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HT.COM ND 15.04.2015 P-3



Hindustan ND 15/04/2015 P-11

आईआईटी-आईआईएम में पढ़ाएंगे नोबेल विजेता

नई दिल्ली | विशेष संवाददाता

शिक्षकों की कमी से जूझ रहे देश के चुनिंदा संस्थानों आईआईटी, आईआईएम और केंद्रीय विश्वविद्यालयों में अध्यापन के लिए अब विदेशी प्रोफेसरों, नोबेल पुरस्कार विजेताओं एवं भारतीय मूल के जाने-माने वैज्ञानिकों को भी बुलाया जाएगा। मानव संसाधन विकास मंत्रालय ने इस संबंध में एक प्रस्ताव को मंजूरी दी है। इसके तहत पहले चरण में भारतीय मूल के जाने-माने गणितज्ञ मंजुल भार्गव और 20 नोबेल विजेताओं को बुलाने की योजना है।

मंत्रालय ने उच्च शिक्षण संस्थानों में शिक्षकों की कमी से निपटने के लिए वैश्विक अकादमिक पहल नेटवर्क (ज्ञान) की शुरुआत की है। इसी कड़ी में विदेशी प्रोफेसरों को भी गेस्ट फेकल्टी के तौर पर भारत में आमंत्रित किया जाएगा। मंत्रालय की बैठक में बताया गया है कि विदेशों से 800 जाने-माने प्रोफेसरों एवं वैज्ञानिकों को पढ़ाने के लिए बुलाया जाएगा जिसमें 20 नोबेल विजेता भी शामिल हैं। ये हालांकि चुनिंदा संस्थानों में पढ़ाएंगे लेकिन इनके लेक्चरों को ज्ञान नेटवर्क के जरिये इलेक्ट्रानिक तरीके से अन्य विश्वविद्यालयों

प्रोफेसर मंजुल भार्गव जोड़ेंगे 20 नोबेल विजेताओं को

मंत्रालय सूत्रों ने बताया कि अमेरिका स्थित प्रिस्टन विश्वविद्यालय के गणित के प्रोफेसर मंजुल भार्गव ने 20 नोबेल विजेताओं को जोड़ने का वादा किया है। वे खुद भी इस कार्यक्रम से जुड़ गए हैं। दुनिया के कुछ प्रमुख संस्थाओं के कई शिक्षाविदों का नाम 80 केंद्र पोषित संस्थाओं में पढ़ाने के लिए प्रस्तावित है और इन पर अभी विचार किया जा रहा है। कुछ उच्चायोगों ने भी इस बारे में जानकारी मांगी है जो उन देशों के प्रोफेसरों द्वारा इस पहल में रुचि दिखाए जाने से संबंधित है।

एवं संस्थानों में भी उपलब्ध कराया जाएगा। इन अंतरराष्ट्रीय स्तर के प्रोफसरों एवं वैज्ञानिकों को 20 दिवस शैक्षणिक सत्र के लिए 12 हजार डॉलर (करीब सवा सात लाख रुपये) और 15 दिवस शैक्षणिक सत्र के लिए 8000 डॉलर (करीप पौने पांच लाख रुपये) भुगतान करने का प्रस्ताव किया गया है।

Hindustan Times ND 15/04/2015 P-4

IIT gold medallist held for cheating investors of around ₹85 crore

HT Correspondent

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NEW DELHI: A B.Tech degree holder and a gold medalist from the University of Roorkee (now IIT) has been arrested by economic offences wing (EOW) of Delhi police for allegedly duping scores of investors of ₹85 crore on the pretext of trading money through National Stock Exchange (NSE) and other financial institutions.

The 68-year-old man, Ashok Kumar, was running share trading companies by the name of Kassa Finvest Pvt Ltd and Kassa Holdings and Consultants Pvt Ltd, with branch offices at several places in Delhi, police said.

The racket was unearthed following investigation into a complaint filed by one Amish Agarwal who said Kumar and his employees cheated him of over ₹20 crore, said BK Singh, DCP (EOW).

According to Agarwal, Kumar claimed he was authorised by NSE and Securites and Exchange Board of India (SEBI) to deal in financial trading.

"Investigation revealed that 28 similar complaints with similar allegations were made against Kumar and people had lost around ₹39 crore. NSE too received around 350 complaints against these companies from investors who have lost around ₹85 crores in total," said Singh.

His interrogation revealed that the companies induced the investors to invest their money/ scripts by assuring them that no trading would be done with their invested amount, Singh said. They were assured that the investment will be kept in the account of the companies as margin money, he said.

"However, the companies sold all the scripts and invested the amount in meeting official expenses of the company and in the expansion of its business. When investors demanded their money, cheques were issued to them which were dishonoured," said Singh.

Kumar was arrested before he could flee the country. Kumar claimed to have topped the combined Engineering Service Exam conducted by the UPSC and joined the Indian Railways in 1960.

He took retirement in 1995 and took the membership of National Stock Exchange and ventured into stock broking, a senior EOW officer said.

Pioneer ND 15/04/2015 P-14

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BIG OPPORTUNITY

In order to understand the meaning contained in the data. organsations need big data analysts to generate new insights. Companies are hiring people who have the skills in this field, making it one of the most sought-after career options, says **DIWAKAR CHITTORA**

very company is heavily dependent ◀ on its technological infrastructure and is in turn accumulating unac-countable volumes of information that is clogging servers without a meaningful purpose. The need of the hour is recruit-ing employees who have a good hand at working with upgraded technologies, can deal with this burgeoning data and put it to good use. This is where technologies like big data and business intelligence are gaining precedence by manipulating vast amounts of information to lend productivity to the company's working. One of the crucial aspects to look at while honing a career in this field is first, getting trained by choosing the right course. Second, it involves networking towards getting the right job that does justice to your training.

The term refers to a collection of large chunks of complex data that can't be dealt with, by using the convention-al data processing applications. Big data has the capability to store such humon-gous amount of data efficiently. Through the data, large sets of data can now be computed at tremendous speed, leading to its enhanced scale and accessibility.

It is usually thought of as something related to gathering data using software tools and creating dashboards and reports with the collected data. This is a narrow-version of the concept. Instead, the objective of big data analytics goes beyond this. It enables companies to analyse data and then come up with business decisions and insights. Also, it helps companies to comprehend the gaps

in the businesses and come up with effective solutions to increase revenue and reduce costs.

Business Intelligence refers to the process of converting raw data into meaningful information that can be easily analysed and applied to business decisions. Business intelligence has the proficiency to tackle enormous amounts of unstructured and unorganised data that creates new avenues of strategic development for companies. It interprets extensive data easily, helps in recognising opportunities and formulating effi-cient strategies. This gives businesses more stability and an edge over their competitors. The IT industry that is com-pletely based on large data has considerable demand for gen-next analytical skills that are compatible in a technolo-gy-dominated environment. It has been observed recently that many IT companies are giving employees the pink slip due to their lack of skills related to big data analytics and business intelligence.

This is a testament to the fact that technological skills have become mandatory for not just getting employed in renowned IT firms but also for sustaining a fruitful career in the expansive realm of IT. Many online courses are now available for those who want to shine in the IT segment. A solid grounding in the field of sta-

tistics along with knowledge of BI tools and big data platforms is becoming vital to recruitment in IT driven firms today. IT-job aspirants are exploring online courses to hone their skills in tandem

Having the right technological skills have become mandatory for not just getting employed in renowned IT firms but also for sustaining a fruitful career. Many online courses are now available for those who want to shine in this industry

with the new requirements. These courses enable vendor specific and vendor neu-tral big data and BI certifications and are changing the way companies adapt to the challenges of handling voluminous amounts of data they accumulate on a daily basis.

Courses like hadoop, data science, tableau are among many other courses that is gaining significant popularity among the masses. As demand for tal-ent in niche technology areas like big data, business intelligence gets fierce, number of universities and institutes are emerging to keep up with the digital revolution. IT professionals possessing these skills have to work with terabytes of data and cutting-edge technology to thrive in the dynamic environment today. Also, they have to work in tandem with the marketing, logistics and customer service departments to come up with insightful analyses that trigger the growth graph of the company. Besides this, they have to design reports based on their analyses, which further assist the company in tak-ing major decisions. Such IT professionals who are competent in big data analytics and business intelligence technologies are people who have an analytical and a creative approach to fixing problems.

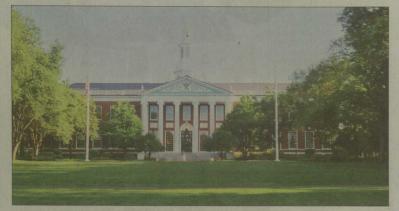
The IT is witnessing a revolution where ground-breaking technologies are being created to build seamless con-nections. Big data and business intelli-gence have now become the doorway to success for IT organisations and for those striving to get a job in the industry. (The writer is CEO, Intellipaat.com)

What different MBA schools specialise in

CUSTOM FIT Wharton is reputed for finance whereas Kellogg is reputed for marketting

The New York Times

ith some 13,000 graduate schools of business across the globe, the MBA degree has clearly become a com-modity. Conventional wisdom will tell you that Harvard is for Fortune 500 jobs, Wharton for Wall Street, Kellogg for marketing and Insead for multinational entities. There's truth to some of it, but times change, and so do employers' recruiting preferences. The smartest move might be to choose your business school by focusing on a very specific outcome and, assuming a good fit personally, going to the one with an impressive record of helping students achieve the same



IF YOU WANT TO START

The substantial resources

Harvard has devoted to its entre-

preneurial offerings in recent

years are starting to show real

results. By many accounts,

Harvard has as strong a claim

to being top startup destination

Anchored by its Arthur Rock

Center for Entrepreneurship, the

school offers 33 graduate-level entrepreneurship courses, with

the second-largest number of

dedicated faculty after finance.

But its push reaches well beyond

Competition awards \$150,000

in cash plus in-kind prizes. The

school also assists graduates

An annual New Venture

as Stanford does

YOUR OWN COMPANY

HARVARD BUSINESS SCHOOL

With an endowment of \$36.4 billion, Harvard is the richest University in the world.

FUQUA SCHOOL OF BUSINESS IF YOU WANT TO WORK AT APPLE

Silicon Valley hasn't always welcomed MBAs. After all, you don't need a graduate degree to hatch a bold idea in your garage. Steve Jobs never finished college had a disdain for 'suits'. But the company, once the scrappy symbol of the tech counterculture, has undergone an evolution.

Two of Apple's top 10 executives hall from Fuqua: the chief executive, Timothy D. Cook, and the senior vice president of operations, Jeff Williams. And they are, apparently, loyal. Apple has hired 32 Fuqua graduates over the past five years, while also providing 42 internships for Duke students.

Speaking in 2013 on the occa- App

sion of his 25th reunion, Apple CEO Tim Cook stressed to students that while they should focus first on how to collaborate, they should look to write their own rules after that, words that might describe the ethos at Apple itself.

STANFORD GRADUATE SCHOOL OF BUSINESS

IF YOU WANT TO WORK IN PRIVATE EQUITY

Private equity has the most lucrative jobs for MBAs, but also the fewest. "Only a handful of business schools on the planet can even pretend to open doors in PE.," says Matt Symonds, coauthor of "ABC of Cetting the MBA Admissions Edge" and a director at Fortuna Admissions, a business school admissions consultant.

While East Coast schools would seem an obvious choice given their proximity to Wall Street, private equity isn't tied to New York in the way investment banking is, and in recent years Stanford has managed to defy conventional wisdom.

Its graduates' success in landing coveted private equity jobs has proved it is more than just a recruiting ground for California's technology industry. Several of today's most prominent private equity firms count



Stanford graduates as founders or early hires, including TPG Capital (James Coulter), General Atlantic (Steven A. Denning, who is chairman of Stanford's board of trustees and a member of its advisory council) and SPO Partners (John H. Scully, William J. Patterson and William E. Oberndorf). The legendary finance professor Jack McDonald has been teaching a, value-based approach to investment at Stanford for the better part of two <u>decades</u>.

In 2014, Stanford put 12 % of its graduates into private equity jobs, a larger percentage than Wharton (8.5 %), University of Chicago (5.1 %) and Columbia (2.4 %). While Harvard placed more students, Stanford's starting salaries were the highest for any job at any school – ever. who are pursuing new ventures with loan reductions of \$10,000 to \$20,000 – last year, 21 student entrepreneurs received \$325,000 through the program.

FILE PHOTO

Its biannual entrepreneurial summit gathers alumni with demonstrated early-stage traction, and an entrepreneursin-residence program invites accomplished founders) to advise students. Being a Harvard graduate puts one in an exlcusive club. By some estimates 25% of the world's top 100 venture capitalists are Harvard alumni, providing significant opportunities for networking.

Poets & Quants, a website that covers business education, ranked Harvard No. 1 in their most recent assessment of startup culture.

PRESIDIO

IF YOU WANT TO CHANGE THE WORLD

The youngest school on this list, Presidio, has been around only 12 years, created by a lawyer and a former advertising executive who believed that established schools weren't producing the kind of socially minded graduates the country needs.

ates the country needs. Presidio is doing well toward that end. It has placed sustainability directors at companies from Salesforce.com to Facebook, and its graduates have founded sustainabilityfocused companies like Muir Data Systems (data management for the wind turbine industry) and Mission Motors (electric vehicle systems). The NGO Net Impact publish-

The NGO Net Impact publishes an annual guide to business school programs, and last year Presidio placed No. 1 in social impact and No. 2 in environmental sustainability, after the University of California.

Mint ND 15/04/2015 P-32

CURIOSITY FINDINGS

Mars may have liquid water, says Nasa

BY NIKITA MEHTA nikita.m@livemint.com

Mars may have liquid water close to the planet's surface, according to the Curiosity rover of National Aeronautical Space Administration (Nasa).

"Liquid water is a requirement for life as we know it, and a target for Mars exploration missions," said Javier Martin-Torres of the Spanish Research Council and Lulea University of Technology, Sweden, and a member of Curiosity's science team. "Conditions near the surface of present-day Mars are hardly favourable for microbial life as we know it, but the possibility for liquid brines on Mars has wider implications for habitability and geological water-related processes."

Torres is lead author of a study published on Monday in *Nature* journal.

Since Curiosity landed on Mars in a 154km-wide crater called Gale in 2012, it has travelled more than 10km from the landing site towards Mount Sharp and carried several studies.

The scientists discovered calcium perchlorate in the soil, which under the right conditions absorbs water vapour from the atmosphere. The measurements from Curiosity's weather monitoring station show these conditions exist at night and just after sunrise in the winter.

Using measurements of

humidity and temperature at the surface and atmosphere of the planet, scientists could approximately calculate the amount of water that is absorbed.

"When night falls, some of the water vapour in the atmosphere condenses on the planet surface as frost, but calcium perchlorate is very absorbent and it forms a brine with the water, so the freezing point is lowered and the frost can turn into a liquid," explains Morten Bo Madsen, associate professor and head of the Mars Group at the Niels Bohr Institute at the University of Copenhagen.

Bo Madsen further explained that the soil is porous, so the water seeps down through the soil.

Eventually, other salts can also dissolve in the soil and since they are now liquid, they can move elsewhere under the surface.

Mars probe's stereo camera has earlier shown areas typical of old riverbed with rounded pebbles, which show that a long time ago there was flowing, running water with a depth of up to one metre. The new close-up images taken by the rover on its way to Mount Sharp show that there are stretches of sedimentary deposits, a hint that large amounts of water flowed down the crater.

"The sediment plates on the bottom are level, so everything indicates that the entire Gale Crater may have been a large lake," explains Bo Madsen.

Deccan Herald ND 15/04/2015 P-1

AICTE approval for B Tech course likely to come with conditions

27 DU colleges told to upgrade faculty, hire labs

Prakash Kumar

NEW DELHI: The All India Council for Technical Education (AICTE) is likely to approve a proposal by 27 colleges of Delhi University for continuing the B Tech programme, with the rider that they hire as faculty only those with a PhD in engineering subjects and use laboratory of nearby engineering colleges.

While inspecting these colleges, the Council noted that the faculty was not qualified to teach B Tech students. Besides, the colleges lacked laboratories equipped to offer B Tech programmes.

"They (faculty) hold PhD in

science subjects but not in engineering. To teach engineering students, the colleges must engage those who have PhD in engineering subjects. This is one of the conditions that the colleges will have to fulfill to get approval for their B Tech programme from the Council," sources told *Deccan Herald*.

The council, which will take a final decision on approving these colleges in next two weeks, is considering asking them to make a prior commitment that they would replace the existing faculty with those holding PhD in engineering subjects and make arrangements for practical classes at nearby engineering colleges,

Hardware and a second s

AICTE FINDING: The faculty hold PhD in science subjects but not in engineering

sources added.

The AICTE initially wanted these colleges to appoint candidates with PhD in engineering subjects as permanent faculty. However, suggestions came in, "from within and outside" that the colleges may be allowed to engage qualified "visiting faculty", sources said.

The University Grants Commission, while scrapping the four-year undergraduate programme at Delhi University last year, had allowed the colleges to continue with the B Tech programme only for the first batch of 6,300 students, who had been admitted in 2013. The higher education regulator, however, directed these colleges to take approval of the AICTE.

"So, there is no point in asking colleges to appoint permanent faculty when they have to close the programme after students of this batch complete their course," sources added.

The Council decided to approve these colleges at its meeting last Thursday and ask them to file an affidavit within six hours, undertaking to fulfil the AICTE norms with regard to faculty and laboratory within six months.

When the colleges objected to the AICTE's diktat, it softened its stand and allowed them a few more days time to file affidavit. **DH News Service**

ही बाहर निकलतीं थीं। इस वजह से उनका

पडोसियों से कम ही संपर्क था।

Hindustan ND 15/04/2015 P-7

चुका था। वह जब भी बात करने की

कोशिश करते थे तो वह धमकी देता था।

आईआईटी छात्र व मां का शव फ्लैट में मिला

ट्रांस हिडन| हिन्दुस्तान टीम

वसुंधरा सेक्टर-3 स्थित रेल विहार के बंद फ्लैट में मां-बेटे के शव मिले हैं। बेटा फांसी के फंदे पर लटका था, जबकि मां का शव बिस्तर पर पड़ा था, उनके हाथ की नस कटी थी। बेटा आईआईटी रुड़की में बीटेक फाइनल ईयर का छात्र था, जबकि मां रेलवे बोर्ड में निजी सचिव थी। महिला पति से अलग रही रही थी।

वसुंधरा सेक्टर-3 स्थित रेल विहार में अरविंद गिल (52) अपने बेटे गगन (24) के साथ रहती थीं। उनके पति हरमीत गिल दिल्ली के आनंद विहार में रहते हैं जो एक निजी कंपनी में इंजीनियर हैं। पुलिस जब फ्लैट के अंदर पहुंची तो अरविंद का शव बेड पर पड़ा था। एसएसपी ने बताया कि शुरुआती जांच में मामला आत्महत्या का लग रहा है।

	खात्र व ना का राव पलट न ।नला			
	02 बजे पड़ोसी ने सोसाइटी के महासचिव को बदब्	रेल 1, इसके	चार साल से अलग थे पति-पत्नी हस्मीत ने बताया कि अरविंद किसी के हाथ का बनाया हुआ खाना नहीं खाती थी। घर का कोई भी सदस्य उसकी रसोई को छूता था तो वह नाराज हो जाती थी। वह चार साल से वसुंधरा के फ्लैट में गगन के साथ रहती थी। उन्होंने बताया कि गगन अपनी मां के साथ अलग रहने की हमेशा जिद करता था।	
and the second second	की सूचना दी दरवाजा तोड़ प्ट्यार की वजह से रहने लगा था डिप्रेशन में गगन के पिता हरमीत ने बताया कि पढने में अच्छा था, उसने 2010 मे	गगन	शुक्रवार को आया था रुड़की से हरमीत ने बताया कि गगन शुक्रवार को रुड़की से आया था, उन्होंने बताया कि	पिछले साल डिप्रेशन का हुआ था उपचार : हरमीत ने बताया कि नशे की वजह से गगन डिप्रेशन में रहता था, दिल्ली के एक अस्पताल में उसका इलाज कराया गया था। हरमीत ने बताया कि वह वसुंघरा आता था लेकिन आनंद विहार नहीं आता था।
	आईआईटी रुड़की में प्रवेश लिया था। वहां एक लड़की से प्यार हो गया था। प्यार में असफल होने पर वह नशे का भी आदी हो गया था। वह दो साल फेल हो		रविवार को उसकी मां का फोन आया कि गगन की तबीयत खराब है। शाम को साढ़े सात बजे फोन किया नो उसकी मां बोनी की शब	पड़ोसियों से कम करते थे बात : रेल विहार में रहने वाले अरविंद के पड़ोसियों ने बताया कि वह सुबह नौकरी पर चली जाती थीं और शाम को वापस आती थीं। छुट्टी के दिन भी वह कम

तो उसकी मां बोली की अब

वह ठीक है और सो रहा है।

Mail Today ND 15/04/2015 P-1



school in spoken Sanskrit in Switzerland, Italy and — believe it or not — India too.

future looks like. Unable to cope

with the flood of applications

from around the world, the South

Asia Institute, University of Hei-

delberg, had to start a summer

"When we started it 15 years ago, we were almost ready to shut it after a couple of years. Instead, we had to increase strength and take the course to other European countries," said Professor Dr. Axel Michaels, head of classical Indology at the university. In Germany, 14 of the top universities **Turn to page 14**

2 out of 3 IIT-B students were not from metros

Hindustan Times (Mumbai)

MUMBAI: Two out of every three students who graduated from the Indian Institute of Technology, Bombay (IITB) in 2014 were from small cities, towns and villages, a recent survey revealed.

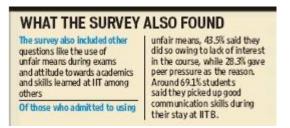
The survey by Insight, the student media body at IIT-B, checked the hometowns of 260 students from the graduating batch of 2014 and found students from metros were 33.7% of the batch, or one of every three students.

While students from smaller cities topped the demographic constitution of the batch of 2014, when it comes to small towns and villages, the numbers stand at 21.7% and 5.8% respectively.

Since this is a first-of-its kind survey by the students, there is no comparative data to find out if there has been an increase or decrease in the intake of students from smaller cities or towns. Academicians said IIT-B has, for some time, done well in getting students from small cities and towns.

"Back in the 1980s, when good education was limited only to the urban areas, we saw a large difference in demographics. Now, with more schools adopting a competitive syllabus and curriculum, clearing the entrance test has become possible for students from rural areas as well," said Urjit Yajnik, dean of student affairs, IIT-B.

The institute has seen many students from the north-east and places like Odisha and Bihar, Yajnik said.



Some education experts, however, have a different take on the numbers.

A for mer dean of the institute, on condition of anonymity said, "The coveted Indian Institutes of Technology (IITs) have often been considered out of reach for folk from small cities and towns, with the urban upper middle class producing IITians by the dozen. While small cities seem to have caught up, towns and villages are still way off the mark," he said.

HT PHOTO Academicians said IIT-B has, for some time, done well in getting students from small cities and towns.

A study by Indian Statistical Institute, Kolkata, also showed students from high income families and urban areas bag most of the IIT seats. In fact, among those who had registered, students from the higher income group have a success rate that is four times higher t han t hose f rom t he l ower income group.

"The survey of the outgoing seniors yielded a lot of information. There may be a difference of opinion on the findings, but the results have given us an insight into the various aspects of their lives during their stay here. We will float a similar survey for the current graduating batch as well, "said Niranjan Thakurdesai, chief editor of Insight.

Students from small towns also seem to take time to settle into the IIT-B campus. A third-year metallurgy student from Tirupati, who landed an i nter nship with a leading manufacturing company in Singapore, said it was difficult to get used to the ways of a big city and an elite institute like IIT-B. "But hostel life and exposure to students from all over the country helped me come out of my shell," he said.