Newspaper Clips May 8, 2014

Two IITs send most computer science professors to top US universities

IIT Madras, IIT Kanpur were the fifth- and ninth-largest contributors of faculty to computer science programmes in US universities

http://www.livemint.com/Politics/LAoRPYetIU5Y8jADsa3O9H/Two-IITs-send-most-computer-science-professors-to-top-US-uni.html



IIT Bombay, IIT Delhi and IIT Kharagpur were ranked 12th, 18th and 26th, respectively. Photo: Mint

New Delhi: Two Indian Institutes of Technologies (IITs) are on the list of top 10 undergraduate colleges that contribute computer science professors to top American universities, according to a Brown University study published on Tuesday.

Covering 2,200 professors across 50 top US universities, the research listed 37 undergraduate colleges that supply these professors. The US universities covered include Purdue, Massachusetts, Stanford and Yale.

While IIT Madras and IIT Kanpur were the fifth- and ninth-largest contributors of faculty to computer science programmes in American universities, IIT Bombay, IIT Delhi and IIT Kharagpur were ranked 12th, 18th and 26th, respectively.

Alumni from the five IITs together accounted for 122 faculty members in top 50 American universities, second only to Massachusetts Institute of Technology, the top contributor with 127 faculty members.

The data also showed that while the professors received their bachelor degrees from India, none received their doctorates from a university in the country.

"We were aware that a lot of our alumni did doctorates and then joined faculties in top US universities and this study just validates that," said <u>Bhaskar Ramamurthi</u>, director, IIT Madras. Only top rankers in the entrance exam to the IITs, considered to be the world's toughest, are admitted into the computer science programme, and statistically, many of these students tend to stay in academics, Ramamurthi added.

Ramamurthi said the top IITs receuit an average of 35 professors a year, with at least half being doctorates from top universities, mostly in the US. "The question that this data raises is hoe we can create better conditions so that top professors from outside India can join our faculty," Ramamurthi said.

Watch: This short film by IIT Kharagpur students will show you the darker side of Facebook addiction

http://ibnlive.in.com/news/watch-this-short-film-by-iit-kharagpur-students-will-show-you-the-dar/470201-79.html

It is a daily routine to log in to Facebook and scroll down to check every update on your newsfeed. Your newsfeed will always have different kinds of people some will include you real life friends and a few people here and there you have no idea about, but still have them on your list anyway. This short film called 'sTaTus' is the story of one such Facebook addict.

This short movie is produced and directed by a bunch of students from IIT Kharagpur who call themselves Naughty IITians. The story revolves around a college student Dev, who comes across a Facebook profile called 'Aleron Sunnshine', which is later discovers is girl called Isha. This anonymous profile intrigues this student so much that he completely forgets about his exams and stalks this profile every day. He finds out details about this girl through a mutual friend and figures she is depressed after one of her closest friends committed suicide.

The virtual world takes over Dev's life and he spends hours every day thinking of what that anonymous profile must be going through. It touches upon the dangerous side of social media and how seriously we have begun to take the virtual world. Though the YouTube video is over a year old, it is still pretty much relevant.





Indian Express ND 08/05/2014 P-11

56% freshers from quota at IIT Bombay feel 'discreet' bias

MIHIKA BASU MUMBAI, MAY 7

A SURVEY of first-year IIT Bombay students by Insight, the student media body in the Powai campus, reveals that an alarming 56 per cent of students belonging to various categories, like SCs, STs and OBCs, feel discrimination does exist in the institute, albeit in a discreet manner.

While an assessment of IIT-JEE results has shown success is skewed in favour of students with urban and highincome background, this is the first time an IIT has looked at the issue of biases and discrimination on the campus on the basis of region, language, caste, religion and category of the students.

While 69 per cent of freshers denied any caste discrimination, 28 per cent said it was there in an indirect manner while three per cent said they had witnessed it first-hand.

The survey was conducted on first-year students who joined IIT Bombay in July 2013. A questionnaire with 25 questions was sent online to them at their official IIT Bombay email address. The entire survey took a month.

"The campus attracts students from highly different backgrounds each year, which is why certain biases are bound to exist. Also, the transition to life in a big city like Mumbai and the IIT system can vary severely because of these biases. Hence, the primary motivation for undertaking this survey was to find out these biases and to look at whether the institute made any attempts to bring students at a level footing," said Chirag Chadha, IIT Bombay student and chief editor of Insight.

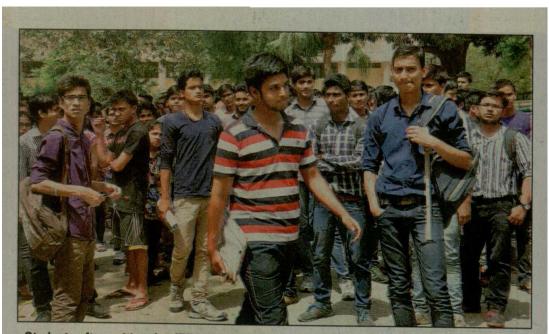
The main difference among students of general and other categories, according to the survey, was not due to any negative sentiment, but because of the differences in their academic performance. Results show the average cumulative performance index of general category, OBC and SC/ST students is 8.09, 6.6 and 5.9, respectively. Further, 60 per cent of reserved category students said they experienced more academic pressure than general category students as they felt they "lag" the latter in academics.

"This was a demoralising factor that hit them hard when they got their results. The conclusion that can be drawn is that the discrimination against reserved category students is not direct and open, but indirect and discreet. The major disparity between students of general and reserved categories is the extra academic stress perceived by reserved category students," said the findings, published in the Insight newsletter.

Amar Ujala ND 08/05/2014 P-7



HT.COM ND, 08.05.2014, P-6



Students after writing the JEE Mains exam. Nearly 38% of total students who have qualified for JEE Advanced are from Andhra Pradesh, UP and Rajasthan

FILE

Nepal, Bhutan students qualify in IIT entrance

Vanita Srivastava

ight students from Nepal and Bhutan have also qualified for the IIT entrance exam this year, according to preliminary data of those who have qualified for the Joint Entrance Exam (JEE advanced).

Interestingly students from Andhra Pradesh, Uttar Pradesh and Rajasthan account for nearly 38% of those who have qualified for JEE (advanced).

There are some examination centers for JEE (mains), outside India including Nepal, Srilanka, Singapore and four centers in Gulf countries. JEE (mains) is the filtering exam for JEE (advanced), the exam held for admission to 16 IITs. More than 12 lakh students had appeared for JEE (mains).

After the results of JEE (mains) were announced on Friday, the top 1.53 lakh students were declared eligible for appearing for the JEE (advanced) exam.

Those who could not make it to JEE (advanced) will seek admission to NITs and

other centrally funded institutes according to their final score, which will be known on July 7 after all the board results are out.

"We did not have students from Nepal and Bhutan last year qualifying for the IIT entrance exam. If this year some students have qualified, it is a positive sign. It will indirectly reflect on the ranking of IITs,' said HC Gupta, JEE-Advanced 2013 chairperson.

Like last year, the maximum number of students to have qualified for the JEE (advanced) this year is from Andhra Pradesh, 21,818 followed by Uttar Pradesh, 19,409, Rajasthan, 16,867, Maharashtra, 13,626 and Gujarat, 10,037. In Delhi there has been a marginal increase in the number from 7478+ last year to 7629 this year.

Last year nearly 18% of those who had finally qualified for IIT were from Andhra Pradesh followed by Rajasthan, 17% and Uttar Pradesh 12%. The registrations for JEE (advanced) will continue till May 9. The exam will be held on May 25 and the result will be declared on June 19.

In India, Small Research Firms Aim Big

India is not known for developing drugs, let along cancer drugs, but a few small and niche firms are trying exactly that, reports Hari Pulakkat



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New Templates

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Indian Anti-Cancer **R&D: a Timeline**

Till 1990s

Cancer biology research attempt to make drugs

Early-1990s to 2000

2000 to 2010

2000 to 2014

Economic Times ND 08/05/2014 P-7

Crunching Numbers to Make Research a Breeze Noida-based Innovaccer dives deep into data in areas such as social science, public policy, law & public health

KRITHIKA KRISHNAMURTHY BANGALORE

When a business professor in Brazil wanted to find out the most economical way of transporting kids to schools in rural areas, he turned to one of the most unlikely quarters for help — a Noidabased data analytics company.

The professor, Paulo Rocha e Oliveira, had his army of students at IESE, one of the top 10 business colleges in the world, to work on the problem for one-anda-half years it was only with the involvement of Innovaccer that he is getting close to a solution.

Innovaccer is different from most other data analytics firms that work only with corporates. The nearly two-year-old startup works with researchers, giving them access to data that help them solve issues of the real world. "MBA students don't have the engineering and computer science muscle required for a project of this scale," said

Rocha e Oliveira, who has been working over the past three years to design travel routes for "Previously, school buses. didn't have the skills available to make it a viable project. Innovacer was a natural option.

Innovaccer dives deep into data in underserved areas such as social science, public policy, law and public health and works alongside researchers anywhere between one month and a

couple of years on their projects. Its team of coders, statisticians and domain analysts work with graphic designers to help make sense of the story hidden be-neath the information for researchers in The Wharton School, Harvard, Stanford University, MIT and London Busi-ness School, among others. "A lot of academia is moving toward data-centric analysis. We are here to simplify that," said Abhinav Shashank, 26-year-old cofounder of the company, who graduated from IIT Kharagpur.

"The pitch was the The researchers readily jumped on board," said founder Sachin Jaiswal, 25, an alumnus of IIT Kharagpur.

Although data analytics has been used domains in such as retail.

search has remained unex-

Few businesses centered on scientists and researchers have cropped up in the past. Gurgaonbased Knimbus that operates a networking site for scientists and gives them access to white papers

journals is one such example. Several colleges including Stanford, Massachusetts Institute of Technology have in-house tools for researchers. But none are as comprehensive as Innovaccer.

"It's not new, but it is an efficienplay in a new vertical. And it makes sense for researchers to get top talent for the job," said Ravi Gururaj, president of Nasscom Product Council and cofounder of Harvard Business School Angels.

The alternative for researchers is to hire interns or freelancers, something that does not always yield the best results. "They were a substantial

time savings for us and their efficiency saved us money. said Bill Mayew, an associate professor at North Carolina-based Duke University.

Mayew's research uses theories from economics and psychology to better understand managerial communication.

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