

Newspaper Clips

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Sliding Fortunes Jobs at startups are uncertain as some cos shut shop, stop ops or delay joining dates due to funding issues

Startups' Magic Fades at IIT Placements

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Mumbai: Startups are sending shivers down the spines of students at the top Indian Institutes of Technology.

Once the most sought-after for placements, some startups have started withdrawing job offers at IITs in Delhi, Mumbai, Roorkee and Guwahati because they've either shut shop or are closing some operations. Others are delaying joining dates as uncertainty, a funding slowdown and pressure on profitability force them to go slow on hiring, according to placement managers at these campuses.

At IIT Delhi, two startups withdrew job offers after they closed down, while another two made offers but could not keep the commitments, said Anishya Madan, industrial liaison officer, training and placement at the institute.

"This is not a good sign. This leads to a lot of uncertainty," she said. She refused to share the names of the startups that withdrew the offers.

Ecommerce companies such as Ola are finding it difficult to take on students they've hired and are delaying the process, according to IIT officials. Startups that have withdrawn offers at IITs include Zimply Home Shopping and PepperTap.

"While one startup withdrew offers given to six students, a few others are saying they will come up with later joining dates as some businesses they had hired for are not doing well," said Ayush Lakhotia, placement coordinator at IIT Bombay. "There is a lot of suspicion and concern among students this time when it comes to startups," he said.

Cab aggregator Ola did not

Empty Chairs

IIT DELHI

2 startups withdraw offers on closing down; 2 can't keep commitment

IIT GUWAHATI

1 startup withdraws offers given to five students

IIT BOMBAY

1 startup withdraws offers given to six students; others delaying

IIT ROORKEE

3 startups change offers - 1 cancels and two delay



immediately respond to an email seeking comment. PepperTap has shut operations. Zimply Home Shopping officials could not be reached.

Although several new startups visited the top IIT campuses this year, the number of hires by companies such as Flipkart, Ola and Snapdeal has dropped significantly from a year earlier as investors put pressure on companies to save costs and improve cash flows, the placement officials said.

"In January, Zimply Home Shopping said they are ceasing operations in certain cities and cost-cutting. They had taken five students from IIT Guwahati but withdrew all five offers," said Harish Bohara, student coordinator of placements at IIT Guwahati.

InMobi and Roadrunnr have delayed joining dates to October and December, respectively. Roadrunnr, a hyperlocal delivery startup, has stated it is expanding, while mobile advertising platform InMobi hasn't provided any reason, according to Bohara.

All students have been allowed to sit for placements again and most of them have been selected elsewhere, he said.

At IIT Roorkee, three star-

tups changed offers made to students. One cancelled the offer in the first week of February and the other two delayed the hiring of 10 students.

"Normal date of joining is in July. They have so far delayed it till November. Students are pretty tense. There is a slowdown in startup market and established startups are going down. Students are now looking for backup," said Himanshu Bansal, placement coordinator at IIT Roorkee.

"We have not seen this in our campus so far, but I'm hearing about it from other IITs," said Babu Vishwanath, professor of mechanical engineering at IIT Madras. Placements at IIT Madras were delayed due to floods in December. Top ecommerce firms including Flipkart, Ola and Snapdeal backed out after registering to visit.

Institutes and students are reaching out to executive search firms for assistance. "We are getting calls from tier I and II institutes as many students have had offers withdrawn," said Kris Lakshminanth, CEO of The Head Hunters.

"Most joining dates are in June. That is the time this will explode," said recruitment agency officials.

Towards a culture of innovation

Student teams from BITS Pilani, IIT Bombay and IIT Varanasi develop ingenious products and solutions, win Ericsson Innovation Awards India

Vikram Chaudhary

Recently Ericsson, in association with the Foundation for Innovation and Technology Transfer (FITT), announced the winners of second edition of its 'Innovation Awards India' at IIT Delhi. (FITT is the industry interface of IIT Delhi.) The awards were presented by Paolo Colella, head of Region India, Ericsson. The three winning teams—from BITS Pilani, IIT Bombay and IIT (BHU) Varanasi—will be supported by Ericsson India financially to the extent of ₹13 lakh each towards incubating the winning projects at any IIT-approved incubators.

Winning projects

While the BITS Pilani team focused on human recognition using GAIT analysis—the systematic study of human motion—and other body features based on Microsoft Kinect sensor, the IIT Bombay team has attempted to create an LED beacon and receiver module. The IIT Varanasi team, on the other hand, has tried its hand at an advanced breathalyser helmet.

Human recognition using GAIT analysis: Anuj Bansal, Chandradeo Arya and Deeptanu Choudhary from BITS Pilani have attempted to introduce an innovative way for human recognition using GAIT and other body features. They said their attempt is an alternative to the current system based on face, fingerprint and iris. "Our system, when fully ready, will be able to recognise people from a distance without requiring them to stop for a fingerprint scan or facial recognition," the team said. It can be used in security establishments such as defence areas, research labs, government offices and banks. It would ideally act as an additional alternative to fingerprint and facial recognition. "The final product will be a complete software solution which will require Kinect and a small computing device," the team added.

LED beacon and receiver module: Dheeraj Kotagiri, Rishabh Gupta, Sambhav Jain, Vijay Sankar and Nithin Murali from IIT Bombay have come up with an idea which uses an LED beacon to broadcast data in a particular area and illuminating it at the same time. The team is essentially developing the next generation of bea-

cons using Li-Fi technology. "From a layman's perspective, the product is an LED light source which would be connected to a receiver that would transmit data in real time," the team said, adding, "The idea is to develop a compact receiver for beacons which could be integrated with smartphones to push location-based information and data." Since the beacon will use visible light to transmit data, it will not only serve the purpose of a beacon, but also double up as an illuminating device.

Advanced breathalyser helmet: Naman Singhal, Shubham Jaiswal, Rishabh Babeley, Devendra Gupta and Jagjeet Shyamkunwar from IIT Varanasi want to make Indian roads safer for both riders and pedestrians. The team is working on a smart helmet integrated with a two-wheeler. "We are designing a helmet, without wearing which you will not be able to start your two-wheeler. It also has an alcohol sensor installed, and if it finds that your alcohol level is above permissible limits, in that case too your two-wheeler won't start," the team said. In case of an accident, the helmet is programmed to send the location of the victim and an automated SMS to predefined contacts such as ambulance, family and friends.

Colella said that with the Ericsson Innovation Awards, the company aims to encourage the culture of innovation within India's premier engineering institutes and support talented minds to develop relevant solutions for the benefit of industry. "This initiative seeks to promote innovation beyond mere recognition," he said, adding, "India has a strong talent pool and some of the best academic institutions. A robust entrepreneurial ecosystem that is conducive to innovation will provide a strong impetus to young innovators."

The winning teams will be mentored by Ericsson during incubation phase. "The patents for their innovation remain with the students," Colella added.

These awards were initiated in 2014 to promote the spirit of innovation among engineering students at select IITs. In its second year, the awards have been rolled out to IITs across Delhi, Kanpur, Kharagpur, Mumbai, Roorkee, Guwahati, Bhubaneswar, Mandi and Hyderabad, as well as IISc Bangalore, BITS Pilani, IIIT Gwalior, IIIT Delhi and IIT (BHU) Varanasi.



बरसाती पानी सीवर में डालने वालों पर हो जुर्माना : आईआईटी दिल्ली

दिल्ली सरकार को सौंपी ड्रेनेज मास्टर प्लान की अंतरिम रिपोर्ट

अखिलेश कुमार

नई दिल्ली। राजधानी में ड्रेनेज के मास्टर प्लान पर आईआईटी दिल्ली काम कर रहा है। अपनी ड्रेनेज मास्टर प्लान की अंतरिम रिपोर्ट में दिल्ली सरकार को आईआईटी ने जो सिफारिशें सौंपी हैं, उसमें बरसाती पानी सीवर सिस्टम में बहाने वालों पर जुर्माना लगाने की सिफारिश की है। रिपोर्ट में कहा गया है कि मोहल्ले स्तर पर बरसाती पानी का सिस्टम सरकार बनाए या फिर हर परिवार अपने खर्च पर ग्राउंड वाटर रिचार्ज सिस्टम तैयार करे। इसके लिए जागरूकता फैलाई जाए।

आईआईटी दिल्ली ने सिफारिश में कहा है कि फाइनल रिपोर्ट आने तक दिशा में काम किया जाए, जो ड्रेनेज के फाइनल मास्टर प्लान में सहयोग करेगा। उन्होंने कहा है कि नालों की सफाई ठीक से हुई या नहीं, इसकी स्थानीय अधिसूचित व्यक्तियों से फीडबैक लिए जाएं। इसमें जहां शिकायत मिले, उसे गंभीरता से देखा जाए। इसके अलावा यह भी कहा है कि नाला साफ करने के बाद सड़क पर छोड़ी गई गाद नालों में चली जाती है। इसके लिए जिस गली, सड़क या कॉलोनी से कितना कूड़ा निकला है, इसकी मैपिंग की जाए। इसके बाद कूड़ा कम करने के लिए कदम उठाए जाएं। इसी तरीके से हर नाले से निकलने वाली गाद का जीआईएस मैपिंग से हिसाब-किताब रखकर धीरे-धीरे कम करने की दिशा में काम हो।

● बरसात में सड़कें न डूबें, इस मास्टर प्लान पर काम कर रही आईआईटी दिल्ली

● कहा- गली व सड़क के कूड़े और नाले की गाद को हो मैपिंग



‘सफाई का शेड्यूल तय हो’

सिफारिश के अनुसार, होटल, मार्केट या अन्य जगह जहां ठोस कूड़ा अधिक निकलता है, वहां से उठाने की व्यवस्था शुरू करें। कंस्ट्रक्शन एंड डेमोलिशन वेस्ट को उठाने वाली सरकारी एजेंसी सूचीबद्ध करें ताकि इधर-उधर कूड़ा ना फेंका जाए। वहीं ढके नालों की सफाई ठीक से नहीं हो पाती है। इसलिए जरूरी है कि आईआईटी दिल्ली की नाला नेटवर्किंग के हिसाब से जियो-स्पेटियल लिमिटेड जीआईएस मैपिंग करके सफाई का शेड्यूल तय हो। जनता में प्रचार हो और सफाई एजेंसी को प्वाइंट दिए जाएं। जब तक ड्रेनेज के मास्टर प्लान की फाइनल रिपोर्ट तैयार नहीं होती, तब तक जो भी नाले बनाए जाएं, उसके प्रभाव व व्यवहारिकता का अध्ययन हो। इसका डिजाइन आईआईटी के पास भेजा जाए। पुराने नालों की अच्छी सफाई के लिए किसी एक एजेंसी के सुपुर्द किया जाए और नाले अतिक्रमण मुक्त करने के लिए विशेष अभियान चलाया जाए।

एलिवेटेड रोड, मेट्रो पिलर ने बढ़ाई है दिक्कत

आईआईटी दिल्ली की रिपोर्ट में कहा गया है कि बरसाती नालों पर किसी तरह के निर्माण की अनुमति नहीं दी जानी चाहिए। अभी कई नालों में अलग-अलग सेवा से जुड़े पाइप और तार डाले हुए हैं। इसी तरह से कई जगह ड्रेन पर एलिवेटेड रोड और मेट्रो ट्रैक के पिलर बने हुए हैं। ऐसे किसी भी काम को स्वीकृति नहीं दी जानी चाहिए। जहां कहीं ऐसा हो गया है तो जल्द से जल्द उस नालों को क्षमता के हिसाब से रिस्टोर किया जाना चाहिए।

फाइनल रिपोर्ट के लिए करना होगा इंतजार

दिल्ली सरकार को ड्रेनेज के मास्टर प्लान को लेकर अभी दिसंबर तक इंतजार करना पड़ेगा। आईआईटी दिल्ली ने अभी सिर्फ अंतरिम रिपोर्ट दी है, जिसके हिसाब से बरसात में जलभराव में कमी लाने के कुछ उपाय एमसीडी, पीडब्ल्यूडी व अन्य एजेंसियों को करने होंगे। फाइनल रिपोर्ट के लिए आईआईटी दिल्ली को अभी कुछ एजेंसियों से डाटा का इंतजार है। यह खुलासा पिछले दिनों दिल्ली सरकार में हुई एक बैठक में हुआ है, जिसमें कहा गया है कि इस साल के अंत तक ही रिपोर्ट फाइनल हो जाएगी। राजधानी में करीब पांच हजार नाले हैं, जिन्हें एकसाथ जोड़कर मास्टर प्लान तैयार किया जा रहा है।

शीला सरकार में नियुक्त हुए थे सलाहकार

राजधानी दिल्ली हर साल मानसून के सीजन में सड़कों पर जलभराव को लेकर चर्चा में रहता है। नालों का नेटवर्क मास्टर प्लान 1981 में बना था, उस समय आबादी 50 लाख से भी कम थी। अब आदी पौने दो करोड़ पहुंच गई है। बहुमंजिला मकान बढ़े हैं, जिससे नाले ओवरफ्लो हो रहे हैं। उस हिसाब से कई एजेंसियों ने नाले बनाए लेकिन आपस में एकरूपता नहीं होने के कारण दिक्कतें बढ़ी हैं। उसी को ध्यान में रखकर मुख्यमंत्री रहते शीला दीक्षित सरकार में आईआईटी दिल्ली को ड्रेनेज के मास्टर प्लान को लेकर सलाहकार नियुक्त किया गया था। नोडल एजेंसी के तौर पर सिंचाई एवं बाढ़ नियंत्रण विभाग काम कर रहा है।

आधुनिक व्यवस्था से खोले जाएं सीवर जाम

सीवर के मैनहोल खुले ना हों। सीवर जाम की वजह से ओवरफ्लो होकर बरसाती नालों में जाने से रोक लगाने के साथ ही दिल्ली जल बोर्ड को आधुनिक व्यवस्था से सीवर जाम खोलना चाहिए। हरियाणा व उप्र से आने वाले नालों में सिर्फ बरसाती पानी या सीवर के शोधित पानी को ही छूट हो। बरसाती नालों में अनधिकृत कॉलोनी के सीवर को अनुमति ना दी जाए। एसटीपी या सीवर इंटरसेप्टर में शोधित करने के बाद ही इसे नाले में छोड़ा जाए।

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V Balaraman Institute Chair at IIT Madras

IIT Madras has launched an Institute Chair in the Department of Mechanical Engineering. The Chair is established in the name of Venkataratnam Balaraman, chairman, Computer Age Management Services (CAMS). Prof R Nagarajan, dean of International & Alumni Relations at IIT Madras, said, "This is another sign of the support IIT Madras enjoys from its alumni. They contribute time, talent and treasure. By recognising a management guru, IIT Madras is indicating that it is ready to honour achievers beyond pure academicians." Prof N Ramesh Babu, a faculty from Mechanical Engineering, will be the occupant of this Chair.

तीन इंजीनियरिंग विश्वविद्यालय में बढ़ेंगी 370 सीटें

सीमा शर्मा

नई दिल्ली। राजधानी के तीन इंजीनियरिंग विश्वविद्यालयों में शैक्षणिक सत्र 2016-17 के तहत बीटेक प्रोग्राम में 370 सीटों की बढ़ोतरी होने जा रही है।

ज्वाइंट काउंसिलिंग से होने वाले दाखिले में छात्रों को सीट तो अधिक मिलेंगी, लेकिन इन्हें 15 से 20 फीसदी तक फीस बढ़ोतरी देने को भी तैयार रहना होगा। क्योंकि दिल्ली प्रौद्योगिकी विश्वविद्यालय (डीटीयू) और आईआईआईटी दिल्ली फीस बढ़ाने जा रहे हैं। इसके अलावा डीटीयू में विदेशी छात्रों के लिए आईसीसीआर प्रोग्राम के तहत प्रति 12 प्रोग्राम में दो-दो सीट बढ़ेंगी।

डीटीयू, आईआईटी दिल्ली, और इंदिरा गांधी दिल्ली महिला तकनीकी विश्वविद्यालय (आईजीडीटीयू) में जून में ज्वाइंट काउंसिलिंग से बीटेक दाखिले शुरू होंगे। डीटीयू में

डीटीयू, आईआईआईटी दिल्ली में 20 फीसदी तक होगी फीस बढ़ोतरी

आईजीडीटीयू में फीस बढ़ाने के लिए नहीं लिया गया फैसला

करीब ढाई सौ सीटें बढ़ रही हैं। इसके तहत बीटेक कंप्यूटर साइंस में 140 से 240 सीट, आईटी में 95 से 120 सीट हो जाएंगी। इसके अलावा अन्य कोर्सों के लिए भी सीटें बढ़ेंगी। वहीं आईआईआईटी दिल्ली में बीटेक में 60 सीटें बढ़ेंगी। इसमें बीटेक कंप्यूटर साइंस एंड एप्लाइड मैथ्स का नया कोर्स भी शुरू होगा, जिसमें करीब 60 सीटें रहेंगी। इसके अलावा आईजीडीटीयू बीटेक के हर कोर्स में सीट बढ़ाने की बजाय महज आईटी में सीधे 60 से 120 सीट करने जा रहा है। हालांकि, अभी फीस बढ़ोतरी पर फैसला नहीं हुआ है।

Prof leads way to save water

<http://paper.hindustantimes.com/epaper/viewer.aspx>

REMOVING TOXINS IIT professor and students create wetland that treats 30,000 litres of sewage in a day

THE WATER CAN BE USED FOR REUSABLE PURPOSES INCLUDING DRINKING WATER FOR ANIMALS, IRRIGATION IN FARMS AND GARDENS

At a time when the state is dealing with severe water crisis, a professor from the Indian Institute of Technology Bombay (IITB) and his team of students have created a wetland at the institute's Powai campus that processes approximately 30,000 litres of sewage a day and converts it in to reusable water. According to Mumbai's municipal corporation, an average resident of Mumbai uses 135 litres of water every day. The research plant currently treats, without chemicals and electricity, wastewater generated by nearly 300 students living on the campus. The project, called the constructed wetland (CW) plan, started functioning in November 2013 and is an idea from professor Shyam Asolekar from the Centre for Environmental Science & Engineering and his research team comprising of PhD and MTech students and research engineers, Dinesh Kumar, Rahul Sutar, Dheeraj Kumar, Ketan Kamble and Anurag Singh and advised by Yogen Parikh. "A constructed wetland bed is a natural treatment system that does not need energy or chemicals to clean wastewater. It traps the foul odour below the wetland bed and treats sewage through a continuous biotechnological process once the wastewater is released into the wetland bed," said Asolekar. The artificial wetland bed, having dimensions of 13m length, 3m width and 0.6m depth, approximately equal to an area of 450 square feet about the size of a one bed room-hall kitchen flat is covered by almost 1,000 plants of one wetland species, canna indica, sewage water is released into the beds through a pipeline, diverted from the main sewer lines to the pilot plant for research purposes. "The roots of the living plants in the wetland provides a peculiar habitat for beneficial microorganisms in the rootzone (which also pump oxygen from the atmosphere into the bed) and jointly purify the sewage while the plants are automatically nurtured by utilising carbon, nitrogen and phosphorous from sewage," said Asolekar. The treated water can be used for a variety of reusable purposes including drinking water for animals, irrigation in farms and gardens, and water for flushing and washing. Cofunded by the European Commission and IITB , the project cost for developing this technology as well as building this pilot plant was close to Rs4 crore. After the successful demonstration of the CW technology on IITB campus, three similar CW have already been commissioned at three separate locations across Maharashtra.

May 8

Economic Times ND 8/05/2016 p-18

A Degree to Die For

On May 22, some 2 lakh students will take the final stab at an IIT admission. Only 5% will sail through

:: Vanita Srivastava

The streets of Kota have only one story to sell: the IIT dream. The entire city, in Rajasthan, roughly 250 km south of the state capital Jaipur, is dotted with hoardings of coaching institutes, competing with each other by splashing the photos of young, cheerful boys and girls who have made it to the IITs, along with their fancy scores. Some billboards even promise to “tap them young” – start IIT coaching from Class VI.

But camouflaged behind these huge, colourful posters is a story of a less cheery kind. Be it the vegetable seller or the fruit vendor on the streets, the mention of IIT is enough to bring a gleam to their eye. Even a housemaid of this city has an IIT aspiration for her kid.

Inevitably, many of those dreams turn out to be empty ones, and it is around these extreme emotions that the city is knitted – hope that can quickly descend into frustration. In the meanwhile, housewives have gone on to become entrepreneurs, opening hostels and messes for students who have arrived in the city to be coached. Parents have sold their ancestral properties and shifted base to Kota just to give the “right” environment for their children preparing for IIT; in some cases, families are dislocated as mothers choose to accompany the



Kota has a population of around 12 lakh; this includes nearly 1.5 lakh students who come here for coaching

children in their training endeavours. Students from Class VI have started attending coaching institutes to get a “preliminary” taste of the exam.

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The Big Pressure

After two years of self-exile, intense sacrifice, no social life and zero entertainment, the results are mixed. A few students walk out accomplished. But a large number of them are left disenchanted and drained.

Recently, an IIT aspirant, who was studying in a coaching institute in Kota, committed suicide. It was after the Joint Entrance Examination (JEE) Mains held in early April, a filter for the big one, JEE Advanced, which will be held on May 22.

Student suicides aren't unusual in Kota; there were 17 in 2015 and four till date this year.

Ravikumar Surpur, district collector of Kota, has in the recent past made sev-



eral interventions to ease the pressure in the system. Through regular advice to coaching institutes, notes to children and, more recently, through a five-page letter to parents, he has spelt out the need to reduce stress and to look at life in a broader perspective.

“It is a matter of fact that today young children are facing immense amount of pressure relating to their academic performance and... many of them go

through various levels of stress,” Surpur wrote in his letter to the parents.

Towards the end of last year, the district administration asked the coaching institutes to introduce career and psychological counsellors, mandatory weekly holidays, easy exit options and a series of helplines. They were also asked to introduce recreational activities, yoga and meditation sessions.

Geetanjali Kumar, a Delhi-based coun-

Kota collector has asked coaching institutes to introduce counsellors, weekly holidays, easy exit options and a series of helplines



Destination IIT

<p>No. of IITs</p> <h1 style="font-size: 2em;">22</h1> <p>including 4 new ones</p>	<p>No. of candidates eligible for JEE Advanced</p> <p>Around</p> <h1 style="font-size: 2em;">2 lakh</h1>	<p>Total no. of seats</p> <p>Roughly</p> <h1 style="font-size: 2em;">10,000</h1>	<p>Date of JEE Advanced</p> <h1 style="font-size: 2em;">May 22</h1>
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Suicides by Students in Kota

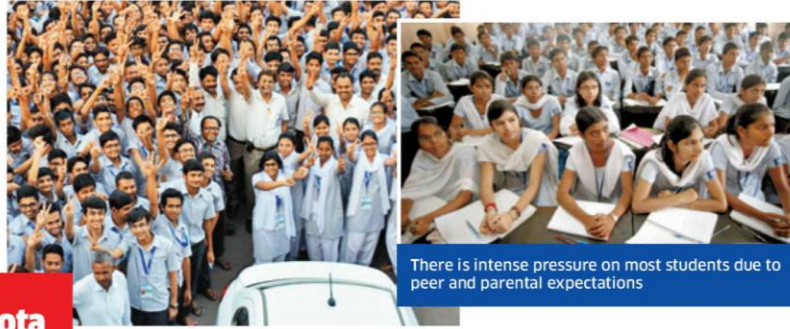
2013 **13** 2014 **8** 2015 **17** 2016 **4**
till date

selling psychologist, recently got a call on her helpline from a girl studying in Kota. "She shared with me the pressure on her when she went home and mingled with her community. They would ask her: 'Aur engineer saheb, kaise ho?' Never mind that she had only just started preparing for the exam. Can one imagine the state of mind of that girl? How frustrating it must be to live under such extreme pressure," says Kumar.

She cites another case of a father who called her up and said that his son had distanced himself just because he had refused to send him to a coaching institute. In most cases, however, the pressure comes from parental expectations. "Why should we live with the notion that only those who study science are academically brilliant? Parents should help the child explore his or her interest. They will then stand a better chance of being successful," says Kumar.

Brand IIT

Pramod Maheshwari, director at Career Point, a popular coaching institute in Kota, reckons that it is incorrect to attribute student suicides to pressure. "I agree there is parental and peer pressure, but how can you avoid it? Pressure is a vital ingredient of growth. But more than that I feel kids are not exposed properly to different career options. For most, engineering or medicine is an end in itself. Time has come when they



There is intense pressure on most students due to peer and parental expectations

should take a peek outside this world."

Kota may be the epicentre of IIT coaching, but the stress on students is building up across the cities in the country.

RL Trikha, director of the Forum for Indian Institute of Technology and Joint Entrance Examination (FIIT JEE), a coaching institute, points out that these days any prestigious competitive examination like the JEE is more of an invitation to rejection

rather than selection.

"The number of aspirants is far higher than the number of openings/seats available. Even one mark can make a difference. IITs are institutions having international recognition but this cannot be the final destination for everyone," says Trikha.

He says that it is imperative that students and parents set – and reset – their goals in an honest and transparent manner. "They are advised to relook their goals as the preparation progresses, based on performance."

Sanjiva Dayal, who runs a coaching institute in Kanpur, says, at the end of the day, it is the survival of the mentally fittest. "I was selected for IIT in my first attempt and without any coaching. I never found the stress to be unbearable. Excellence cannot be achieved without stressful training. Those who lack calibre and passion find the stress unbearable and the IIT system cannot be blamed for that," he says.

Beat the Stress

Soumya Sharma speaks fluent German, loves to play the keyboards and is an avid chess player. These days the 18-year-old is devoting a minimum of seven hours a day for the JEE Advanced. "More than the number of hours, being consistent is important for JEE. I take frequent breaks after practice sessions and am quite relaxed," says Sharma, who lives in Delhi.

After scoring 325/360 in the JEE (Mains) this year, Sharma has some pearls of advice for those contemplating a similar path. "You have to like the subject, be passionate about it, to crack the exam. I do not mean that those who do not like the subject don't succeed but the chances are slimmer." In fact, Sharma contends that the eagerness to write the exam will determine the level of stress. "If it is a personal, self-motivated choice, the stress will be less. But if you are writing the exam because of parental or peer pressure, it is bound to be more."

Sixteen-year-old Puru Mathur, an IIT aspirant in Kota, has already decided that if he is not selected this time he will spend one more year preparing for it. "My JEE (Mains) marks were a little below my expectations but I am sure that with a little more effort, I will do better next year."

Acknowledging that parental pressure should be checked, he says: "In my case, there has been no such pressure. Parents should know whether their child is oriented towards IIT or not. Blindly following what

Under Pressure

How students prepared for IIT, according to a recent survey of the 2015 batch by a student media body of IIT-Bombay. 254 of 875 freshmen who entered through JEE filled the survey:

More than 95% of the total respondents said they had taken coaching

Nearly 75% of the students **spent up to ₹2.5 lakh for JEE**

55% of respondents believe that their social life has been affected

26% needed counselling to help them sail through a difficult two-year period

On an average every respondent put in **at least 6 hours of study every day**

others are doing is unjustified."

Mathur feels that children should not neglect their school boards for the IIT exam. "There has to be a balance between the two. An extreme tilt towards any exam can be frustrating and depressing. There should be a system where one-year preparation in Class 12 should be enough." Stress, he says, is a natural offshoot of intense and focused preparations. "It is, therefore, essential to indulge in something that you like. I like to play the guitar and sing songs – this helps me relax."

Not the End of the World

Abha Srivastava has had a flavour of Kota for more than four years – first with her elder son and now with the younger one. "It is like a self-imposed sanyas. The first time I was alone; this time my husband is with me so life is relatively easier. Both my kids were self-motivated and there was no pressure from our side. But I have seen how parents push their kids without actually analysing their capacity."

The child's mind, she explains, is fragile at this age. "A system has to be gradually evolved where cracking the exam is not linked to coaching alone. There has to be a fine balance."

Ashok Rathore, an engineer, got a posting in Kota four years back. "It was a golden opportunity" to fulfil his daughter's desire of entering an IIT, he says. Rathore insists that it is his daughter's "dream, and we have always supported her. The child has to be self-motivated. Parental pressure of any kind will not help".

So what happens if his daughter doesn't make it? "IIT is a dream, not a final destination," says Rathore. "Parents also need to explain that IIT is not the end. There are so many who have been successful despite not having an engineering degree from IIT."

As the countdown begins for the big exam, Puru Mathur picks up his music system, clears his vocal chords and belts out *All izz well...* from Amir Khan's movie *3 Idiots*. His friends join in.

Life is much more than the three-letter word, grins Mathur. ■

The writer is a Delhi-based freelance journalist



Kota is dotted with hoardings of coaching institutes



After two years of self-exile, sacrifices, no social life and zero entertainment, many don't make it to IIT

छात्र बेकार डिग्री के जाल में न उलझे : राजन

गेटर नोएडा | हिंदी

रिजर्व बैंक के गवर्नर रघुराम राजन ने शनिवार को छात्रों को ठगने वाले स्कूलों के झांसे में न आने को कहा। उन्होंने कहा कि ये स्कूल उन्हें कर्ज में डुबो देंगे और डिग्री भी ऐसी देंगे जो किसी काम की नहीं होगी।

गेटर नोएडा में शिव नादर विश्वविद्यालय के दीक्षांत समारोह में उन्होंने कहा कि अच्छी गुणवत्ता के शोध विश्वविद्यालयों में निकट भविष्य में शिक्षा महंगी होगी। उन्होंने कहा कि सभी योग्य छात्रों के लिए डिग्री लेना सस्ता करने के प्रयास करने चाहिए। उन्होंने कहा कि इसका एक समाधान

शिक्षा ऋण है लेकिन हमें इसे लेकर सतर्क रहना चाहिए। उन्होंने कहा कि जिन छात्रों के पास साधन हैं, उनके द्वारा पूरे कर्ज का भुगतान किया जाना चाहिए। जिन छात्रों की स्थिति ठीक नहीं है या कम वेतन वाली नौकरी मिली है, उनके आंशिक कर्ज माफ किए जाने चाहिए।



यूं ही नहीं चेताया

एमबीए तो कर लिया अब?

07 फीसदी छात्र ही नौकरी पाते हैं भारतीय प्रबंधन-स्कूलों से निकलने वाले

20 शीर्ष रैंकिंग वाले संस्थान और आईआईएम ही पाते हैं तुरंत नौकरी

ग्रेनो के शिव नादर विवि में शनिवार को राजन। • हिन्दुस्तान



5500

शेष प्रबंधन स्कूलों में अधिकतर छात्र बेरोजगार निकलते हैं

● अगर नौकरी मिलती है तो 10 हजार प्रति माह या इससे कम की

इंजीनियरिंग की डिग्री का क्या?

- भारत में हर साल 15 लाख छात्र इंजीनियरिंग की डिग्री पाते हैं
- इनमें 20-30% छात्रों को नौकरी नहीं मिलती
- सिर्फ 7.49% छात्र ही 'कोर' इंजीनियरिंग की नौकरी पाते हैं

चिंता लाजमी क्यों...

- 02 साल में कैंपस प्लेसमेंट 45% घटा और वेतन भी गिरा
- 03 से पांच लाख तक औसत खर्च एमबीए की डिग्री लेने में
- 08 से दस हजार माह तक वेतन पाते हैं इन कॉलेज के छात्र

राष्ट्रपति प्रणब मुखर्जी भी कह चुके

अगर हालात नहीं बदले तो एक दिन ऐसा आएगा जब लोगों के पास डिग्रियां तो ज्यादा होंगी मगर सटीक जरूरत के हिसाब से 'मैनपावर' कम। - (18 जनवरी, 2016)

May 7

आईआईटी में पढ़ाई का रुझान बढ़ा

कानपुर | वरिष्ठ संवाददाता

22 आईआईटी में प्रवेश के लिए होने वाली जेईई एडवांस की परीक्षा में इस बार देश के अंदर युवाओं का खासा रुझान दिखा है। पिछली वर्ष की तुलना में इस बार 31041 छात्रों ने ज्यादा जेईई एडवांस परीक्षा के लिए रजिस्ट्रेशन कराया है। इससे आईआईटी में प्रवेश के लिए युवाओं का रुझान बढ़ा है। इससे आईआईटी प्रोफेसर काफी गदगद है। वहीं इस बार कानपुर जोन में भी 4218 छात्रों ने ज्यादा पंजीकरण कराया है। 22 मई को देश के अंदर जेईई एडवांस की परीक्षा होनी है।

जेईई एडवांस के लिए रजिस्ट्रेशन कराने को चार मई तक का समय था। इसमें जेईई मेन पास करने वाले लगभग दो लाख छात्र पंजीकरण कर सकते थे। ऐसे में सिर्फ 155782 छात्रों ने ही पंजीकरण कराया है। इसके बावजूद पिछली बार की तुलना में इस बार

कानपुर के नौ सेंटर में देंगे 3350 छात्र परीक्षा

आईआईटी ने जेईई एडवांस के लिए पूरा शोड्यूल और सेंटर का ब्योरा छात्रवार जारी कर दिया है। आईआईटी कानपुर को 10 शहरों का नोडल सेंटर बनाया गया है। कानपुर जोन के अंतर्गत आने वाले उत्तर प्रदेश के अंदर 06, उत्तराखंड में 01 और मध्यप्रदेश के 03 शहरों में सेंटर बनाए गए हैं। कानपुर के 09 सेंटर में 3350 छात्र 22 मई को जेईई एडवांस की परीक्षा देंगे।

आईआईटी करने वाले छात्रों की संख्या काफी ज्यादा है। इससे लेकर आईआईटी प्रशासन काफी खुश है। जेईई चेयरमैन प्रो. एसएन सिंह ने बताया कि इस बार जेईई एडवांस की परीक्षा देने के लिए देश के अंदर करीब 31041 छात्रों ने ज्यादा रजिस्ट्रेशन कराया है।