made software without TDS deduction. While the AO held that the payments were taxable in the hands of the foreign company as "royalty" he held the assessees liable for non-deduction of tax and interest thereon.

While this view was quashed by the Income Tax Appellate Tribunal on the ground that the payments for software being a purchase of a 'copyrighted article' and 'goods' was not liable to tax in India, the high court reversed the tribunal's verdict.

(Tanu Pandey contributed to this story)

Business Standard ND10/09/2010 p_g

84% of rural India not aware of internet

About 84 per cent of the people residing in rural India are not aware of the internet because of inadequate infrastructure facilities, according to a report by the Internet and Mobile Association of India. The report further says 38 per cent of the rural population does not feel the need for internet. While 31 per cent of the rural population does not have any internet access point, 25 per cent has no internet connection and about 22 per cent has no supply of electricity.

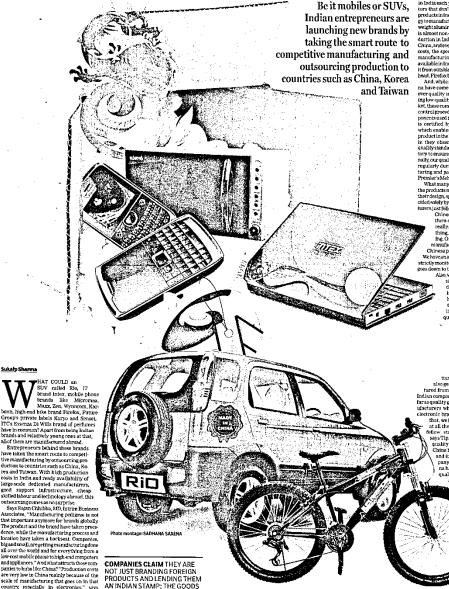
BS REPORTER

Financial Express ND 10/09/2010 P6

NIIT's IT programmes in Afghanistan soon

NIIT has entered an agreement with Afghanistan's ARIA Institute of Higher Education to develop an employable talent pool of information technology professionals in the country. In a media release, NIIT said it will offer programmes in software engineering and networking. NIIT will also offer career programmes of six months to two years.

Foreign-made Indian brands



dow-cost mobile phone to high-end computers and appliances. "And what attracts hose-companies to hale like Chinat" "Production easis and appliances" And what attracts hose-companies to hale like Chinat" "Production easis and appliances" and appliances and appliances on in the country, especially in electronics," sugar, especially in electronics," sugar, especially in electronics," sugar, especially in electronics, and startactured case to outdoor depitial and infrastructure costs by outdoording manufacturing, as they are not investing longitude and appliances of the endough t

COMPANIES CLAIM THEY ARE

tive years and had a turnover of close to Rs 22 croved styser. They have more than dimedels in high-end blees and self around 25,000 blees of the high-end blees and self-end products in India 2 Frighty the proper technology to manufacture lightweight aduminum frames for bicycles in India is almost non-existent. Secondly, cost of production in India is substantially higher than china is almost non-existent. Secondly, cost of production in India is substantially higher than china, and even in one were to been the higher costs, the specifications that we require for manufacturing our blees would be bright be available in India and, therefore, we have toped the specification of the production of the post over quality issues, expecially a round dump have come under the scanner in the past over quality issues, expecially a round dump place quality products into the Indian market, these companies claim that their quality control procedures are well in place. All components used in our SUY are E-certified (This is certified by European testing agencies,

tional brands across the boardary also spitting their products manufac-fured from the same factories in China, funds normpanies are playing a safe bet. "As-far as quality goes, we have tied up with man-ufacturers who also cater to the top three electronic brands in the world. Apart from that, we have quality assurance teams at all the manufacturing hubs and we follow stringent quality guidelines,"

caterinatous. They have the expertise immanufacture in the representation of the part choosing a uniform production of the part choosing a production of the production and with outcomedition of the part choosing a production of the production and with outcomedition of the production and the production and the production production and shipping costs of the part choosing a production production and shipping costs of the part choosing a production production and production reaches a break-even, production production reaches a break-even, production production reaches a break-even, produc

Google speeds up search with 'instant' results

■ The feature comes to the US this week, reaches the world later this year

San Francisco, Sep 9: Google stepped on its Internet search accelerator Wednesday by adding a feature that displays results as soon as people begin typing their requests. The change, called 'Google Instant', is the closest the 12-year-old company has come yet to realising its founders' ambition to build a search engine that reads its users' minds.

The achievement wasn't lost on Google co-founder Sergey Brin, who jokingly told reporters that the company's lightning-quick computers are morphing into the 'other third' of people's brains.

"I think it's a little bit of a new dawn in computing," Brin said Wednesday.

The shift means Google users will begin to see an ever-evolving set of search results appearing on their computer screens, potentially changing with each additional character typed. That means a satisfactory set of results could take just one keystroke. As an example, a person who types 'w' in Google's search box could see the weather results in the same area as where the request was entered.

Google will also try to predict what a person really wants by filling out the anticipated search terms in gray letters. Below that, in a dropdown box, Google will still offer other suggested search requests, as the site has been offering for the past two years. The feature will be gradually



If nothing else, Google hopes the innovation will help it maintain its dominance of the lucrative search market as rivals Yahoo and Microsoft team up to mount a more formidable challenge REUTERS

rolled out throughout the US this week and will be offered in other parts of the world later this year. It's designed to work on the latest versions of the major Web browsers.

The instant results only will be displayed on Google's standard website, which features little more than its logo and a search box. They won't be shown to users making requests on individually designed 'iGoogle' pages that are usually already covered with different decorations and programs plugged into other online services. People who prefer Google's basic website and don't want to see instant results can turn them off by clicking on a link next to the search box.

To minimise the chances

of offending people or inadvertently exposing children to inappropriate material, Google has programmed the instant results to block websites deemed to be pornographic, violent or hateful. That restriction may trigger complaints that Google is stifling freedom of expression or unfairly screening out some sites that were improperly blacklisted.

Because Google's search formula draws heavily upon common search requests, the instant results also could be biased toward featuring major brands and companies during the first few characters of a request. That factor conceivably could hurt smaller merchants if people stop typing after the first few key-

strokes and accept the results that show up the most quickly

Despite potential pitfalls, Google search executive Marissa Mayer hailed the instant search breakthrough as a quantum leap akin to Bob Dylan's switch from an acoustic to electric guitar in 1965. "It's a fundamental shift to search and how people think of search," she said.

If nothing else, Google is hoping that the innovation will help it to maintain its dominance of the lucrative search market as rivals Yahoo and Microsoft team up to mount a more formidable challenge. Currently, Google processes about two-thirds of Internet search requests while Microsoft and Yahoo handle most of the rest. AP

Business Line ND 10-Sep-10 P-19

'High attrition rates can prove costly for companies'

BL CLUB

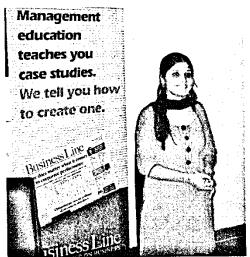
Our Bureau

New Delhi, Sept. 9 Attrition is back in a big way in the information technology sector with companies such as Wipro and TCS reporting attrition rates of 23 and 16 per cent respectively, said Ms Alpana Ghildyal, As-sistant Manager (HR), Fireball Group, at a guest lecture organised by BL Club at the Institute of Information Technology and Management, Janakpuri, here.

The rate of attrition was low in the past year, but with the recessionary trend receding, it is climbing again and the current situation should be treated as a warning sign, Ms Ghildyal said.

What is alarming is that some companies such as Ingram Micro India faced a near complete attrition of 100 per cent, according to a DQ-IDC BES IT survey, she said.

"None of the top five Indian



Worrying factor: Ms Alpana Ghildyal, Assistant Manager-HR, Fireball Group, delivers the BL Club lecture at IITM (Janakpuri) in New Delhi.

to the list of top 50 great places to work with in the surmost preferred recruiter list -

software companies made it vey," she said. Surprisingly,

Tech-Mahindra - do not find place in the top 50. Three of the top five companies are multinationals. Google ranks number one, followed by MakeMyTrip, Intel Technology, Marriott Hotels and NetApp India. While the attrition rates are going up in the companies, there is no retention policy in place. The HR team should take measures to encourage employees to stay with the organisation.

RETENTION STRATEGIES

While one can do nothing about non-preventable attrition that takes place due to retirement, employee's spouse's transfer or an accident, one can and must focus on controlling the preventable attrition that is a result of lack of job satisfaction, stressful work environment, outside influences, conflict with managers and apprehensions over career growth, she said.

Human resources is not just about taking care of peo-

ple, it is part of a business and has a cost factor just like a finance department or an administration department. The attrition costs add up to the business costs.

It is a myth that people change jobs only because they want more salary, she said Given a chance, anybody will want to move to a better place with a better package, but it is also true that people sometimes do not leave the organisations, they leave the managers. "Sometimes, even when the remuneration is good, people tend to leave their jobs. It is more often than not because of bad managers," she said.

Everybody in an organisation works hard but when an employee's contribution is not recognised, the person is demoralised and stops working. It is important to recognise and reward employees' efforts.

>>More on the Web: www.businessline.in/ webextras

Business Line ND 10-Sep-10 p-20

YOUNG CEOS ARE COMBATIVE, SAYS STUDY

Testosterone may drive aggressive takeovers

Reuters

Washington, Sept. 9 Younger chief executives with high testosterone levels may be more likely to try a hostile takeover – and to get burned in the attempt, Canadian researchers said on Wednesday.

They found age was clearly linked with aggressive takeover behaviour, and did a careful but indirect analysis to see if testosterone might be involved.

It likely is, said Kai Li and colleagues at the Sauder School of Business at the University of British Columbia.

"Young male CEOs appear to be combative: they are 4 per cent more likely to be acquisitive and, having initiated an acquisition, they are over 20 per cent more likely to withdraw an offer," Li's team wrote in the September issue of Management Science.

"Furthermore, a young target male CEO is 2 per cent more likely to force a bidder to resort to a tender offer. We argue that this combative nature is a result of testosterone levels that are higher in young males."

Could experience be a factor, or rational thinking? "Our main thesis is hormones in a person's body may influence corporate decisions," Li said

in a telephone interview.
"Personality, gender, age all

matter."

DECLINE STARTS AROUND 45

The best way to test that would be to monitor CEOs in the midst of a takeover battle, but it was not practical, Li said. "But there are studies that already demonstrate a strong relationship between male age and testosterone," she said.

The hormone starts to decline in men at around age 45.

So Li's team looked at a Thomson Reuters database of 2,458 acquisition bids made by US public for US public targets between 1997 and 2007.

Researchers looked at the characteristics of the CEOs involved – including how long they had been at the helms of their respective companies, in case the differences came down to simple experience.

There was a clear pattern – younger CEOs were 4 per cent more likely to initiate a bid than CEOs over the age of 45.

"In a more marked finding, male CEOs' relative youth increases their likelihood of withdrawing a merger/acquisition bid by as much as 20 per cent," Li's team wrote.

Younger men with presumably

higher testosterone would reject low offers, even if the rejection meant losing any chance of an offer, the researchers said.

Testosterone appears to provide the best explanation.

"The connections we find are present even after controlling for other plausible influences on M&A outcomes," they wrote.

In controlled laboratory tests, young men with high testosterone often will make a no-win offer, research has shown.

"This opens a new chapter in corporate finance research," Li said.

WOMEN'S WAYS

Do women CEOs behave the same way?

"Unfortunately in the corporate world ... only about 1 per cent of the CEOs are female, so there just aren't enough data points for us to draw any conclusions," Li said.

Last year, researchers at
Northwestern University and the
University of Chicago found that
female MBA students with higher
levels of testosterone were far more
likely than those with lower levels to
choose finance careers such as
investment banking that can be
lucrative but also risky.

India has no legal option in Ohio issue

Commerce Minister

Anand Sharma said

he would raise the

issue of ban on

outsourcing by Ohlo

at the trade policy

forum meeting

NAYANIMA BASU New Delhi, 9 September

the Ministry of Commerce and Industry has decided to register its protest against the recent move by the state of Ohio to ban outsourcing but it is not in a position to lodge a complaint against the United States in the World Trade Organisation's (WTO) dispute settlement body as New Delhi is not a signatory to the Government Procurement Agreement (GPA).

"I will raise the offshore ban issue by Ohio at the trade policy forum meeting scheduled on September 21," Commerce and Industry Minister Anand Sharma told Business Standard. Officials in the government, however, said India could only lodge a protest and not take legal action against the US.

GPA forms a vital part of international trade which stipulates procurement of goods and services by authorised government agencies to prevent fraud, corruption and domestic protectionism. India, which was a strong opponent for starting talks ernment procurement under the Doha Round, has recently sought observer status in the GPA negotiations, which will allow it to monitor the talks without being a part it. In the event India signs the agreement, it would have to provide permanent access to foreign players in governmental contracts and tenders.

Trade experts and analvsts whom Business Standard spoke to agreed to the fact that legally India could do little. However, they all suggested that India raised its voice

as much as possible to protect its interests.

We really have no other option but to voice our resentment in global fora that this is resort to protectionism, which has the potential to affect the bilateral relations between both the countries," said Anwarul Hoda of the Indian Council for Re-

on a binding agreement on gov-search on International Economic Relations, and a former WTO functionary.

Several leading Indian information technology companies such as Wipro and Infosys have protested against the move, including the National Association of Software and Service Companies (Nasscom) that has sought the government's intervention

in the issue. On Wednesday, US President Barack Obama announced tax cuts only for companies which create jobs within the US.

"Such measures definitely create hindran-

ces and vitiate the trade atmosphere. The US was always known to be free and fair as a trading partner, which is now changing. We should also have these issues, including the visa Bill, bilaterally on a very strong footing. These would gradually induce India to have a relook of its own domestic policies that might create problems for the US in accessing our markets," averred T S Vishwanath, principal adviser, APJ-SLG Law Offices.

Research and Information System for Developing Countries (RIS) Director General Biswajit Dhar said the US was going back on its commitments to keep the markets open. "Somewhere, we need to tell them very clearly that these measures affect our economic interests. Even if we could have appealed it at WTO, it would not have helped us because normally cases like these drag on for years and by that time the damage would have been made," he said.

According to Pradeep Mehta of CUTS, this would not be converted into a law as the final signing authority rests with Obama.

"India should protest such moves in the upcoming G-20 meeting in Seoul and bring it to everyone's notice that countries which preached liberalisation of market are not committed themselves," said R S Ratna, professor, Centre for WTO Studies at the Indian Institute of Foreign Trade.

Business Standard ND10/09/2010

fighting with us and y parts of Intel are using ARM's technology



The biggest mobile phone chip designer successfully keeps competition at bay while venturing into new segments

while venturing into new segments

pasio RAMAN MSHRA

ANGALORE

The demand for chipsets and he microprocessors in the mobility space — mobile phones, ravigation dense, raily gender that chip manufacturer to this growing market, without a market with the four this company will not be able to keep it at an 'arm's length.' Turket because of the latter's bleen dominated by UK-based ARM.

With a revenue of close to good million and a market without a market without the standard that even intelled Browness are standard that even intelled Browness and the company will not be able to keep it at an 'arm's length.' Turket because of the latter's bleen standard that even intelled Browness are standard that even intelled Browness and the company will not be able to keep it at an 'arm's length.' Turket because of the latter's bleen standard that even intelled Browness and the company string fund a very solon and a market has been giving fund a string to the company string that a transfer of the string string that a string that the company string that a string that the company string fund a transfer of the string string that a string strin



It would mean more than 464-000 separate towers of i Pads of 16GB stacked flat on top of 16GB stacked flat on the 16GB stacked flat on

Digital information in India to grow 60 fold by 2020: EMC

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India's share of digitaliment of Global Accounts for Global Accoun

Multilingual Web should be a priority for India: W3C chief

Six months into his new job, Jeffrey Jaffe, Chief Executive Officer of the World Wide Web Consortium has his work cut out



The World Wide Web Consor-tium or W3C, as it is better known, is where the industry meets to set standards for the Web. And Jeffery Jaffe – an IT industry veteran who held prominent posi-tions at Bell Labs (Lucent Techmologics), IBM, and more recently at Novell - as its CEO not only over-sees the W3Cs largest project in progress (HTML6 standards group) but is also trying to ensure that he Consortium sharpens its focus on multilingual web standards for countries like India. tries like India

multingari web sandars for courties like India.

"This May, I visited India partly to help launch the new W2C office at a conference. My experience in the conference and in meetings illustrated opportunities that W3C has in India — better communication of our work, greater participation in this work by engineers from India and expanding our technical scope. In India, W3C office is hosted by the Technology Development for India Languages (TDIL). This partnership will strengthen our internationalisation work, part of ensuring that the Web

is available to all people."
"With 22 official languages in Indian in addition to a larger number of languages and dialects – making the Web available irrespective of language and literacy levels is a key issue for India and consonant with our value." said laffs.

our values," said Jaffe.

As the CFO, Jaffe has other important issues that merit his attention. The Web, as we know, has been around for two decades but has been exponding at a rapid pace. New capabilities are being added periodically. Moreover, data are being accessed from mobiles too. So new standards have to be sot," he explained.

This August, for instance, W3C began discussing a new framework for different fonts on the Web, Web designers have generally relied on a small number of pre-installed type-faces - such as Arial, Verdana and Times New Roman - considered to be "Web-Safe" and thus dependably rendered by various browsers. The large number of other typefaces used in the print medio have remained out of reach, due to lack of an interoperable format supported by different browsers and the lack of practical Webfort licensing options. "The Web

sheets (CSS) for Web technology are

sheets (CSS) for Web technology are tarring to be deployed in browsers. HTML5 (flike its earlier versions HTML 40) and SHTML1. It is the language that the world Wide Web uses to make con-tent intelligible to internet users. The new stan-dard incorporates features like video playback and drag and-drop that have been previously dependent on With 22 official languages... making the Web available irrespective of language and literacy levels is a key dependent or issue in India

implemented in browsers earlier. should not place any restrictions on You will see a lot of action on this the internet's content or means of

Open File Format (WOFF 1.0) will change all than," said Jaffe.

Moreover, open global standards are faced with new challenges, said like HTML5 and cascading style sheets (CSS) for Web technology are dardisation. Innovators introduce nothing wrong with it. In fact, we er

courage this trend. But platforms must be open to the extent possi-ble and where there are not, we have to get the stakeholders to work with the larg-er interests of in-ternet users rather than restricting their technology with patents (ref-erence to patent

dependent on the control of their technology with patents (reference to patent sources as Adobe (FG), W3C (FG), W3C

accessing that content. "We are a echnical standards body. We do not ake any sides on policy matters." Meanwhile, the W3C, according

Meanwhile, the W3C, according to Jaffe, is laying emphasis on the 'Semantic Web' that comprises a

Semantic Web' that comprises a group of methods and technologies to allow machines to interpret the meaning of the information on the World Wide Web. It is a collaborative effort led by W3C with participation from a large number of researchers and industrial partners. The term was coined by W3C director Tim Berners-Le. Technologies include the Resource Description Framework (RDP) and the Web Ontology Language (OWL) which are aimed at providing a formal description of concepts, terms, and relationships within a given knowl-

relationships within a given knowl-edge domain.
However, the Semantic Web as a global vision, remains a work in progress. For it to 1 ecome success-ful, we need more semantic data on the web. The trend will then pick up pace," Jaffe signed off.

The author, on a sabbatical from Business Standard, is an MIT Knight Science Journalism Research Fellow 2010-11

Business Standard ND10/09/2010

Zero in on maths

India will do well to tackle red tape that hobbles its academia and encourage its mathematicians to build ties abroad



OUANTUM Lèap

DEVANGSHU DATTA

espite Ramanujam, Varad-han and a host of other talented Indian mathematicians, the subject occupies little space in public consciousness. There even a rancid joke to the effect that India invented the zero and after that, India's contribution to meths is zero.

It was never true. But many talented Indian mathematicians work including a vast array of applied abroad, with a few exceptions such as Manindra Agrawal, Neeraj Kay-

al and Nitin Saxena, the trio that generated the AKS Primality Test at IIT, Kanpur.

There are few opportunities for locals to interact with practitioners based elsewhere. The recently-concluded International Congress of Mathematicians (ICM) in Hyderabad was a good first effort at breaking the ice

ICM started in Zurich in 1897 at the behest of the International Mathematicians Union (IMU). India bosted the quadrennial event for the first time. Incidentally, IMU also elected its first-ever woman president,

Ingrid Daubechies of Princeton. Every seminal maths problen ICMs, But as Oswald Veblen once explained, the ICMs are "not congresses of mathematics, that highorganised body of knowledge, but of mathematicians, those rather chaotic individuals who create and

nserve mathematics". The "killer app" is that academics t ample opportunity to meet inget ample opportunity to meet in-formally. They discuss not only pa-pers they ve published but also discarded drafts and blind alleys. The value of that interaction cannot be quantified. An unstructured conversation may lead to a big collaborative effort or insightful break-

Massively collaborative efforts like Tim Gower's Polymath Project and Stanford-Berkeley's MathsOverflow Project are now common. The Polymath Project

solved the Density Hales-Jewett theorem (which had defeated every-one for years) in 37 days in an online effort, involving 800 people who collectively signed off as "DHJ Polymath". The use of social networking techniques completes a circle because those applications are built on mathematics.

Events like ICM create preconditions for future collaboration Of course, the agenda is structured around the valedictory with the handing out of awards and prizes. The biggest award is the Fields Medal. The Fields carries only \$15,000 in monetary terms. But it's the Nobel-equivalent for mathematicians. It is only awarded to somebody under 40. No Indian has

There was some excitement when 39-year-old Vinay Deolalikar claimed a solution to the "N Vs NP problem" in early August, just days before the ICM. N Vs NP is one of seven "Millennium Problems", in which the Clay Mathematical Institute offers million award. Unfortunately Deolalikar's proof was flawed.

The Fields winners were Cedric VIIIani (France), Ngo Bao Chau (Viet-nam), Elon Lindenstrauss (Israel) and Stanislav Smirnov (Switzer land). Other awards included the Rolf Nevanlinna Prize for work in computer science to Danny Speelman (US), and the Gauss Prize for applied maths to Yves Mayer (France), as well as the new Chem Prize for lifetime achievement, to

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Louis Nirenberg (US). Another new award was the Leelayati Prize (named after Bhaskara's Sanskrit textbook) for "outstanding public outreach" to Si-mon Singh, ("Fermat's Last theorem", "Codebook"). The Kenneth May prize for work on the History of Mathematics went to Radha Charan Gunta for his history of "desi" trigonometry in "Mathematics

A couple of events piggybacking ICM generated publicity, some negative. One was the brilliant theatrical adaption of Ramanujam's life story in "A Disappearing Num-ber", which was performed by Complicite in several locales.

Another was the needless controversy over the citizenship of world chess champion Viswanathan Anand, Anand, who gave a simultaneous display against 40 mathematicians was due to be awarded an honorary PHD before the HRD Ministry tied itself in bureaucratic knots.

This was a sad reversion to the sort of red tape that hobbles Indian academia. The Government of India (Gol) is generally tardy in pro-cessing applications from foreign academics. It did a good job for ICM but it has to get better at bread-andbutter work-permit clearances.

Desnite India's mammoth technical pool, it has few pure research institutes like TIFR, IISC and ISI. There is little pressure to publish, given time-bound promotions. This creates a victous circle with a small local pool isolated from the main-

stream.
If India's policy makers wish to change this situation, they must create conditions in which the best want to come and work here. They must also help India academics to . mate contact.

interact more easily and build ties abroad. Visas are only part of the problem, of course.

The myth of the borderline lunatic, mathematical loner persists and it's perpetrated by geniuses like Grigori Perelman and John Nash. Everyone knows about Nash and his beautiful mind. Perelman who has refused to accept either the Millennium (for solving the Poincare Conjecture) or the Field Medal, is famously reclusive.

They're exceptions. It is no accident that most of awardees at ICM 2010 have worked in several countries. It is normal for papers to be co-authored, to be published online and thus, open to multiple peer-

ICM demonstrated that the Indian mathematical community enjoys meeting up with their global counterparts. The fruit of such associations will only be apparent over time. One hopes that the Gol's strong support in hosting ICM was not an aberration but a signal of a new policy that encourages more inti-

Outsourcing protest

India needs reality check on government procurement

Thile the Indian information technology (IT) and related services industry's protest against a decision of the government of the state of Ohio in the United States on banning outsourcing of IT services in government procurement is understandable, India has no official ground to stand on in conveying its displeasure. By choosing to remain outside the existing plurilateral agreements on government procurement, even though India finally decided to become an ob. server on a World Trade Organisation (WTO) panel on government procurement earlier this year, the government cannot really take the US to the WTO on this issue. In announcing its decision to become an observer on the WTO panel this January, a government spokesperson said that India could be hurt by retaliatory action by the US that could impose a ban on Indian companies benefiting from US government procurement, if India did not open its own government procurement to global tenders under a WTO protocol. The Ohio state government action is a sample of things to come.

It would, however, be wrong for India to assume that such bans are India-specific. With upwards of 10 per cent unemployment and declining popularity, the Barack Obama government is under pressure to do something to generate more jobs at home. Actions like these are aimed precisely at achieving that objective and Indian companies must be prepared for more. At the same time,

it is important not to exaggerate the impact of government procurement on total demand for outsourcing emanating from the US. Indian IT and software services companies supply services to almost every Fortune 500 company in the US. The US private sector market is huge and will continue to demand Indian services in its own bid to remain globally competitive. Hence, Indian politicians and lobbyists need not get too worked up, even if they must wake up and respond to this new source of pressure on Indian exports.

One way India can help buy support for itself in the US is to buy more from the US. Such purchases by an India growing at over 8 per cent from a country facing the threat of doubledip recession can help win friends and calm fears in the US. The recent decision of the Indian civil aviation sector to buy more Boeing aircraft will help. If the Indian nuclear liability regime had been more accommodative of US corporate interests, that too would have helped. But having upset US companies with its highminded supplier liability regime, India should only expect such pinpricks as the one from Ohio. Finally, India must take a new look at its stance on a WTO agreement on government procurement and on the wider issue of the agreement on trade in services. India needs multilateral protection from such arbitrary bilateral action. Yielding ground on government procurement in exchange for an agreement on services covering all modes should be considered.

The non-identical twins of the East



NEHA CHÓWDHRY

ill China always overshadow India? A Morgan Stanley report released in August provocatively declares that by 2015, India will pegin outpacing China's rapid GDP growth. Given the current economic

begin outpacing status a maps growth. Given the current economic dride between the two countries, this looks unlikely at first glance. Yet, Subramanian Swamy comes to a similar conclusion in his book Economic Development and Reforms in India and Chaza. A Comparative Perspective. Ching new reforms in the financial system, inclusiveness of education and intelligent manipulation of the demographic

dividend as crucial determinants of growth, the earther predicts that India, with its sestained democracy, will overtake China by 2020.

Swamy, an early schootate of Indian economic liberalisation, artained his PhD from Harvard University, where he taught for 10 years before becoming a professor of economics at ITT, Delhi. He has been elected to Parliament for free terms and has been a Cabinet minister view.

minister twice. He presents his main reasons for the focus on India and China early in the book. Swamy emphasizes the similarities the neighbours share in terms of size, population and their economic history, the common growth models of socialist persuasion till the 1980s, followed by market-oriented reforms. He terms of size, population and their economic history; the common growth models of socialist perauasion till the 180ts, followed by market-oriented reforms: He also points to the contrast of India's democracy and China's authoritarianism which provides an acceptable of the State advantage of a new surge; in global capital and rising costs of labour in the East Asian

interesting case-study of what each political model has to offer in terms of the control of the control of the case of the control of the con

economies. Despite the fallout from the financial crisis, Chiru and India have continued to grow at 11.9 per cent and 8.3 per cent, respectively—the fastest in the world. Vet, amids producions of China and India's upcoming superpower status, Swarmy discusses the ongound reality of both countries. Powerty, regional inequalities, structural weaknesses in the financial sector and the need for an extensive set of reforms remain to be dealt with. He sluddes to democracy and the prevailing demographic dividend as india's hump cards over China's authoritation government. While Beijing's political style allows for chine participation will lead to greater so dail unrest in the lock of this participation will lead to greater so dail unrest in the long run. Also, he notes that with more than

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haif of India's population under the age of 25, the ristio of the working population will not decrease before 2011, giving the government time to train and empower the youth to fixel future development.

The book also repeats the well-worm statement that "what China is to manufacturing, India is to services." The service sector constitutes 50 per cent of build's CDP While an adminable jump from agriculture-led growth to service-led growth is uncommon in developing countries, a concerted effort to develop the manufacturing sector in India needs to be made. This is crucial to creating adequate employment for those who are semi-sidled and cannot get work in the agricultural sector.

The author points out a number of competitive disadvantages that that faces in companison to China in the area of manufacturing. The prohibitively high cost of power in India (nearly two-and-a half times in higher input costs, is one such

higher input costs, is one such

disadvantage. Another is the negative externalities that result from the inefficiencies of Indian ports. China handles four times the amount of freight that india handles. In terms of policy measures, China's consistent creation of new town and village industries (TVEs) allowed for a more substantial abour shift from agriculture to industry than in India. Combined with high market incentives, these TVEs have been once successful than India's small scale businesses.

A McKinsey Global Institute (MG) study revealed the three-main barriers tearling India's annutal growth by 4 por cent as "the remaining mitting for or explainting symming product markets, discitories in the land markets and extensive government ownership to Business."

The book points to removing these obstacles as labour productivity would increase by 8 percent, creating 75 million new jobs

these obstacles as labour productivity would increase by 8 per cent, creating 75 million new jobs which, in turn, would translate into

the 10 per cent growth rate that India needs to overtake its behemeth neighbour. In the 1800s, Chana and India accounted for more than half of the world's GDP Imperialistic nations, colonization and exploration of the two glants resulted in a hull in their world economic dominance. Wiff the IMF is right, that economic powerhouse image is being rapidly reinstated, with a combined share of 22.8 per cent of global GDP predicted by 2014.

ECONOMIC DEVELOPMENT AND REFORMS IN INDIA AND CHINA A Comparative Perspective

Subramanian Swamy Har-Anand Publications 328 pages; ₹795

Business Standard ND10/09/2010

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DIGITAL SIGNATURES

Signing the electronic way

MASOOM GUPTE

nder Karnik was ecstatic when he filed his income tax return (ITR) electronically, as it helped him save time. But he also had to submit a physical copy of the ITR papers. Reason: He used a scanned copy of his signature, instead of a digital one.

Many people, like Karnik, confuse a digital signature with an e-signature. An e-signature is a scanned image of your physical signature. A document with a digital signature will simply state that it has been digitally signed by (name of the person). When you click on this link, you get the details of the signatory. These include name, public key, date of expiry, issuer's name, the serial number of the digital signature and the digital signature.

A digital signature is the only way one can authenticate electronic or online transactions legally - for example, while using e-commerce websites and other transactional portals, internet banking, broking and other online transactions like e-filing of returns. You can even encrypt information in your e-mail using a private key.

How does it work

A digital signature certificate has to be purchased from a government-approved certification agency. At present, there are seven such agencies, including companies like Informatics Centre, 3i Infotech, MTNL and Tata



A digital signature is the only way one can authenticate electronic or online transactions legally

Consultancy Services.

Customers are given two codes for verification --- private and public keys.

A digital signature is produced using a special algorithm and a private key. When digital signature is used, it is verified by a signature verifying the algorithm, the public key and the signature.

Limitations

"At present, use of digital signatures is limited to certain ed by the government," says PS Nagaraju, director, etaxmentor.com.

Though the Indian Information Technology Act allows a digital signature to replace the physical one, there are certain limitations. For instance, a digital signature may be used for signing a property deed in an electronic form. But a physical copy of the deed is mandatory, as it needs to be stamped by the registrar's office. The Indian Evidence Act calls for physical signatures to authenticate such transactions and documents as property deeds.

Cost and validity

However, digital signatures also come with a validity period of one-two years, implying there is a cost attached/ There are extra costs if the same is loaded on a USB drive (mentioned as a token) or mailed through a link.

Typically, for a one-year period, you will have to shell out ₹500-600, but will only be able to use it to sign your e-mails digitally. If it authenticates your identity for sensitive transactions like e-filing of returns or internet banking & broking,

transactions or when mandat- the costs are between ₹2,200 (without token) and ₹3,200 (with token). There is an additional one-time charge for the USB

> However, costs are expected to come down as "a lot of agencies have now started issuing digital certificates with a validity period of one-three months to individuals. This is helpful when you need the signature for a single transaction like e-filing of returns," says P S Nagaraju, director, etaxmentor.com.

Caution

While the USP (unique selling point) of a digital signature is believed to be security, it allows one while conducting even the most confidential transactions. Ironically, this is also one of the biggest deterrent to its use. A digital signature can be mis-used a lot more, as it can be used for several transactions with equal accuracy each time.

Anil Harish, partner, D M Harish and Co, Advocates, explains, "If a physical signature is mis-used, you may seek legal recourse citing forgery. In case of digital signature being mis-used, it is difficult to prove this legally".

A third eye on government functions

In public service delivery, third-party assessments can plug gaps that the government and bureaucracy can't

es in welfare programmes? How do we improve the cauality of service delivery in public institutions? How do we ensure quality in construction of infrastructure assets? These questions are central to public policymaking in India. A possible answer might lie in third-party assessments.

lie in third-party assessments.

Implementation failure has been a frustratingly persistent feature of even the better conceived government programmes. Traditional bureaucratic supervisory mechanisms, responsible for implementing the myriad development schemes, suffer from numerous deficiencies.

Apart from a badly misaligned incentive structure, dysfunctional chain of command and poorly motivated individuals, the existing supervisory architecture is overburdened across many dimensions. Field supervisors invariably have to deal with too many locations, spread over too large an area, and with a gamut of activities—all this without adequate training, logistics or resources.

In the circumstances, third-party assessment contracts with professionally competent and independent agencies have the potential to significantly improve the quality of public service delivery and programme implementation. Since the current supervisory mechanism constitutes the very people whose services are monitored, the theoretical case in favour of external assessment is unexceptionable. Such independent monitoring is all the more necessary, given the unmistakable shift in focus from a merely quantitative to a more qualitative assessment of the government's functions.

One of the biggest breakthroughs in improving the quality of construction works in recent years has come from the introduction of mandatory third-party quality control (TPQC) checks. Typically, government departments call open com-

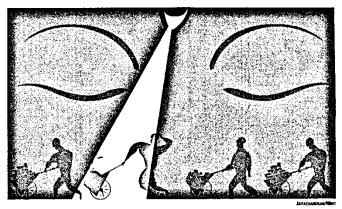
petitive tenders and entrust engineering works—roads and drains, water and sewerage, buildings and so on—for execution through contractors. Regular department officials then supervise the quality of execution.

However, this arrangement poses an inevitable conflict of interest, wherein the supervisory engineers often collude with the contractors to dilute the quality of works. In this context, third-party audits—consisting of random and surprise inspections of works at each stage—by competitively selected external agencies emerged as a preferred strategy to elicit an independent qualitative feedback. In fact, its success has meant that TPQC is now a mandatory requirement in all the major projects implemented by Union and state governments.

Going beyond engineering works, it is natural to seek an independent and periodic feedback about the functioning of public institutions such as schools, hospitals and various government offices, apart from the quality of service delivery in welfare programmes. The feedback can range from the specific—which teacher, doctor or official is taking bribes, or is irregular or ineffectual at work—to the general—sources of leakages or bottlenecks or delays in service delivery, and so on.

In fact, instead of third-party assessments duplicating the existing regular supervisory mechanism, a mandate involving randomly sampled inspections may be adequate. The certainty of follow-up action, punitive or remedial, will be a powerful enough deterrent to ensure its effectiveness.

The critical ingredient for success in this market is credibility of the external agency—third-party assessment agencies are in the business of selling integrity. In a complex socio-political environment in which the avenues for incentive distortions are numerous and mostly unanticipated, managing such a busi-



ness can be a Herculean task.

Most often, a successful engineering TPQC agency, which starts off as a small group of committed people with exceptional integrity, loses way as it expands to take in more work. In a rapidly emerging market where success immediately begets more success, with a resultant proliferation of business opportunities, firms often bite off more than they can chew. In the process, they end up diluting performance standards, and ultimately lose credibility. With time, many of them end up being indistinguishable from the government supervisory mechanism.

Rigorous internal quality controls are, therefore, fundamental to success in this business. Once lost, credibility is very difficult to recover. The general lack of qualified professionals, coupled with the need to attract people with integrity and keep them honest, would require the development of a robust business model.

Clarity in the definition of scope of work and objectives is critical to ensuring that third-party assessments do not become an excuse for further erosion of already weak systems. It should complement, not replace, the role of the regular supervisory framework. Primarity, the outputs of the third-party agency should be a feedback for only the

highest level of administration, preferably only the head of a department.

Critics will surely allege that this provides a back door entry for private agencies into basic governance functions, the hallowed turf of governments. But, far from dismantling the regular government bureaucracy, external assessment would contribute to keeping them honest. Further, it needs to be borne in mind that the success and widespread adoption of TPQC with engineering works have not generated voices calling for scaling back regular engineering quality supervision. Though there are likely to be sev-

Though there are likely to be several formidable systemic problems, it cannot be denied that third-party assessment equips officials with a powerful force multiplier that dramatically increases their span of control and, thereby, supervisory effectiveness.

For all those development venture capitalists in search of an idea to fund, partnership with the government in the creation of a competitive market for independent service quality assessments would contribute, at least partially, to addressing the implementation woes of the Indian bureaucracy.

Comments are welcome at theirview@livemint.com

EXPANDING PRESENCE

US tech firms continue to grow in India

Despite the backlash against outsourcing, US firms continue to shift ops on a large scale to cut costs, meet demand

BY SURABIII AGARWAL & LISON JOSEPH

NEW DECHI/MOMBAL

nperturbed by growing calls against outsourc-ing, US information ing, US information technology (IT) companies continue to shift out operations on a large scale to India to cut costs and meet growing demand.
On Thursday, soon after Ohio

banned outsourcing of govern-ment IT projects, US President Barack Obama reiterated he would end tax breaks for companies that send work abroad.

Indian IT executives say US firms know the US administration is clamping on offshoring as a populist measure in an election year, but they still want India to warn Washington against violating fair trade laws.

Since February, US technology and consulting firm Accen-ture Plc has added 8,000 people to its India operations, raising their number to 50,000.

Another American IT firm, CSC, has one-fifth of its global headcount in India. It plans to

BACK OFFICES THRIVE



 Barack Obarna on Thursday reiterated his stance of ending tax breaks for companies that outsource

- Over the last two years, most of American. companies have either expanded their existing facilities or shifted entire business units to India
- Since February, American technology and consulting firm Accepture has added 8 000 people to its India operations, which employs 50,000 people
- American IT player CSC, which has one-fourth of its global headcount in the country, has plans to add 5,000 employees in the next 6-12 months.
- Comizant which has 75% of its plobal workforce in India, hired 24,600 people in the nine months to June 2010, of which 75% are in India.
- Over the last one month, the anti-outsourcing sentiment has really gained ground, with the US hiking fees for professional visas and the state of Ohio banning outsourcing of government IT

hire 5,000 more over the next 6-12 months.

The company has moved a large portion of its application outsourcing and software de-velopment operations to India, it says in its latest annual re-port. "We plan to continue to expand our presence there and in other lower-cost locations."

At Cognizant Technology Solutions Corp., three-fourths of its 88,700 employees are in India, though 80% of its revenue

comes from North America. In the nine months to end-lune, it hired 24,600 people, of whom 75% are in India

"A substantial majority of the personnel on most on-site teams and virtually all the personnel staffed on offshore teams is comprised of Indian nationals," the company said in its latest annual report, adding that it intends to expand offshore facilities in India.

Other large US IT firms such

as International Business Machines Corp., or IBM, do not re-veal their India headcount, but are estimated to have around 100,000 employees in the coun-

hiked the fees for professional visas that are mostly used by Indian IT firms to send workers to the US, saying it will use the additional money to fund new border security measures. India threatened to drag the US to the World Trade Organization if the move violated international trade laws, Mint reported on 17 August. But that hasn't stopped the rhetoric.

"Instead of tax loopholes that incentivize investment in overseas jobs, I'm proposing a more generous, permanent extension

all the research and innovation they do right here in Amer-ica,* Oham said on Thursday.

uy. Bala Rajara. populist measure in man. US tax Deloitte India, said Ohama

nies doing research in the US. Currently, the tax credit has to

be renewed every few years. "However, several such pronosals have been made in the rith no implementation. Even if it goes by, it is not sure that companies will move back work to the US as there are more economic factors behind such business decisions apart from just tax," he said. Pramod Bhasin, chief execu-

tive of India's largest outsourcing firm Genpact Ltd, said the tirade against outsourcing will continue to rise as the US faces high unemployment rates in an election year. Midterm elections to the US Congress are slated for November.

Kiran Karnik, former presi-dent of the Indian IT lobby group Nasscom, said the antioutsourcing cry is a worry, especially "when such discrimi-natory things (the visa fee hike) are signed into a law."

Karnik added India "should

or one tax credit that goes to companies for IIC C________ put some pres-sure on the US indirectly and cleverly to put US firms know the administration is its point across clamping on tions against fair trade and glo-balization." offshoring as a

CSC says in an election year, say its report that it is exposed to condment at Indian IT executives risks inherent to operating in

India. has proposed making perma-nent the tax credit for compa-US federal government or the European Union may enact legislation which may provide sig-nificant disincentives to cus-tomers to offshore certain of their operations...

Bhasin said India is already raising the issue with the US at

India is likely to take it up again during Obama's first visit to the country, expected in No-

vember. surahht.a@livemint.com

Indian Express, ND 10/09/2010 p-3

NO BUNKING TELLS SPA STUDENTS IT'S ONLY BY ATTENDING CLASS THAT THEY GET REQUISITE KNOWLEDGE FOR WHICH THEY JOINED INSTITUTE

Students must fulfil attendance criterion to sit for exams: Ho

UTKARSH ANAND

NEW DELHI, SEPTEMBER 9

"BRILLIANCE in creativity is no substitute for regular attendance in classes," was the lesson the Delhi High Court handed out to 105 students of the School of Planning & Architecture (SPA) while dismissing their plea against disqualification from the annual exams.

Justice Rajiv Sahai Endlaw backed the SPA's decision to enforce the 75 per cent minimum attendance criterion for students across batches. Throwing out the students' argument that creativity was more important than attending classes, the judge said the traditional form of knowledge dissemination still held great relevance where instructional interference was mandatory.

The petition was filed by 64 students, from all the three years, after the SPA restrained them from appearing in the exams starting from May 17. They approached the court on May 18 and Justice Endlaw, in an interim order, asked the SPA to allow them to sit for the exams, but also told the institute to withhold their results. The SPA, in compliance with the directive, allowed 41 other students, who were also detained for want of attendance, to appear for the exams. The Wednesday verdict, however,

HC directs police to protect couple

NEW DESK! The Delhi High Court on Thursday directed the police to provide protection to a couple who apprehended a threat to their lives from the girl's family as she converted from Islam to Hinduism for marriage. Justice A K Pathak directed the SHO of Narayana police station to provide protection to Kapil Tanwar (22) and Nagma (18), alias Priya, on a petition al protection to Apple tailway (27 and regime (20), areas rive, and a petitorial leging that they had approached local police for protection but nothing has been done so far. Issuing a notice to the police, the court sought a response by October 4. Kapil resides in Delhi while the girl, a polytechnic student, hails from Baghpat near Meerut in Uttar Pradesh. On August 28, she had come to Delhi to get married to Kapil and reportdly informed the Baghpat police about the development. She requested them not to register any case as she is a major and left home on her own wish. Three days after, the girl converted to Hinduism to marry Tanwar in an Arya Samaj temple. Apprehending threat from the girl's parents, the couple sought the court's direction to the local police for protection.

discards all relief to the students, classes to fulfil the attendance who will now have to repeat the criterion in order to sit for the exams next year.

"It is only by attending classes that the students can get the requisite exposure to the knowledge for which they joined the institote. The students passing out from the respondent institute are expected to design buildings and any slackness in the training of any of the said disciplines can have dangerous consequences not only for the buildings but also its occupants," said the court. Justice Endlaw further noted that the requirement of minimum attendance was not a mere formality but a term of eligi-

bility to sit for examination.

"After all, if the students felt that without attending classes they could create and design, they were free to do so. But once they have joined the respondent Institute, they are required to conform to the norms thereof and not fall back on the pleas of the course not requiring them to attend classes," held the court.

The court also pulled up the students' counsel for advancing the argument that SPA's move was unfair on the students because nobody was detained by them in the past. "Even if in the past, no one was ever detained on account of attendance, it is no ground for granting indulgence to the petitioners who are violators of the written rules," said the

Tribune ND 10-Sep-10 p-8

Real-life Munnabhais

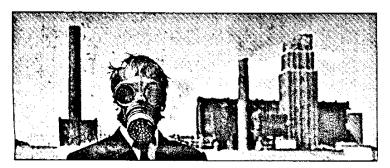
Admission frauds are no joke

HENEVER any well-meaning special facility is provided, there are always people waiting in the wings to misuse it. One such scheme is Direct Admission of Students Abroad (DASA), under which eligible foreign nationals, persons of Indian origin (PIOs) and non-resident Indians (NRIs) are admitted to undergraduate engineering programmes offered by the National Institutes of Technology (formerly Regional Engineering Colleges) and other centrally funded institutions (other than IITs) and Punjab Engineering College, Chandigarh. It seems to have been hijacked by some, 11 of whom got admission to the Chandigarh college alone by using fake documents. According to preliminary reports, a Hisar doctor gave them fake Nepalese identity cards by charging Rs 10 to 15 lakh from each student.

The CBI is seized of the matter and is conducting inquiries. As a result, a reputed centre of learning has come in for negative publicity. Actually, the fault does not exactly lie with the PEC because the Union Ministry of Human Resources has entrusted the central coordination of admissions under the DASA scheme to the National Institute of Technology, Surathkal. The students who thus tried to make way into a professional college fraudulently—like the lead character of the film Munnabhai MBBS—have not only ruined their own careers but have also brought a bad name to the institution.

Due to the acute shortage of good colleges, there is always a mad scramble for admissions. And there are enough unscrupulous persons to take the admission seekers for a ride. It is good that the conspiracy was detected fairly early. This will put the fear of the law in the minds of the wrong-doers. But there are far too many of them eager to employ underhand means. A consistent drive against them will be necessary to keep them out of business. An unqualified person getting admission into a medical or engineering college fraudulently may be good for a few laughs in a film but such an incident taking place in real life is simply not acceptable because it brings the entire education system into disrepute.

Indian Express ND 10/09/2010 p-13



Science and Technology

Must try harder

CLIMATE-CHANGE ASSESSMENT

A call to reform the IPCC

FTHIS week's report into the workings of the Intergovernmental Panel on Climate Change (IPCC)
by a council of national academies of science were
the sort of report children take home from school, its
main themes would be expressed as "could do better"
and "needs to show workings". Stern parents might
read it as calling for a Gradgrind-like clampdown;
more indulgent ones as an inducement for the little
darlings to try a little harder.

At a meeting in Busan, South Korea, this October, the parents in question — the representatives of the IPCC's member governments — will decide which sort they want to be. Read in detail, the report suggests that if they want credible climate assessments, a firm hand will be required.

The report, produced by a committee chaired by

Harold Shapiro, once the president of Princeton, under the auspices of the InterAcademy Council, was requested in March by the UN's secretary-general, Ban Ki-moon, and the chairman of the IPCC, Rajendra Pachauri, after a mistake about Himalayan glaciers triggered a spate of criticism earlier this year. It praises the IPCC for its achievements of far—the best known of which is a series of mammoth assessments of cli-

mate science that provide the panel's member governments with a shared basis for their negotiations on climate change. At the same time it calls for changes to the panel's organisation, its procedures for choosing authors, its ways of dealing with review comments and its sometimes-misplaced statements of confidence in its own findines.

in its own findings.

Since the IPCC was created in 1988, the report says, charitable, educational and other organisations have been through a "governance revolution" in accountability and transparency. The IPCC has, for the most part, sat this revolution out. In many areas it lacks procedures for defining what is needed. Without these there is no agreed standard against which to judge its performance. In a contentious area where the good faith of scientists is frequently challenged, this lack of transparency and explicit procedure breeds distrust.

The report says that the IPCC needs clear statements on who decides, and by what criteria, what should be in its reports; on what it is looking for in its authors and on how they measure up; on what constitutes a conflict of interest for a panel member; and on what sort of primary material should be deemed worthy of inclusion (peer-reviewed science, yes; other stuff only if ex-

plicitly approved by the authors with appropriate arguments for so doing). Review editors need to marshal the thousands of comments they receive on drafts into clear critical arguments, and the authors need to respond to those arguments fully. Statements that go beyond the evidence or move into the realm of advocacy need to be avoided.

The argument that all this demands only gradual reform rests on the idea that the IPCC is already meant to be doing these things, and that the report just provides a helpful codification of best practice. The argument for something more fundamental is that, in a practice that is a long way from best, many of these things are not being done, despite the fact that it has long been clear that they should be.

Reviews can be sloppy and incomplete. In the IPCC's most recent report no glacier experts saw the incorrect paragraphs in the regional chapter on Asia, though a lot of them were involved in a chapter on "snow, ice and frozen ground" in a separate volume. Reviewers' comments were sometimes dealt with only superficially, if not ignored altogether. As the "climate-gate" e-mails from the Climatic Research Unit at the University of East Anglia showed, authors sought to minimise the influence of views they disagreed with while failing to document their arguments as to why that was the right thing to do. And the criteria by which those authors are chosen in the first place are opaque.

The Shapiro committee says that as well as having clearer rules and more transparent procedures, the IPCC needs ways of being more responsive. It suggests an executive committee with the power to reshape the

panel's plans and respond to criticism. This committee should include people not involved in the IPCC's daily work and at least one person from outside climate science altogether. In order to keep things fresh and avoid institutionalisation, committee members, including the chairman, should serve for only one of the six-year stints it takes to produce the mammoth assessment reports.

Dr Pachauri, who started chairing the fourth IPCC report in 2002, is well into his second six-year stint. The logic of the Shapiro committee suggests that it would be better for him to stand down now, rather than in 2014. This is not something the committee calls for explicitly. But when the IPCC's member governments meet in Busan the question of whether Dr Pachauri is the man to implement the committee's recommendations will doubtless play a large part in their thinking, even if it is not discussed much in the open. (Or what passes for the open, for the IPCC's plenaries are normally closed to press and public.)
Ironically, that exclusion underlines the fact that re-

Ironically, that exclusion underlines the fact that replacing Dr Pachauri is not the main point. The real point is actually achieving the sort of transparency and accountability that the "governance revolution" requires. Whoever leads the IPCC, the governments — and, indeed, Mr Ban — should make sure that there is a well-thought-out structure, and perhaps some expert special advisers, put in place in order to see to it that change happens. They might do well to ask Dr Shapiro for more detailed views on how that should be done, and to report back on the results.



Indian Express ND 10/09/2010 p-15

The weirdness of warming

Linking extreme climate across to global warming may be hard — but tracing it to human activity is easier

ANDREW C. REVKIN



NEW YORK City just had its hottest June-to-August stretch on record. Moscow, suffering from a once-in-amillennium heat wave, tallied thousands of deaths, a toll that included hundreds of inebriated, overheated citi-

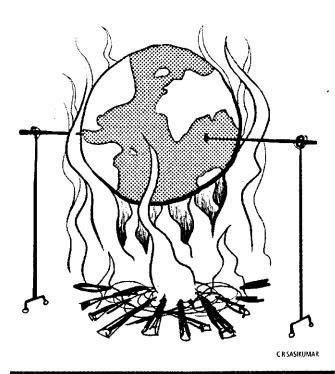
zens who stumbled into rivers and lakes and didn't come out. Pakistan is reeling from flooding that inundated close to a fifth of the country.

For decades, scientists have predicted that disastrous weather, including heat, drought and deluges, would occur with increasing frequency in a world heated by the rising concentrations of greenhouse gases. While some may be tempted to label this summer's extremes the manifestation of our climate meddling, there's just not a clear-cut link—yet.

Martin Hoerling, a research meteorologist who investigates extreme weather for the National Oceanic and Atmospheric Administration, calls any such impression "subjective validation." He and other climate scientists insist there's still no way to point to any particular meteorological calamity and firmly finger human-caused global warming, despite high confidence that such warming is already well under way.

One reason is that extreme weather, while by definition rare, is almost never truly unprecedented. Oklahoma City and Nashville in the United States had astonishing downpours this year, but a large area of Vermont was devastated by a 36-hour deluge in November 1927. The lateseason tropical storm killed more than 80 people, including the state's lieutenant governor, drowned thousands of dairy cows and destroyed 1,200 bridges.

A 2002 study of lake sediments in and around Vermont found that the 1927 flood was mild compared with some in the pre-Columbian past. In fact, since the



Our exposure to extreme events will only worsen. So whatever nations decide to do about emissions, there is an urgent need to 'climate proof' human endeavours.

end of the last ice age, there were four periods — each about 1,000 years long and peaking roughly every 3,000 years — that saw a substantial number of much more intense, scouring floods. (The researchers found hints in the mud that a fifth such period is beginning.)

Many scientists believe that sub-Saha-

ran Africa will be particularly vulnerable in the coming decades to climate-related dangers like heat waves and flash-flooding. But global warming is the murkiest of the factors increasing the risks there. Persistent poverty, a lack of governance and high rates of population growth have left African countries with scant capacity to

manage too much or too little water.

As in Vermont, the climate history of Africa's tropical belt also makes it incredibly difficult to attribute shifts in extreme weather to any one cause. A recent study of layered sediment in a Ghanaian lake revealed that the region has been periodically beset by centuries-long superdroughts, more potent and prolonged than any in modern times. The most recent lasted from 1400 to 1750.

Though today's extremes can't be reliably attributed to the greenhouse effect, they do give us the feel, sweat and all, of what's to come if emissions are not reined in. Martin Hoerling told me that by the end of the century, this summer's heat may be the status quo in parts of Russia, not a devastating fluke. Similar projections exist for Washington, the American Southwest, much of India and many other spots.

With the global population cresting in the coming decades, our exposure to extreme events will only worsen. So whatever nations decide to do about greenhouse gas emissions, there is an urgent need to "climate proof" human endeavours. That means building roads in Pakistan and reservoirs in Malawi that can withstand flooding. And it means no longer encouraging construction in flood plains, as we have been doing in areas around St. Louis that were submerged in the great 1993 Mississippi deluge.

In the end, there are two climate threats: one created by increasing human vulnerability to calamitous weather, the other by human actions, particularly emissions of warming gases, that relentlessly shift the odds toward making today's weather extremes tomorrow's norm. Without addressing both dangers, there'll be lots of regrets. But conflating them is likely to add to confusion, not produce solutions.

China in, India out of global best campus ranking list

ANUBHUTI VISHNOI

NEW DELHI, SEPTEMBER 9

FOUR Chinese universities figure in the list of the world's best 50 educational institutions, even as India's sole representative in the top 200 — IIT Bombay—has slipped 24 places from its 2009 position.

The University of Cambridge has replaced Harvard as the world's best university in the prestigious QS World University Rankings, 2010, published in London yesterday. Six of the top 10 universities in the world are American, the other four are in the UK. The US and UK share positions 1 through 17 among themselves.

The QS rankings, earlier published in collaboration with *Times Higher Education*, are an annual ranking of the top 500 universities in the world, based on an academic reputation index, employer reputation index, institution inclusion, and research among other criteria.

Among Asian countries, Japan has 10 universities in the top 200; China and Korea have six and five respectively. India has one — IIT Bombay at No. 187, down from No. 163 in 2009.

IIT Guwahati has crashed 100 places from No. 401 to No. 501, University of Delhi is down 80 places from 291 to 371, IIT Delhi is down 21 from 181 to 202, and IIT Kanpur is down 12 from 237 to 249. The Universities of Mumbai and Pune are in the 450-500 bracket, compara-

WORLD'S TOP



1 (2)	Cambridge, Ul		
2(1)	Harvard, US		

2 (1) Harvard, U 3 (3) Yale, US

4 (4) UCL, UK

5 (9) MIT, US

6 (5) Oxford, UK

7 (5) Imperial College, UK

B (7) University of Chicago, US

9 (10) California Inst. of Tech., US10 (8) Princeton, US

AND INDIA'S BEST

WUD INDIK 2 DE21				
IIT Bombay				
IIT Delhi				
IIT Madras				
IIT Roorkee				
IIT Kharagpur				
IIT Kanpur				
Delhi University				
Mumbai University				
Dona Habranika				
Pune University				
IIT Guwahati				

ble to Tehran.

2009 ranks in parenthesis

In contrast, three of the four Chinese universities in the top 50 have improved their positions since last year. At No. 23, the University of Hong Kong is up one place, and on top of the Asian pile. The Chinese University of Hong Kong is up to 42 from 46, and Peking University is up to 47 from 52.

CONTINUED ON PAGE 2

China in, India out of 2 best campus rankings

Hong Kong University of Science and Technology is at No. 40, down from No. 35 last year

Beijing's Tsinghua University is the fifth Chinese institution in the top 100, coming in at No. 54.

Martin Ince, convener of the Academic Advisory Board for the QS World University Rankings, said that the poor performance by the IITs apart, "the real story is the very modest showing of all other Indian higher education in our rankings".

"Delhi University scores well in our assessment of academic and employer opinion but very poorly on our other measures — faculty/student ratio, citations, international staff, international students," Ince wrote in an email to *The Indian Express*.

"This is a very modest performance for the flagship university of a very significant nation... Note too that many universities around the world are investing heavily and want to be prominent in this and other rankings. So universities need to improve just to stand still."

IIT Guwahati director, Prof Gautam Barua, expressed surprise and disappointment over the steep fall in the institute's rank and said he would examine the issue. IIT Kanpur director Sanjay G Dhande, however, said that wide disparities in the budgetary structures of Indian and Western institu-

tions — even though faculty and student profiles may be comparable — make it unfair to measure them by the same yardstick.

Indian government policymakers argue that international ranking criteria are based largely on western models and do not take into account several other indicators. The University Grants Commission is in fact, in the process of developing its own ranking system based on "Indian indicators of performance".

Ince, however, argued that "the much more prominent position of Chinese universities than Indian ones proves that we are not simply being nice to western institutions". He added, "In fact, India's tradition of the English language ought to give it a big advantage over China in world higher education, but we do not see this effect at work."

HRD Minister Kapil Sibal, though, struck an optimistic note.

"In the next ten years several of our institutes will be among the top 100 in international rankings. Without commenting on the merits and demerits of these rankings, with the reform in education systems, we should see more Indian institutes figuring on them. It should also be thought what should be adopted as a global criteria... not necessary it has to be western-style", Sibal told *The Indian Express*.

Govt to rent out computers in rural areas @₹15 a day

Harsimran Julka NEW DELHI

AFTER the slow pick-up of the \$220 One Laptop Per Child Project, and an uncertainty over the \$35 laptop called Sakshat, the government is now experimenting with another model—to dole out computers on rent to spread IT literacy in the country.

Under a pilot program to be launched by the ministry of IT & communications, computers specially built for rural areas will be deployed in five locations, and then rented out to citizens. "The cost may vary from ₹15-20 per day. This model may remove the hindrance of affordability in buying computers. We are talking to various companies like Intel, HCL Infosystems and One Laptop Per Child Project," a senior official at ministry of IT & communications told ET.

The pilot program would cost the government about ₹45 lakh. "It will also remove the problem of maintenance and repair which is a common problem in many areas. Besides the person can rent it only for the time power is available," he added,

In another IT experiment, the government last year had claimed to have launched a \$10 computer which actually turned out to be a \$10 storage device. This year the min-



CHARTING A NEW PATH

istry of human resource & development launched a \$35 laptop called Sakshat. The MHRD plans to bring the cost of this laptop down to \$20 and then to \$10 ultimately.

But many experts cast a sceptical eye to the Sakshat project. "Any body in the industry having some knowledge of making laptops knows that its impossible to manufacture a laptop for \$10," says Satish Jha, OLPC India president, whose laptop costs about \$220 to manufacture. Add about ₹2,300 as duties and ₹1,700 as shipment cost, and the price shoots up to nearly the price of a netbook available in the market. But he defends his OLPC laptop saying that none of the netbooks would ever have a shockproof body, solar charging capabilities, and a host of 230 applications. He claims to have deployed about 2,000 OLPC laptops in various parts of India.

He welcomes the government's new move to rent computers, but admits there is a huge power and maintenance problem which prevents PC buying in rural areas. "It costs about ₹16,000 for power over five years, to run a desktop PC. For adult education, renting computers for a few hours may be a good idea," he said.

HCL in 2006 had launched a Community PC with an innovative power management system called RP2 that switches the computer to a power battery. The battery can be charged by using bicycle peddle power. But that computer too failed to see heightened demand in rural India. Clearly, the government needs to create a utility-based demand before it can work out these models for rural areas.

Economic Times ND10/09/2010

US IT cos get lion's share of e-governance pie

Harsimran Julka & Debjoy Sengupta
NEW DFLHI, BANGALORE

NIMANT service providers are only just readying to up the US government arrest but US IT and consultancy firms have already beredited from India's booming e-governance spends.
For instance, IBM, which has landed marquee contracts such as Bharti Airel's total outsourcing IT deal, is also a significant player in government projects. It is one of

tal outsourcing IT deal. Is also a significant player in government projects. It is one of the vendors in the ₹2.000-crore Tax Net project being implemented by the Central Board of Direct Taxes while its US rival Accorditure has landed one of the contracts in the prestigious Unique ID (IDI) project. BM, along with Hewiett Packard, is also competing with home grown Indian service providers such as Tata Consultancy Services, Wipro. Infosys Fechnologies for another ₹2,000-crore contract, which is part of the UID project.

Similarly, Microsoft is involved with the Similarly Microsoft is involved with the Citizen Service Centre project while Intel's involved with the WMMax program. Even smaller projects like LIC'S 750-crone CRM project has been awarded to IBM. But an in-teresting fact is that most strategic planning work for e-governance in India is also done by US consulting firms, though HCL, WSpro,

Infosys and TCS all have consulting arms.
US IT cos get almost 80% of the consulting assignments. Any e-governance contract we execute the first two questions asked are that how will you secure the data asked are that how will you secure the data and how will you ensure that strategic control rests with the government. But almost all consulting work is awarded to US firms which creates a security issue and which is almost always structured in a manner to benefit them profitably in the long run," said an e-governance business head of a tier HT company.

While Ernst & Young is a consultant in the Unique ID program, PwC consults the central government on the nation's e-governance programs. Accentive has devised the strategy of India's Department of Posts program. "We even invite US companies to participate and look forward to them," said a top e-governance official at the ministry of IT & communication.

IBM, is one of the vendors in the \$2,000 crore Income Tax Network project being implemented by the Central Boord of Direct Taxes, while its US rival Accenture has landed one of the \$200-crore biometric solutions contracts in the prestigious Unique ID (IUD) project.

"Over 50% of the budget in e-governance projects goes towards US IT and how will you ensure that strategic

governance projects goes towards US IT



INDIA CALLING

companies, even if we (Indian IT company) win an e-governance cuntract," says an offi companies like HP, Intel, AMD, Microsoft, EMC, Cisco, Red Hat are US-based," he

EMC, Cisco, Red Hat are US-based. 'he explains.

The US government IT market is on the other hand a \$77-billion untapped potential. Still none of the Indian IT compa-nies feel that US firms should be disallowed from participating. 'Nobody likes a dosed market. Market have to open. Only then we can do business. We must not do anything like this therause the acceptance. anything like this because the government of India is entitled to best service. Only by keeping our markets open can we force oth-

crimarkets to be open, "said TV Mohandas Pai Director IIR at Infosys Technologies.

A top - governance official at the ministry of IT & communication who overlooks the S6 billion NeGP IT spending says that the Ohio ban is a discriminatory decision. "We even invite US companies to participate and look forward to them. On the other hand they have taken a drastic measure." Regarding a possible ban of US IT companies from participating in critical egovernance tenders, he says ministry of commerce is the right to decide it, if they want to take it as a reciprocatory measure. "ministry of IT cannot take a pokey decision on it." he said.

Analysts also claim that the Ohio-ban is a loss of potential business opportunity for Indos of possible proportion."

Analysis also claim that the Ohio-ban is a loss of potential business opportunity for Indian IT providers in the long term a state governments in US take a protectionist stance. "Smaller IT offshoring companies would find it more challenging as they will now have to work on shore which might become a survival issue," said Arup Roy, rewarth analyst at Ganger. research analyst at Gariner.

Commenting on the ban, Nassrom also felt that US states should reciprocate. "The issue here is that when India doesn't discriminate between American and Indian firms when doling out billion dollar e-governance contracts, US should also reciprocate. This is about services, but state governments in India do not discriminate too, when procuring products like IT hardware between Indian or American firms, 'a Nasscom spokeswoman had told ET earlier.

The volume of outsourcing business done by 15-based composition to their desired.

The volume of outsourcing business done by US-based companies in India is far less than the total business being done by Indian companies in the US. A counter ban could in fact have negative effects on the Indian II companies on the US. Tays Kumar Parakala, head IT advisory at KPMG. But international trade experts say that India cannot technically reciprocate under WTO rules. because the Ohio ban is against all foreign offshore providers and not against a single nation.

all foreign offshore providers and not against a single nation. MindTree which is interestingly headquartered in New Icrsey also feels that India should not react. To be honest, the cost of this has to be desided on business sense. This is political gimmickey. At the end of the day, Ilyou look at the last job creation data in the US, the government jobs have gone down and they should be addressing that. The US reacting to this situation does not make sense," said Krishnakumar
Natarajan, CEO and MD, MindTree.
WITH INPUTS FROM SRIVIDYA IYER

VOICE TO EMPLOYEE: A WIN-WIN APPROACH

Hewitt Associates' Total Rewards Optimisation tool guides companies on employee benefits by measuring preferences through trade-offs. The results have made both companies and staff happy

Pay & perk's the new deal

AN a company calculate exactly how much it needs to spend on benefits to keep employees happy and still not dent is coffers? Can it figure out how to leverage the rewards it offers to not only attract the best talent in the market, but also iin it and up its productivity? Tim Glowa and Ray Baumruk, global solution leads at Hewitt Associates, recently introduced Indian companies to an exercise they called Total Rewards Optimis tion (TRO), to do all of the above, and more, Already launched in the US, Canada, Europe, and in Singapore and Hong Kong in Southeast Asia, the TRO tool will soon hit China, they tell mita Ghosh. Excerpts from an interview

What exactly is the Total Rewards Opti-misation (TRO) tool?

The TRO tool is a short, fun and engaging survey to measure employee preferences through a simple process of trade-offs. Using a technique called conjoint, that has been in the market for almost 25 years, we check on em-ployees' preferences for various rewards and benefits. If you ask them directly what they want, they'll say everything, which is not ac-tionable. But things are easier to infer if it's in the form of trade-offs. It's the same sort of trade-offs we make every day: Where to go for lunch, what road to take to work, what computer or clothes to buy, etc. We're uncon-sciously making these decisions all the time, and that's the trade-off we wanted to mimic through the TRO exercise. It is really about bringing a voice to the employee. Often, this is the voice that's left out when companies plan their rewards parkage. We don't know if the employee is interested in the rewards offered (or what s/he would like instead). Once we know their preferences for different rewards, we deliver these to the client through analytits that help them understand the implica-tions of the survey. We look at optimising the spend on rewards, segmenting results for dif-ferent types of employees and help provide insights to help companies make better decisions about the benefits they offer.

How can the TRO tool be adapted to dif-lerent countries and markets? The questions and the analytical techniques

vary based on the questions asked. So in the US, you can ask employees about the 401K (a US-specific retirement plan), but that doesn't exist in India. So, here we can talk about medical cost-sharing or about various kinds of two-by-two trade-offs. Like more vacation or less pay, or more pay and less vacation. Or more medical coverage and less variable pay. We provide several trade-off scenarios in the TRO survey, and employees decide what and how much they want. The difference between a

PACKAGE FOR EMPLOYEES: TIPS FOR COMPANIES

- Let employees work out their own rewards package. Talk to them, listen to them, take their opinion on the current rewards package being offered, rather than try to guess their choices
 - A good rewards package is not only a hook to lure the best talent in the market, but also a good tool to retain that talent and, with regular tweaks to the benefits package. make sure it is continually productive
- Think out-of-the-box then thinking rewards. Yo will be able to scoop the best talent if you offer something your competitors are not. While cash is always important, 'next generation features, like flexi-hours are also becoming important

survey of this kind and a more traditional sur-

vev of satisfaction is that the TRO tool puts

es in real life. But we don't want to mismanage

employee expectations or test for things the company couldn't offer. Employees may want

a three-month boliday, but there's no chance a company would give it to them. We want the survey to be relevant, so we design it to

include the things clients would practical

Is retention at the heart of this

Retention is a key outcome that compa

nies look for, from optimising total re-wards. But the other important things are at-

traction — to have a package of rewards that people in a growth market like India will be

attracted to, and that competing companies

may not offer --- and productivity, that can be

pushed up by optimising the rewards pack-

age. When there's more productivity, there's more money to spend on rewards. A related outcome could be to spend more efficiently

outcome could be to spend more emacunity on rewards. We find that 10-15% of the spend on rewards is wasted by giving employee benefits they don't value. We can fix this by shifting the money around and reducing spend on benefits they don't appreciate,

ly execute against.

exercise?

lates how employees might make choic-

things in order of most or least important

word or a fire

Spend efficiently on rewards - not necessarily more — by giving employees exactly what they value. In a dynamic economy like India, rewards

tend to get undervalued very quickly. Companies need to keep up, and revisit the rewards they offered earlier as much

But also - don't benchmark your pensation to the market need to be consistent with the rewards offered, and not keep tweaking and hanging them too often. Preferences of employees is more stable than some companies might imagine

and increasing it on benefits that they do.

So, for many companies, it may not be about saving the costs spent on rewards, but spending their rewards currency more effectively. We've been able to use the TRO tool to identify alternative programmes that 70, 80 or even 90% of employees prefer over what they currently have, and also save 10-15% of the company's rewards money. It's a win-win for both employees and the company.

You have found, through using the IRO tool, that US companies need to spend upwards of \$15,000 per employee, and need to increase that by 3-5% per annum. How do you assign such a figure to something (employee preferences) that is largely abstract?

The trade-off that the TRO tool uses is be-

ween the kind of rewards and service ple can get and what they're looking for. By understanding this, we can bring in another element—the cost of delivering those services. Once we have those two pieces of data, we put them together to see how we can optimise on the rewards spend. That's where the \$15,000 comes in; It's an average cost of benefits per employee in the US. Some will spend more, some will spend less. But rewards are

*** highly leverageable. Cash is always impor tant, but may not be the most efficient way for

prefer a bunch of smaller

rewards, than

one big benefit.

need to mix

and match

Bring more marketing focus

to the rewards package.

Think of employees as

consumers of the benefits

could do to please them

and rewards and what you

a company to spend its rewards currency.

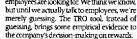
An example, in the US, is childcare subsidies. Suppose an employe e arms \$50,000 a year and gets a hike of about \$5,000. But he's recently had a child, and spends the entire additional money on childcare. In effect, the raise is now gone. But suppose the company gave him a raise of \$2,500 instead of \$5,000. and also offered him subsidies to use some sort of high-quality childcare service. The company would still be paying \$2,500, but the employee perceives this as something better that he got for half the amount. Similarly, some employees may value housing benefits; others value tuition and training. The TRO tool lets companies allocate benefits among employees according to who likes what, and everybody is happy.

What should companies in India be look-

what should companies in industries the first off?

While you have to look at a core range of items that you're currently spending money on aslary changes, allowances, medicals—Indian companies should think outside the box. If the company is offering the same rewards as everyone else, why would an employee join it? We encourage clients to look at the next generation of features, like flexi-hours. The

critical thing is understanding exactly what employees are looking for. We think we know,



Can we have some TRO success stories? We worked with a large retailer in the US, which has almost 200,000 employees. They were looking to see how they can more efficiently design employee benefits. We did the study and found alternatives that 75% of employees preferred over what they were get-ting, and were able to save the company \$200 million. It was a huge saving for the company and three out of four employees thought it was better than what they had been receiving.

There was a similar outcome with a global therical company. In that instance, the TRO tool saved the company a relatively small amount. \$5 million, but foregrounded a problem they were struggling with: key talent leaving the company. They had been unable to figure out wby, even from exit interviews, till we worked this problem into the TRO survey. We found that if the company took some money out of profit-sharing schemes and put them into matching contributions, employees preferred that. It was a simple change that would not have come to light but for the TRO.







Ray Baumruk

Retention is a key outcome that

optimising total rewards. But the

companies look for, from

other important things are

that can be pushed up by

attraction — to have a package of rewards that people in a growth market like India will be attracted to, and that competing companies may not offer - and productivity, optimising the rewards package.

OUT OF THE BOX: ENTREPRENEURS TRACK BUSINESS IN EDUCATION

Non-formal education is emerging as fertile business ground, as more Indians seek facilities to develop learning and vocational skills in their wards, beyond what is being offered by the country's academia-oriented schooling system.

Non-formal lessons of opportunit

TALL began with a warch for a great place where his three-year-old son could place at 437. Der Roy had just completed a stint as head of Baradays Capatian in Europe and had moved his family to Bangalore, where he hoped to begin a threat capation and the capation which were not begin a threat capation. When he because the same and the same an

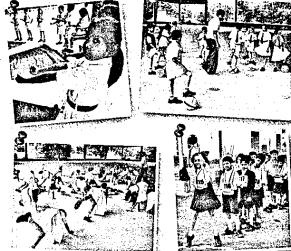
reneur. When he found there wasn't any interwhen he tound there was no any inter-sting play-and-learn facility in the city for very young children, Mr Roy decided to start his own venture. LeapStart, a sports and fitness program for children, combinings family need with a career arbitron.

ambition.

Across the city, another family that re-located from the US was finding it diffi-cult to find an invigorating learning pro-gramme for their children. To fill the gap.

cult to find an invigorating learning programme for their cludders. To fill the pap.
Shivam. Venkatsushramaniam. and
Shachi Grover started a new renure.
Academy for Math. Sciences. Arts and
Felinology (Armas), white offers programmers such as the Stanford University.
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beyond what is being offered by the country's scademis-oriented schooling system.
non-formal education is emerging as fertile
ground where entrepreneurs such as Mr. Roy can seed a host of new ventures.
The sector, which includes pre-schools,
coaching and vocational skill development, is estimated to have a value of \$10 billion—that is over a tenth of the overall \$55 - billion
indian education industry. The non-formal
segment will grow to a \$20 billion—market in a
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LeapStart: Focuses on children's skills in spor such as cricket, football, tennis and athletics. Edusports: Helps kids improve their sporting HeyMath! Maths Litering company in collaboration with University collaboration with University of Cambridge, help dispel the fear of math, improve student motivation. Yardstick.co.lm: Teaches scientific concepts through experiential learning by making models with local material. CEON Solutions: Uses artificial intelligence and enterprise resource planning software t bring school management; parents and teachers together for a child's overall development on a single platform. Smartlinx: Offers online educational and voice over internet telephony (VoIP) services. Vmukti Services: Enables on-demand live webcasting with low-end bandwidth internet



main fit, learn teamwork and acquire leader-ship skills," says Mr Majmudar, who runs Sportz Village, which is a group company of EduSports

uspons With around 70 schools having outsourced

Edusports
With around 70 schools having outsourced their sports activities to Edusports, Mr Majumdar Expects to Gock 1100 cores by 2015, reaching over 1000 schools and a million children. Edusports Centra ere not drawn from elite schools in mercus, but from the Fland I'm cities such as Amricar, Edusport, Edusport Central Cen

going children. The Brm, which incorporates interactive lessons perpeted with animation, graphics, real-life problems and quizzes. has today reached students in over 50 countries. Hey Math is brooming the mathematic back-office and tuttion provider across the world, with a growing user hase that includes the Mascarhusetts and New York City Department of Education, the Dellin NCT government, and the KwaZulih-Natal Department of Education in South Africa.

ment of Education, the Defin In Cl. govern-ment, and the KwaZulii-Natal Department of Education in South Africa.

'In Singapore, 60% of lop-performing kids, have been using Hey Math. We expect to be a 7200-core company by 2013-2014, 'said Harbit Rajam, oo-lounder of Hey Math. Technology to make learning mone fun is also an area that enverpeneurs are ungeding. Yardsidick coin in use floodily available material, including clay to facilion three dimensional models of scientific concepts for children. 'For example, if we have to explain Newton's law of motion to chaldren, we use common things such as its-cream sticks, balloons, magners, rubber bands. We will rell children to design a car and make them understand

dent. School Learning Soletions, NIT. Over the device counter of Yardsucke co.in

The Hyderabad-based company was started in 2008. It has about 40 employees, with a revenue of 780-90 lakh. The firm expects a ropine of 121.5 crove by the academic year 2010-2011. It will reach about 12,000 children by December this year.

This experiential learning segment is one hast even large dutation companies such as NIT too are targeting. To explore sident from the company has introduced the Mobile Science Los for schools in India in association with US-based Fourier Systems.

As part of this partnership, NIT will make the characteristic of the production of explore science through companies. The real scaled in a strength and in association with US-based Fourier Systems.

As part of this partnership, NIT will make the characteristic of the production of explore science through companies and desired education, exactional activity with the substitution of explore science through companies. The real scale distinction of explore science through companies and learning obtaining and learning of science and the production of the p

frastructure. This includer connecting schools through information and communications technology.

For instance, CEON Solutions, the brain-child of three students from the Indian Institute of Information Technology and Management, Gwalior, uses artificial Intelligence and enterptier resource planning software to bring the school management, parents and teachers together on a single platform, for a child is overall development.

Focusing on every single student's multi-dimensional growth has become impossible for the teacher. Our solutions helps to analyze each and every student, discover their hidden talents, uncover his or her weatheresses and take remedial action." says Abhay Panjiyar. CEO and MD of CEON: It has 50 clients and expects to have 500 school tas its customers in the next 2-3 years.

Similarly, Hyderabad-based Smarthing which offers online educational and voice-over-internet elephony (VoIP) services, 16 occursing on Klandergareth to 12 fing add (8:1-2) causing on Klandergareth to 12 fing add (8:1-2) elected to the complete of the control of of th

seadors and error about 200 000 students it was a revenue stage of \$100 million by 2015.

According to one report, broadband per-citation can empower 26 million to scheme states and seven million teachers. This gives tremendous scope for e-learning and virtual learning to grow in India. "says Job Thomas, director and CO of Smartline. It is this demand from remote locations that prompted who brothers Hardisk Sanghvi and Kuthal Sanghvi and Jaurch Ymukh Service, which enables on-demand live web-casting with low-end bandwidth internet connection.

casting with low-end bandwidth internet connection.

In Just six months of its operations this year about 10,000 students — most of them from ther II and ther III diets — are taking caching classes through Ymutic Incubated at IBM-A, the firm plans to collaborate with opter cafes to lapmarkets such as Africa. The promoters expect to reach 1230-crore curricoverly 2013.

We are working with India institutes to train students in markets such as Sambla and Kenya. The faculty in India will teach the stu-dents located in these Africa regions does located in these Africa regions

Kenya. The faculty in India will teach the students located in these African regions through Vmukti." said Kushal Sanghvi of Vmukti.

The untrapped rural opportunities has also interely oung emprepeneurs all TransGenez, an educational BPO, to provide educational services to need and III Interes. TransGenez, which started with a seed fund of \$150,000.3 mins to achieve a revenue of \$8 million by June 2010-2011.

Experts say commanies will have no neread.

June 2010-2011.

Experts say companies will have to spread their offerings, and not focus only on niche areas, in order to build scalable business in this sector. It is difficult for entrepreneurs to attract venture capital funding if they are focusing only on sharp niche areas, that are not scalable models, "said Aggarwal of Helion Ad-visors.

PEERZADA ABRAR

Confident speech spells business

IIM Alumni Finds Big Opportunity In Developing Soft Skills Of Students, Employees

¬ ARLY this week, at the Info Institute of Engineering in Coimbatore, the faculty and the parents were surprised to find students stride up to the podium and deliver eloquent leave-taking speeches in perfect English. The college had gathered to commemorate its first batch of graduating students.

The surprise was more palpable, as this group of students — most of whom hail from the southern towns and districts of Tamil Nadu — had dismal English-speaking capabilities when they enrolled at the institute in 2007. "They were spending so much of money to get an engineering degree, but I felt none of them will be employable at the end of the four-year course, as they lacked communication skills," says Chitra Manohar, secretary, Info Institute of Engineering.

It is a problem unique to India where professional colleges focus almost exclusively on technical knowledge, providing fewer opportunities for students to gain industry exposure and develop soft skills. As a result, just about 39.5% of graduates in India are rated as employable, with the rest needing various levels of training before they are ready to become productive members of the workforce.

This is a gap that Ms Manohar and her team were keen to plug right within the college, for which they roped in an IIM-Kozhikode alumnus B Rajesh Kumar to head a soft-skills training course for their students. While the college now offers Mr Kumar most of the credit for the improved communication skills of its students, for the trainer this was the perfect launchpad for his start-up venture, one that offers skill-development programmes for students and corporates.

Mr Kumar, who joined global banking major Citi Bank after his MBA programme, had always nursed ambitions of becoming an entrepreneur. When he was ranked fourth at all-India level for



Venkata Raghulan (L) and Rajesh Kumar

the first quarter in 2008 in the Champions League, an in-house competition for employees at Citi Bank, he reckoned that by the age of 40, he could at best aspire to be the Country Head. He found that it was not a very enthusing prospect.

Deciding to pursue his start-up dreams, Mr Kumar teamed up with an

IIM batchmate, Venkata Raghulan, to capitalise on their skills in the area of communication, leadership and mentoring, to set up their own company in Decem-

ber 2008. Today, the IIM-K graduates' business enterprise Focus 4-D Career Education has clocked up a turnover of ₹2 crore. They hope to double its revenue in the current financial year.

The company has two business verticals under it. Through Focus Academy for Career Enhancement (FACE), they skills-development conduct grammes for college students by signing MoUs with the colleges.

They offer year-long as well as shortterm training programmes for management-based competitive exams. and also recruits students under train-

and-hire model for corporates. It also provides e-learning solutions, blended solutions learning and web presence solutions to corporates and institutions un-

der EdLog Solutions.

Being IIM alumni, the duo were able to package their training with unique insights about management exams. 'We offered training at premium rates, but our products were the best. In our first batch, 17 out of 22 students who

lead, Mr Kumar negotiated a merger with a company with a similar profile, ebrahma, which was a franchise operator for PT Education. It helped that e-brahma's founder TP Senthil Kumar too was an IIM-alumnus. "Instead of competing with each oth-

underwent training for group discus-

sion and personal interview, gained en-

try into various IIMs," says Mr Kumar.

struggled initially to reach this level,"

says Ms Manohar. The big breakthrough

for the company happened after their

first year in the business. The soft-skills

training space in Tamil Nadu had a clutch

of competing players. In a bid to gain a

Rajesh was earning more than ₹1 lakh per month at Citi Bank, but he quit all that to begin his own company and

er in the market, we decided to join hands as our objectives were the same," he says. The merger, completed in October 2009, was a no-cash deal. Focus 4-D Career Education has given minority stakes to e-brahma, which brought along with it 12 clients (colleges), 12 full-fledged associates, and two rental office locations. The company continues to be owned by the original promoter duo of Mr Kumar and Mr Raghulan, while Senthil Kumar from e-brahma has joined Focus 4-D Career Education as a full-time director.

Earlier this year, the start-up also bagged its most prestigious corporate engagement -- training entry-level recruits on communication skills and corporate etiquette under the 'train-andhire' model for Cognizant, one of India's fastest growing IT services firms. "Early this year, Cognizant had shortlisted 26 students from the Hindustan College of Arts and Science. We trained them at campus, and all the students got offer letters from the company now," says Mr

S SUJATHA

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AND 7:30 PM EVERY SUNDAY

Times of India ND 10/09/2010 p-13

Yarsity tells college to take back lecturer 🛭

Thiruvananthapuram: The syndicate of Mahatma Gandhi University, Kottayam, on Thursday decided to ask the management of Church-run Newman College to revoke the dismissal of lecturer TJ Joseph whose right hand was chopped off by alleged

Muslim fanatics last July 4 alleging

After the syndicate's meeting, VC Rajan Gurukkal said the college management had not followed norms while taking action against Joseph. The university, he said, would ask the college to take him back.

The management of Newman Col-

lege, Thodupuzha, had suspended Joseph soon after a controversy over a question paper set by him for an in-

Despite the university revoking Joseph's suspension, the college gave him the marching orders on September 1 stating it was necessary to protect secular credentials of the institution.

Joseph, meanwhile, shot off a letter to the college management pleading he be taken back on humanitarian grounds. He argued his salary was the only source of income for his family. The College is run by Kothamangalam diocese of Syro Malabar Church.

Times of India ND 10/09/2010

'Ohio ban against spirit of free trade'

Mini Joseph Tejaswi & Sujit John | TNN

Bangalore: The Ohio governor's decision to prohibit state agencies from hiring firms that send work offshore provoked an immediate and strong reaction from the IT industry. And in a sign that corporate India in general is getting worried by the protectionist moves in the US, national industry association Assocham came out strongly against the move, saving that it is against the spirit of free world trade and amounts to creating trade barriers.

Infosys also expressed concern. Nasscom said more such actions could be expected as



the US heads towards its November elections, but noted that such initiatives could be counterproductive to the US government's thrust on reducing public deficit and possibly lead to an increased tax burden on its citizens.

"It is imperative that the

Obama's reiteration of his administration's desire to withdraw tax breaks to US companies that create jobs overseas, instead of at home, is unlikely to have any direct impact on Indian IT firms

focus on free trade remains strong, but instances like Senator Schumer's Border Security Bill and the Ohio ban on outsourcing only reinforce our stand on discrimination," Nasscom said.

According to experts, US President Barack Obama's reiteration of his administrations desire to withdraw tax breaks to American companies that create jobs overseas, instead of at home, is unlikely to have any direct impact on Indian IT companies. The target, it is believed, could be subsidiaries of American companies that book profits in low-tax regions, and do not repatriate the same to the US, where tax rates are higher. A measure like that is unlikely to affect Indian companies.

p-26

International trade is a federal subject and Nasscom added that it is studying the legality of such a bill being passed by a state government. The industry body is leading a delegation to the US later

this month and plans to take this up with relevant officials in the US.

IT firms indicated that they would increase their delivery strength in US to reduce the offshoring need. Infosys CEO Kris Gopalakrishnan said the company was increasing local recruitment across all its global locations. 'I do believe that is a solution that works for us and them (the US). We Incur higher costs in relocating our employees from India with their families. Infosys initiative in the public services sector is focussed on creating a domestic delivery centre in the US, hence this should not be affected," he said.

Times of India ND 10/09/2010 P

India slips to 51 on global competitive list

Shella Mathrani

Geneva: India has slipped to 51st from the 49th spot in the World Economic Forum's annual Global Competitiveness Report (GCR) 2010-2011 among 139 countries rated for institutions, policies, and factors that determine the level of productivity.

The top ten ranked countries have retained their spots since 2009. While Switzerland is first for the second consecutive year, Sweden is second and Singapore is at the third spot. The US has slipped to fourth and China had jumped to 27 from 29.

"Switzerland, a model country, has the most effective and transparent public institutions in the world with a level playing field, an independent judiciary strong rule of law, and highly account-

able public sector," said the report released on Thursday.

"India has failed to improve significantly on any of the basic drivers of its competitiveness," said the report. But its large market size, good results in more complex areas including financial markets, business sophistication and innovation make it competitive.

India shows up poorly when it comes to institutions. It ranks 71 in diversion of public funds, 88 in the public's trust of politicians, 83 in irregular payments and bribes, 72 in favouritism in decisions of government officials, 57 in wastefulness of government spending, 95 in burden of government regulation, 127 in business costs of terrorism, 67 in business costs of crime and violence, 73 in organised

How They Perform				
Switzerland	Sweden	Singapore	United States	
Germany	Japan	Finland	Netherlands	
Denmark	© 6	China	(C) 8 INDIA	
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522 12		(()	(49 last year)	

crime, 68 in reliability of public services, 70 in ethical behaviour of firms and 76 in efficacy of corporate boards.

However, India ranks 42 in transparency of government policy making, 45 in its

strength of auditing and reporting standards, 33 in strength of investor protection, 41 in judicial independence, 47 in legal framework in dispute settlement and 37 in legal framework in challenging regulations.

India's macroeconomic environment continues to be characterised by persistent budget deficits (80), high public debt (115) and high inflation (123 out of 139). However, it ranks ninth in national savings rate.

India is 104th in health and primary education, with high rates of communicable diseases and high infant mortality (111).

Life expectancy in India (rank 109) is 10 years less than in Brazil and China. The quality of primary education remains fairly poor (rank 98), despite becoming universal.

Higher education also is a weak point, with low enrolment rates at secondary (rank 108) and tertiary (rank 101) levels. It is 39 in the quality of its educational system, and 23 in the quality of its management schools.

p-20

'Family planning is not just controlling numbers'

Jyoti Shankar Singh has been the longest serving United Nations official in the population field. A former deputy executive director of UNFPA, he played a pivotal role as executive coordinator of the International Conference on Population and Development (ICPI) in Cairo in 1994. He is also author of a recently published book, Creating a New Consensus on Population. He spoke to Rahul Singh:

■ Has the concept of family planning changed over the years?

Yes, it is not just a question of controlling numbers; it relates to health, education and contraceptive services. That is why the ICPD was so significant. It did what no population conference had before, by adopting a 20-year framework of action. Family planning was broadened to include provision

ofreproductive health services, reduction of infant mortality, improvement in maternal health, education and women's empowerment.

■ What has been achieved since 1994?

Gains have been made in reducing infant mortality, and the concept of reproductive health has gained increasing acceptance around the world.

■ What still needs to be done? There is a lack

of sufficient funding: 120 million couples still lack access to reproductive health commodities and services, and maternal mortality sadly remains at a very high level. Education, particularly for girls, has not yet been fully achieved.

■ Millennium Development Goals (MDGs) were laid down by the United Nations over



two decades ago. What were the most important ones?

The most important goal was reducing by half the proportion of people living in extreme poverty by 2015. There were about 1.25 billion people in developing countries living on less than \$1 a day (defined as extreme poverty) in 1990. Since then, there has been an impressive reduction in poverty in China and even in India

the overall poverty rate has come down, though in Africa the rate has come down at a much slower pace.

Other goals include universal primary education, with particular attention to girls, reducing child mortality and improving maternal health. Promoting gender equality and empowering women, along with ensuring environmental sustainability, are two other MDGs that have acquired increasing urgency in recent years.

■ How has India done?

Better than many demographers claim. Most of India has moved towards population stabilisation. Rajasthan and Madhya Pradesh, once part of the BIMARU states, have done well lately, but Bihar and eastern UP remain problem areas. India's maternal death rate is also much too high: if

health services were within easy reach, the rate could be reduced by half.

■ Some Indian states are passing legislation that does not permit candidates with more than two children to stand for political office. Will such measures work?

I don't have the details but no country in the world has succeeded in making a serious impact on population growth by such coercive measures.

measures.

There is a widespread perception that Islam is opposed to family planning. How correct is this?

Not correct. Take Iran, Indonesia, Turkey and Tunisia, to name just four major Islamic countries. They all promote family planning and have been successful in reducing population growth, even more successful than India.

Times of India ND 10/09/2010 p-16

'State education boards oppose IIT-JEE reform plan

Akshaya Mukul | TNN

New Delhi: Many state education boards have rejected the proposal of giving weightage to class XII marks for admission to IITs on the ground that each board has its own standard of examination and way of evaluation which cannot be put on a par with others.

The report on JEE reforms, prepared by a committee headed by IIT Kharagpur's director Damodar Acharya, will come up for discussion during the IIT Council meeting on Friday and it remains to be seen how the issue will be resolved. The Acharya committee had said that the admission would be based on the class XII marks

as well as the marks scored in an aptitude test and an add-on test, based on subjective questions. The state boards of Bihar, Uttar Pradesh and many northern states have said there is a great deal of variation in evaluation that cannot be resolved through the process of normalisation. Explaining problems with normalization, a senior official of the Uttar Pradesh board said, "The process of normalization will result in many state boards inflating marks of children."

He gave the example of BITS Pilani that gave up the system of direct admission after normalizing marks of students from all over the country. The reason, the UP official said, was that BITS realized that 70% of its students were coming from one state. Finally, BITS started taking students through its own entrance examination called BITSAT. Now direct admission is limited to state board toppers.

He pointed out that even IIT-GATE, UPSC-civil services have discarded normalization of marks because it cannot be done effectively.

But Acharya's ideas have found favour with the Central Board of Secondary Education and the state boards of Tamil Nadu and Andhra Pradesh. An official of the AP board said, "The proposal by Acharya will be good for students and less stressful."

Times of India ND 10/09/2010 p-16

Taiwan puts hospitals on high alert over 16 'made-in-India' bug

Kounteya Sinha | TNN

New Delhi: With the antibiotic resistant superbug NDM1, that scientists claimed originated in India springing up in almost 14 countries, Taiwan on Thursday decided to declare it a category-four communicable disease.

This means that hospitals and clinics will have to immediately report any suspected cases.

The bug, which is named from an enzyme called New Delhi metallo-beta-lactamase-1, has been found in patients from United Kingdom, US, Canada, Australia, Netherlands and Japan, who had recently returned from India after medical treatment.

According to Taiwan's Centre for Disease Control, NDM-1 has the potential to become a serious public health problem as the superbug is extremely virulent and resistant to almost all antibiotics, even the most powerful ones.

Chou Jih-haw, deputy director-general of CDC, on Thursday said doctors would have to notify the CDC or its local branches within 24 hours of seeing a patient who has received invasive surgery, has travelled abroad—to India and Pakistan in particular—over the past six months and whose



samples show the occurrence of resistance to antibiotics.

Doctors failing to issue such a notification after attending a patient who meets the three conditions could face a fine of up to US\$ 14,063, he added.

The announcement came a day after Japan's health minister Akira Nagatsuma announced that his country would begin a national survey to see how far the new type of antibiotics-resistant bacteria spread across Japan. On Tuesday, Japan reported its first case of NDM1 infection in an India-returned Japanese national.

The World Health Organisation has also now designated antimicrobial resistance as the official global theme for World Health Day 2011 (April 7).

IITs, IIMs get in-house shrinks to beat stress

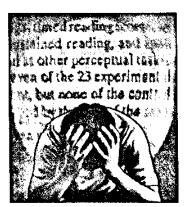
Students Also Face Loneliness, Depression

Sruthy Susan Ullas | TNN

Bangalore: If getting into any of these premier institutes is difficult, coping with the pressure once inside is even more difficult.

A realization that students in a premier institute wake up to once they walk into the campus. Amid the most hectic and tough academic schedules and with the pressure to perform, they realize that stress is their worst enemy. Be it at the 100year-old IISc or IIT in Mumbai/Chennai or the IIM-B, stress has become a raging campus epidemic, Almost all the institutes have counsellors on campus, both student counsellors and professionals. The latter are approached only when the internal centre cannot handle the case. Dr Nalini Dwarakanath. psychologist and social counsellor at IISc, told TOI that she counselled many students every month. There are months when there are hardly any cases and times when there are many she said. Though counselling days are twice a week, if needed, she goes to the campus on other days as well.

In IIT Madras, there is a guidance and counselling unit - a student counsellor is available from 9am to 5pm and a psychiatrist available at the ITT Hos-



pital. IIT Mumbai has an oncampus hospital and on its rolls are part-time psychologists and psychiatrists. At least one doctor is on campus every day IIM-B has a 15-member student body called Mitr and a parent body called Vishwas that consists of professional counsellors.

The problems faced by the students range from feelings of loneliness and depression to stress caused by increasing academic demands.

The issues don't have to be confined to the classroom. "It could be homesickness or a case of academic backlog or even an affair gone awry. We need to remember that these students are nothing more than teenagers or boys and girls in their early 20s," a faculty member from IIT Mumbai said.

At IIM-Bangalore, the cases are seen more during the time of placements and exams. "The summer placements are during November first week. And in September there are exams. It is mostly I year students who come to the centres as the second year students would have been accustomed to the system by then. I feel that the cases have come down over the years as the students are mainly people with work experience and they know what they are walking into," said Abhishek Mittal, Mitr volunteer.

The counsellors frequently get students who are worked up with various issues. "There are students who come by their own to me. In some cases, they go to the health centre with problems related to stomach and sleeplessness. When the centre realises that there is nothing physically wrong with them, they refer the student to me. Sometimes even the professors and guides send them," said Dr Nalini.

The cases at IISc are usually divided into the stages of their course programme __first year, second year and so on. Students who are in their second and third year of research go through mental agony when their projects don't go well. They lose heart, tend to change the project and even think of discontinuing.