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JEE Mains to provide lateral entry to Engineering diploma holders

http://indiatoday.intoday.in/education/story/jee-mains-to-provide-lateral-entry-to-engineering-diploma-holder-candidates/1/369723.html

Candidates who have completed Engineering/Architecture/Pharmacy diploma programs from an All India Council for Technical Education (AICTE)-approved institute with at least 45 per cent marks (40 per cent for reserved category candidates) are eligible for admission to the second year of four-year degree programme of Engineering/Pharmacy and five-year Architecture programs through Lateral Entry notified AICTE.

These candidates need not appear for any entrance examination.

According to the AICTE, if a diploma level candidate aspires for admission into the first year of four-year degree Engineering/Pharmacy or five-year Architecture programme and has a 12th certificate, then the candidate will be eligible on the basis of the Class XII certificate.

Polytechnic/Engineering diploma holder who has completed Class XII from a board between 2012 and 2014, the candidate needs to update and upload the Class XII result information on the official website of JEE Mains latest by July 3, 2014 midnight.

If the candidate fails to do the same, it will be assumed that the candidate is only a diploma holder and will not be treated eligible for admission to BE/B Tech/B Arch as per the aforementioned guidelines of AICTE.

The last date has been extended once from July 27 to July 30 and now it has been extended further over requests from various candidates, who could not confirm their board marks.

The JEE Mains apex board has received the results from 45 education boards/universities.

Very few toppers opt for IIT-Madras

DC | N. ARUN KUMAR | July 04, 2014, 05.07 am IST

http://www.deccanchronicle.com/140704/nation-education/article/very-few-toppers-opt-iit-madras

Chennai: The Indian Institute of Technology (IIT), Madras seems to be off the radar for top ranking students in this year's admission process. Very few students from the top 100 in the JEE (advanced) have preferred IIT-Madras. Faculty at IITs say that geographical location of the institute and students' perception makes a lot of difference in admission preferences.

IIT, Kharagpur, which is the organising institute for 2014 JEE (advanced), released the first round of allotments on July 1. Chitraang Murdia, a resident of Udaipur, who topped joint entrance exam (JEE-advanced) with a

score of 334 out of 360 marks has selected computer science engineering in IIT-Bombay as also several other toppers.

IIT-Madras, which is famous for mechanical engineering since the days it began with German collaboration, has no student from the top 200 ranks (general category). Electrical engineering, which is another of the institute's flagship programmes has fared better than other departments with students in ranks between 32 and 452 opting for it.

The institute, which was started in 1959 as one of the seven original IITs, has not been able to attract top-ranking students in several other departments even after 55 years. Former deputy director and professor emeritus at IIT-M's ocean engineering department Prof V.G. Idichandy points out that the trend to select the institute starts right from the coaching centre which the student joins.

"Most top ranking students either come from coaching centres in Kota (Rajasthan) or from Hyderabad (Andhra Pradesh), they will like to join IIT-Bombay as it is nearer their home town. Hyderabad is equidistance from Chennai and Mumbai for a student from Andhra Pradesh," he said.

Prof Idichandy also attributed students' misperception about placements that make them select IIT-Bombay. "Students think they will get a job only in Mumbai as it is the financial capital of the country. On the contrary, several students from IIT-Madras have been placed in top notch companies with big salaries," he said.

Another senior faculty noted that the reputation of the faculty also matters for the student to select his favourite institute. "The institute's reputation is based on the faculty's contribution to research and fame in the academic fraternity. Even if you have one highly rated professor your institute becomes most sought after by students," the faculty said.

IIT Kharagpur wants whistleblower out

Anubhuti Vishnoi | New Delhi | Published: Jul 04 2014, 10:25 IST

http://www.financialexpress.com/news/iit-kharagpur-wants-whistleblower-out/1266699

More than a year after the Union Human Resource Development (HRD) Ministry recommended that IIT Kharagpur revoke the suspension of a whistleblower professor, the institute has recommended "compulsory retirement" for Prof Rajeev Kumar.

Kumar, a professor of the Computer Science department, has had several run-ins with the institute's administration in his bid to expose examples of conflict of interest there. On May 13, 2011, he was suspended for allegedly maligning and misrepresenting the institute.

Kumar has raised questions about the marking of students in the IIT Joint Entrance Examination, used the RTI Act to expose a fake institute being allegedly run from within the IIT Kharagpur campus, and alleged that admissions of wards of senior functionaries at the IIT were being facilitated. He has been lauded by courts for using the RTI to bring in transparency in the IIT system; the apex court once called him one of the "unsung heroes who helped improve the system".

In a memo dated June 20, 2014, IIT Kharagpur said the Board of Governors concurred with the findings of the 2012 inquiry report that the "charges labeled against Kumar in the chargesheet hold and that Kumar violated the rules of the institute on several counts".

"...therefore the Board of Governors at its 177th meeting held on April 28, 2014 has provisionally come to the conclusion that Kumar has been found guilt on the charges and penalty of compulsory retirement as set out under (v) of the Statute 15(9) may be imposed," the IIT said.

Kumar termed the proposed penalty as mala fide and malicious and sought the Visitor's intervention to quash the inquiry and the chargesheet.

Advised by the Central Vigilance Commission (CVC), the HRD Ministry had in February 2013 recommended that the suspension order slapped against the professor be revoked.

Initially, the ministry chose not to intervene in the matter citing autonomy of IITs in administrative and disciplinary matters. But later, it wrote to IIT Kharagpur asking it to review Kumar's suspension order in the light of the provisions of Central Civil Services (CCS) and Classification Control and Appeal (CCA) rules and place the matter for review before the Visitor — the President of India. With the IIT refusing to comply, the ministry had sought advice from the CVC.

स्टूडेंट्स की चॉइस में आईआईटी इंदौर नही⚬

http://naidunia.jagran.com/madhya-pradesh/iit-indore-is-not-first-choice-of-students-132850

जेईई एडवांस्ड के टॉप-10 में से 9 ने पसंद किया आईआईटी-ब⚬

- आईआईटी इंदौर पसंद के मामले में काफी पीछे

इंदौर। देशभर के 16 इंडियन इंस्टीट्यूट ऑफ टेक्नोलॉजी (आईआईटी) में अभी एडमिशन प्रक्रिया चल रही है। स्टूडेंट्स द्वारा अब तक की गई चॉइस फिलिंग के आंकड़ों के अनुसार उनकी पहली पसंद आईआईटी मुंबई है। आईआईटी इंदौर पसंद के मामले में काफी पीछे है।

इस बार टॉप-10 में से 9 स्टूडेंट्स ने आईआईटी-बी (बॉम्बे) को चुना है। इसमें भी सभी स्टूडेंट्स ने कंप्यूटर साइंस ब्रांच को प्राथमिकता दी है। टॉप 10 के एक अन्य स्टूडेंट ने आईआईटी दिल्ली को चुना है। स्टूडेंट्स पुराने आईआईटी में ही ज्यादा भरोसा जता रहे हैं। नए आईआईटी को पसंद करने के बजाय कई स्टूडेंट्स बिरला इंस्टीट्यूट ऑफ टेक्नोलॉजी एंड साइंस (बिट्स) व एनआईटी में एडमिशन लेने के इच्छुक हैं।

प्लेसमेंट भी सौ फीसद नहीं

इंफ्रास्ट्रक्चर के मामले में कई नए आईआईटी पिछड़े हुए हैं। इंदौर की ही बात करें तो यहां आईआईटी अभी तक आईटी की बिल्डिंग में किराए से चल रहा था। वैसे अब नई बिल्डिंग में शिफ्टिंग का काम शुरू हो चुका है, लेकिन पूरी शिफ्टिंग होने में अभी काफी समय लग सकता है। वहीं नए आईआईटी में स्टूडेंट्स की रुचि न लेने का दूसरा सबसे बड़ा कारण प्लेसमेंट सौ प्रतिशत न होना है। इस बार भी आईआईटी-आई का प्लेसमेंट सौ प्रतिशत नहीं रहा।

ये आईआईटी हैं पसंद

- आईआईटी बॉम्बे

- आईआईटी दिल्ली

- आईआईटी खड़गपुर

- आईआईटी मद्रास

- See more at: http://naidunia.jagran.com/madhya-pradesh/iit-indore-is-not-first-choice-of-students-132850#sthash.XrjA8zan.dpuf

Two education awards for NIT

http://www.thehindu.com/news/national/telangana/two-education-awards-for-nit/article6173944.ece?textsize=large&test=1

The National Institute of Technology (NIT), Warangal has bagged two awards in the National Education Awards presented by ABP News recently in Mumbai. The Director of NIT Warangal Prof. T. Srinivas Rao received the award for Outstanding Engineering Institute (South) and also for B school with best Industry related curriculum in Information Technology. The School of Management, NIT Warangal has bagged this award consecutively for the fifth time.

HyperVerg: IIT-grads system to inspect 2000 biscuits a min at ITC

http://economictimes.indiatimes.com/news/emerging-businesses/startups/hyperverg-iit-grads-system-to-inspect-2000-biscuits-a-min-at-itc/articleshow/37741894.cms

Even as a second year undergraduate student at IIT Madras (IITM), Kedar Kulkarni knew he was going to be an entrepreneur. He was then studying mechanical engineering, but had a passion for robotics.

He founded a student club on computer vision. This was followed by a company to teach the principles of robotics to school children. By the time he graduated two years ago, he had wet his feet enough to take the plunge. The computer vision club at IITM was serious work.
In 2009, within a year of its formation, it had represented India in the International Aerial Robotics Competition. Lema labs, the robotics education company they floated, trained 6,000 college students in robotics and is in business.

The club members were always on the lookout for real problems, and they found one truly worthy of their subject: inspection of overhead railway power lines. Overhead lines have to be perfectly aligned for the pantograph - which collects the power - to move smoothly, but the Railways had no automated solution for it.

After going through several interations, the students developed an automated inspection system that was approved by the Research Design and Standards Organisation of the Railways. They founded the company, HyperVerge, when it was obvious that they would get a large contract from the Railways.

"We wanted to focus on niche problems," says Kulkarni. Negotiations with Railways were going slow, and so they looked for other revenue streams. A ready customer was ITC, which did not have an inexpensive system to inspect their production line for biscuits.

For return of investment on existing machines, ITCBSE 0.17 % would have to charge a dollar a biscuit, while a packet of biscuits in India often cost less than that. HyperVerge's system, about to be installed in the company, is good enough to inspect 2,000 biscuits a minute.

Other problems presented themselves easily, and solutions were ready quickly. One of them was an automated licence plate recognition system. Another was an intelligent photo organisation system for tablets and smartphones.

Both products are now looking for customers. HyperVerge is incubated in IIT Madras; it has 15 people, of which just two have finished their degrees. The team is now in the US pitching to potential investors and searching for new customers and problems.

Kedar Kulkarni graduated two years ago and is the CEO. Co-founders Vignesh Krishnakumar and Kishore Natarajan will graduate this year. They have turned down extraordinary job offers from multinational technology companies to run HyperVerge.

"They are not run-of-the-mill IITians," says Mahesh Panchagnula, a mentor and professor at the department of applied mechanics. "They have run this company so far with no technical inputs from the faculty."

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SETTING THE TONE

Govt to push four education Bills during budget session

BY PRASHANT K. NANDA
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NEW DELHI

In the upcoming budget session of Parliament, the government will introduce four education Bills, including an academic depository Bill aimed at curbing educational fraud and helping employers verify potential job seekers' educational qualifications.

Other than the academic repository, other legislation that the human resource development (HRD) ministry will bring in include the Schools of Planning and Architecture (SPA) Bill, Indian Institute of Information Technology (IIIT) Bill, and a Bill to start a second central university in Motihari, Bihar, at least three ministry officials said. Besides, it will take the "first concrete step" to set up a number of centrally funded institutions, including an Indian Institute of Technology (IIT), Indian Institute of Management (IIM) and a central university in Andhra Pradesh.

"The budget session will set the tone of the education road map," said one of the officials, requesting anonymity. With the exception of the SPA Bill, the other three are Bills that could not be passed by the previous Parliament and lapsed. They will be re-introduced.

"We cannot understand why the depository Bill was not passed. It was a requirement for students, employers and guards against any educational fraud in future," said the second official. Authorities said the task of forming a national academic depository to digitize the educational records of students and curb forgery had been pending since 2011.

As part of the move, all education credentials of students from Class 10 onwards would be digitized and kept in a demat format. Lakhs of schools, over 600 universities and more than 35,000 colleges would be covered by the project irrespective of whether they are run by private players, state governments or the central government.

As soon as the law is enacted, respective school boards, colleges and varsities would digitize their students' education certificates. There would be a provision allowing any Indian citizen to go to a partner organization of the project and dematerialize his or her educational credentials.

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materialize his or her educational credentials.

"But private agencies would not be made partners as a precaution to safeguard the privacy of individuals. Instead, organizations like post offices and public sector banks will be roped in for the work. And a central government-controlled body will create the depository," said the second official.

The third official said, with a huge student base and a growing labour market, such a move is required to guard against fraud—whether during admissions or while seeking jobs. In 2011, the Delhi university unearthed a racket in fake certificates during the admissions season. In 2012, IITs were faced with a similar situation after several hundred applicants provided fake certificates showing they were members of other backward classes (OBCs), who benefit from quotas. "An employer can apply to the depository and verify the credentials of a possible employer," the third official said.

HRD ministry officials said that taking central institutions to Andhra Pradesh was part of the formula that allowed its bifurcation and the creation of Telangana as India's 29th state. The ministry had earlier proposed a ₹8,400 crore education package for Andhra Pradesh and the annual budget slated for 10 July is expected to make some allocations in this directions.

Andhra education department had already identified three zones in the new Andhra Pradesh state to set up an IIT, an IIM, a tribal university, an agricultural university and other institutions of higher learning. The three zones are Visakhapatnam, Vijayawada-Guntur and Tirupati.

The SPA Bill and the IIIT Bill will give statutory status to Schools of Planning and Architecture in Bhopal and Vijayawada and IIIT at Kancheepuram, allowing students to get degrees.

Yogendra Kalavalapalli in Hyderabad contributed to this story.

ANALYSING DATA IN IIMs, IITs

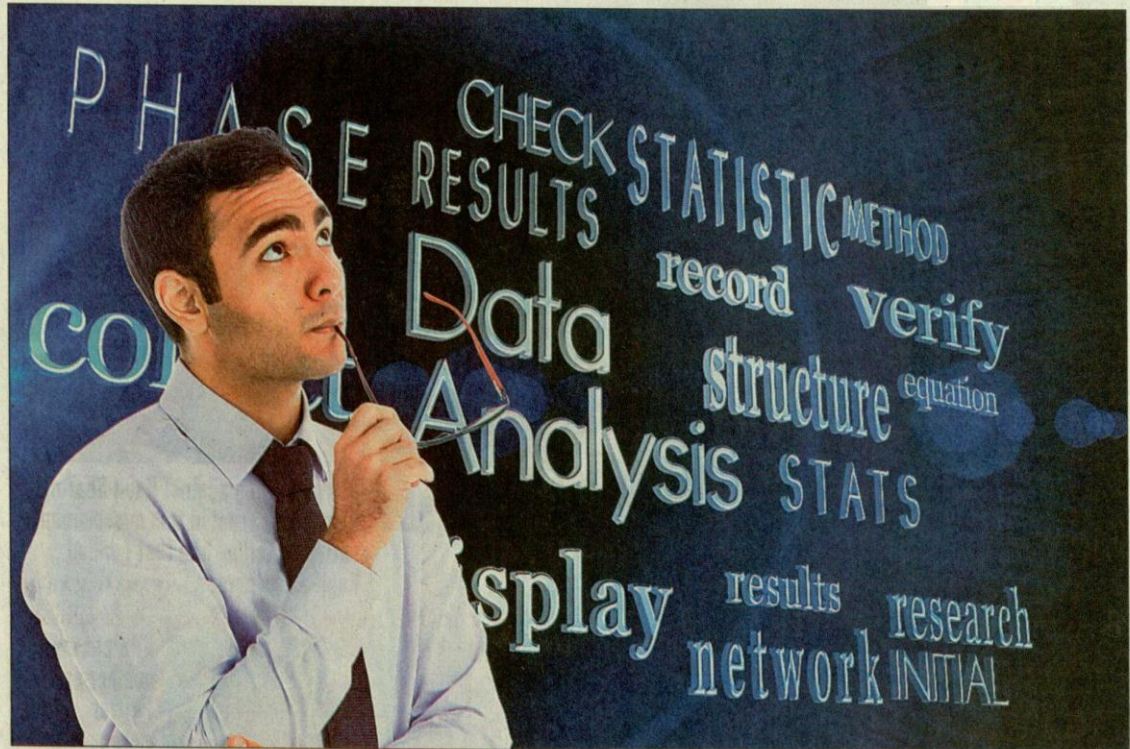**COURSE ALONG** A number of certificate courses on data and analytics are on offer

Shivika Jain

Despite the growing popularity of data analytics as a highly lucrative career, there are not many relevant full-time courses available both in India and abroad. However, there are some certificate and online courses on offer. One such is the postgraduate certificate course in business analytics by NIIT Ltd.

Amitabh Lahiri, president, career building solutions, NIIT Ltd, says, "The programme is taught by practitioners who have worked with some of the best analytics firms and for Fortune 500 clients. The programme design includes intensive assignments, case-studies, projects and uses a case-based approach to learning. Learners and professionals with a background in business management, engineering, mathematics, statistics, or economics can join up."

The course module covers foundation of analytics, statistical Inference, applications of analytics in business function, special analytical methods, information management in analytics, advanced business forecasting, advanced analytics and application of analytics in business verticals. The duration of the course is six months and the fee is ₹1.3 lakh.

The University of Glasgow is offering an MSc in data science – a full-time two year programme. Some of the core subjects covered in the programme include core and optional courses, including big data, artificial intelligence, cyber security and computer architecture, information retrieval, machine learning, research methods and techniques, professional skills and

issues, functional programming, enterprise computing, trends in information security, distributed algorithms and systems, to name a few. Iadh Ounis, programme director of the course at the university says, "The programme helps students seek software development positions in a range of industries, including finance, government, transport, manufacturing, retail, education, health and engineering. In addition, graduates would be well placed to take up PhD programmes too." The course fee is £17,250 (₹17 lakh), with a £1,000 discount for international stu-

dents. Students can visit http://www.gla.ac.uk/postgraduate/taught/datascience/ for details on applications and scholarships.

IIM Bangalore has set up a data centre and analytics lab to support interdisciplinary empirical research using data on primarily Indian and other emerging markets. The institute also offers a one-year certificate course in analytics to employees of multinational companies. IIM Ahmedabad also offers an executive programme on advanced analytics for management (www.iimahd.ernet.in/). IIT Hyderabad is conducting a

five-day certificate programme on advanced business analytics from July 16 to July 20 (www.iith.ac.in/analy/index.html). Besides, MOOC providers such as edX (www.edx.org/) and Coursera (www.coursera.org) have a number of online certificate programmes.

Nasscom has created an analytics interest group to help define core competencies and provide training. As KS Viswanathan, VP, industry initiatives, Nasscom points out, "We are in the process of designing common content for training professionals and students in big data and analytics."

■ Data analysis is a process of inspecting, transforming, and modeling data with the goal of discovering information   REPRESENTATIVE PHOTO