

Newspaper Clips March 15, 2016

IISc develops a powerful microscope out of a simple smart phone

TNN | Mar 14, 2016, 07.37 PM IST

<http://timesofindia.indiatimes.com/home/science/IISc-develops-a-powerful-microscope-out-of-a-simple-smart-phone/articleshow/51397235.cms>

BENGALURU: The Department of Instrumentation and Applied Physics at Indian Institute of Science (IISc) has transformed a simple smart phone into a powerful microscope by replacing the camera with high resolution optics of a microscope. With appropriate software to analyse the images seen from the microscope, the smart phone reinvents itself as a reliable malaria detection device, as well. "The diagnostics for deadly diseases like malaria involve a skilled technician to draw blood from a patient and a pathologist to determine the stage of infection if any. The elimination of the multiple stages of diagnosis replaced by a hand held instrument would be a fairy tale come true," said Dr Sai Siva Gorthi, from the department of Instrumental and Applied Physics, who had come up with this new invention.

Govt keeping tab on private colleges through a portal: HRD Minister Smriti Irani

PTI | New Delhi | Updated: March 14, 2016 2:40 pm

<http://indianexpress.com/article/education/govt-keeping-tab-on-private-colleges-through-a-portal-hrd-minister-smriti-irani/99/print/>

Seeking to keep an eye on the standards followed by private universities, government has come up with a portal where details of academic staff and other facilities are available and people can move the regulator if they find any anomaly in what is being offered.

HRD Minister Smriti Irani told Lok Sabha during Question Hour that regular inspections and interactions are held with such institutions to ensure that the standards are followed.

She said the 'know your college' portal offers details of faculty, their academic background and details like labs.

People who find anomalies in what is being offered and what is actually in place can refer this to the regulator.

Responding to supplementaries, she said UGC has come up with model syllabi to help such institutions enhance their standards.

On the issue of fees being charged by institutions of higher learning, she said all states have a 'fee committee' which ensure that exorbitant amounts are not charged.

She said the 'Svayam' application will allow students to study for degree and diploma courses free of cost. They can then appear for examinations at select centres on given dates at a nominal fee. The UGC and another body will issue them with 'credits' which they can use anywhere in India to get admissions to colleges and universities.

At present, there are 233 private universities and 123 deemed universities in the country. 88 institutions of the 123 deemed universities are privately managed.

"Till date, no private university or institutions deemed to be university have been ranked by the central government or by its agencies," she said.

Irani skirted a poser on reservation for SCs, STs and economically weaker sections in private educational institutions.

AICTE, UGC told to create supernumerary seats for differently abled: Government

PTI | Mar 14, 2016, 06.15 PM IST

<http://economictimes.indiatimes.com/industry/services/education/aicte-ugc-told-to-create-supernumerary-seats-for-differently-abled-government/articleshow/51396156.cms?>

NEW DELHI: The HRD ministry today said it has directed All India Council for Technical Education (AICTE) and University Grants Commission (UGC) to create 5 per cent supernumerary seats for the differentlyabled in all schemes of skill development. In a written reply to a question in Lok Sabha, HRD Minister Smriti Irani said her ministry has initiated provisions to assist differentlyabled students. She said that HRD ministry "has directed All India Council for Technical Education (AICTE) and University Grants Commission (UGC) to create 5 per cent supernumerary (extra) seats for differentlyabled persons in all schemes of skill development." In a written reply to another question, Irani said that a project 'Swayam' of her ministry is intended to provide Massive Open Online Courses (MOOCs) across the country. "It is proposed to roll out 500 courses before academic year 201617, and expand the same to 2,000 courses over a period of time," she said.

Controversial IIM Bill: PMO recommends autonomy, HRD Ministry disagrees

The Prime Minister's Office (PMO) recommended six changes to be implemented in the IIM Bill and the HRD Ministry expressed disagreement.

Anisha Jenyfer Solomon | March 14, 2016 5:34 PM

<http://www.prepsure.com/news/controversial-iim-bill-pmo-recommends-autonomy-hrd-ministry-disagrees/>

The controversial IIM Bill to award degrees in place of giving diploma took another interesting turn. The Prime Minister's Office (PMO) recommended six changes to be implemented in the IIM Bill and the HRD Ministry expressed disagreement, accepting only three of the recommendations to grant autonomy to IIMs.

The PMO recently suggested six changes to revise the controversial IIM Bill. The suggestions were to strengthen autonomy of prestigious IIMs. As a result, the HRD Ministry is willing to adopt only three. According to the Bill, the President can review the work of IIMs at any given time, as a 'visitor'. However, the PMO opines that this should be carried-out on the recommendations of Board of Governors (BoG). As per the original Bill, three alumni members would be posted on the BoG of each IIM. PMO has recommended for five. The Bill suggests, there would be two nominees from the central government on BoG. PMO has recommended for one. The Bill states BoG to have four renowned persons, of which there shall be at least one woman. PMO suggests that there should be at least three women members on the BoG.

The law states that the member-secretary of the coordination forum (coordinating body) of the IIMs should be an officer position of Joint Secretary. PMO has recommended an IIM Director should be the member-secretary. As per the Bill, IIMs will have to intimate the government regarding any changes in the tuition fee. PMO offered, the institute does not require to inform the government.

According to sources, the HRD Ministry has consented to incorporate three changes. It is not in favour of applying provision as per which the President would act as a 'visitor' into the working of an IIM as, IITs are also monitored similarly under the IIT Act.

AICTE WANTS ALL INSTITUTES TO BE CONVERTED INTO 'GREEN' CAMPUSES

Bangalore Mirror Bureau | Mar 14, 2016, 10.32 PM IST

<http://www.bangaloremirror.com/news/india/AICTE-wants-all-institutes-to-be-converted-into-green-campuses/articleshow/51399687.cms?prtpage=1>



Most technical colleges in the country might soon go 'green' with the All India Council for Technical Education announcing Rs 5 lakh for each college to convert their existing campus into a green one. The statutory body for technical education wants institutes to develop a masterplan for the entire campus, keeping in view the overall reduction in fossil fuel-based energy by 25 per cent in the next five years by using renewable energy applications.

"The ministry of new and renewable energy (MNRE) has taken initiatives to develop green campuses or townships under the Development of Solar Cities Programme. Up to Rs 5 lakh for preparation of a masterplan and DPR, including the action plan for renewable energy installations, green campus development, awareness generation and trainings, will be provided for each new and existing campuses," the AICTE circular says.

Institutes will have to conduct energy audit and water audit of the entire campus through registered certified professionals and the base line for the energy and water consumption should be defined. Energy-efficient measures, including street lighting system with proper control, pumping system and motors, should be adopted and reflected in the proposed master plan.

"Simply making green buildings would not create a green campus, it should be sustainable also. A green campus should follow the optimum path for land use vis-a-vis population density, vertical or horizontal growth, infrastructure including pitched roads, transport (more walkability and less use of vehicles), renewable energy use and energy conservation, and waste management and water conservation," an AICTE official said.

The master plan of a new campus should follow optimum floor area ratio, control soil erosion, and avoid contamination of air and natural water bodies. The layout plan should be such that it protects natural waterbodies and trees.

Dense planning may be preferred over dispersed layout to avoid use of excessive motorised transport and land use and unnecessary construction of infrastructure like sewerage or water lines, roads, and electricity cables, says AICTE.

"Major portion of land should be planned as green belt as per prevalent by-laws. This should include tree and water bodies' preservation, natural topography conservation and tree plantation, restoring and reuse of contaminated sites, farming of different crops, fruits and vegetables for internal use," it stipulates.

WHAT IS A GREEN CAMPUS?

According to AICTE, a green campus is a higher education community with optimum land use, environmental planning and resource management, that is, improving energy efficiency, conserving resources, enhancing environmental quality including habitat preservation, healthy living environment, use of renewable energy and management of wastes, and water recycling. The buildings within the campus should be based on green building concepts to the extent possible.

IIM-B students bag award

<http://www.thehindu.com/news/cities/bangalore/iimb-students-bag-award/article8350295.ece?css=print>

Shikhar Rajendra Sethi, Shifa Garg, Madhav S. Marda and Pulkit Aggarwal, all postgraduate students at the Indian Institute of Management-Bengaluru, have won the Asia Private Equity Investment Leveraged Buyout Case Challenge.

The event, held in Singapore, was organised by Singapore Management University and the New York School of Finance. It featured 30 teams from the world's best schools. The winning team bagged a gold medal, S\$5,000 and level 1 CAIA scholarship along with a trophy.

CEED 2015 Results: To be declared on March 19

INDIATODAY.IN NEW DELHI, MARCH 14, 2016 | UPDATED 15:29 IST

<http://indiatoday.intoday.in/education/story/ceed-2015-result/1/619549.html>

The results of the Common Entrance Examination for Design (CEED) examination will be declared on March 19 as per the official website. The exam was conducted on December 6 and earlier the results were supposed to be announced on January 15.

The answer keys for the same have been released on the official website, the link for which is www.gate.iitb.ac.in/ceed2016/.

CEED 2015 was conducted by IIT Bombay on behalf of the Ministry of Human Resources Development (MHRD), government of India. It is a qualifying examination for admission to the Master of Design (M.Des.) programmes at IISc Bangalore, IIT Bombay, IIT Delhi, IIT Guwahati, IIT Hyderabad and IIT Kanpur, and Ph.D programmes in Design at some institutes.

After the declaration of the results, CEED score cards will be made available for downloading on the official website. No hard copy of the score card will be sent to the candidates. The CEED score will be valid for one year from the date of declaration of results. The exam was conducted in two parts, part A and B on the same day. The question papers and final answer keys for part A are available on the web page.

The objective of CEED is to assess the candidates' aptitude for design involving visual perception ability, drawing skills, logical reasoning, creativity and communication skills. Qualifying in CEED does not guarantee admission in any programme. A candidate must apply to respective institutes for admission and fulfill other requirements such as tests and interviews of the respective design departments for admission.

रिसर्च के लिए IIT को फंड देगी देश, विदेश की कंपनियां

[अनुभूति विश्वाई | नई दिल्ली]

वॉचेज और ज्वैलरी बनाने वाली टाटा ग्रुप की कंपनी टाइटन चाहती है कि आईआईटी कानपुर गोल्ड की प्योरिटी मापने का एक ऐसा सिस्टम डिवेलप करे जिससे गोल्ड को कोई नुकसान न हो। कंपनी इस प्रोजेक्ट की कॉस्ट का 25 पसैंट देने के लिए तैयार है। सिनॉपसिज इंडिया ने नेक्स्ट जेनरेशन सायबर फिजिकल सिस्टम्स और इंडस्ट्रियल इंटरनेट ऑफ थिंग्स डिवेलप करने के लिए आईआईटी खड़गपुर को लगभग दो करोड़ रुपये देने का वादा किया है, जबकि ESDCON बेहतर क्षमता वाली व्हीकल और स्टोरेज बैटरीज तैयार करने वाले किसी आईआईटी को 11 करोड़ रुपये देने के लिए तैयार है।

अमेरिका की VJ टेक्नोलॉजीज महत्वपूर्ण सिविल और इंफ्रास्ट्रक्चर प्रोजेक्ट्स के लिए कोस्टल प्लानिंग की स्टडी करने के मकसद से आईआईटी भुवनेश्वर के साथ मिलकर एक सिस्टम डिवेलप करना चाहती है, जबकि इकोसेंस सस्टेनेबल सॉल्यूशंस ग्रिड फेलियर से निपटने के लिए एक e-PV डीजल जेनरेटर बनाना चाहती है। इस जेनरेटर में डीजल और फोटोवोल्टेइक कॉम्बिनेशन होगा। देश के आईआईटी को अभी तक इंडस्ट्री ने उच्चतर आविष्कार योजना (UAY) के तहत रिसर्च सॉल्यूशंस डिवेलप करने के 160 प्रोजेक्ट प्रपोजल के लिए 156 करोड़ रुपये से अधिक फंड देने का वादा किया है। UAY को 'मेक इन इंडिया' के लक्ष्यों को पूरा करने के लिए शुरू किया गया है।

टाटा ग्रुप की टाटा मोटर्स, टाटा स्टील और टीसीएस, टाइटन के अलावा यूनिलीवर, कमिंस, जीई, पर्किन एल्मर्स, ऐजवुड और आदित्य बिड़ला ग्रुप जैसी कंपनियां आईआईटी को इन प्रोजेक्ट्स में फंडिंग दे रही हैं। इसके अलावा 25 मिनिस्ट्रीज और डिपार्टमेंट्स इन इनोवेटिव रिसर्च प्रोजेक्ट्स की को-फंडिंग के लिए आगे आए हैं। UAY की शुरुआत ह्यूमन रिसोर्स डिवेलपमेंट मिनिस्ट्री ने इंडस्ट्री की जरूरतों को पूरा करने वाले इनोवेशन को बढ़ावा देने के लिए की है। इसका मकसद भारतीय मैन्युफैक्चरिंग की कॉम्पिटिशन की ताकत बढ़ाना भी है। इससे आईआईटी में रिसर्च का एक बेहतर सिस्टम तैयार करने में भी मदद मिलेगी।

Amar Ujala ND 15/03/2016 P-1

आईआईटी कानपुर के छात्र को 1.80 करोड़ का पैकेज

अमर उजाला ब्यूरो

कानपुर। आईआईटी कानपुर के 90 फीसदी छात्रों को जॉब मिल गई है। फेसबुक ने प्री प्लेसमेंट में एक करोड़ रुपये का सालाना वेतन पैकेज ऑफर किया। इस कंपनी ने चार छात्रों को जॉब दी है।

सबसे ज्यादा सालाना सैलरी पैकेज (1.80 करोड़) अरिकल ने बीटेक कंप्यूटर साइंस एंड इंजीनियरिंग के छात्र को दिया है। यह अब तक का सबसे बड़ा वेतन पैकेज है। सत्र 2014-15 में भी कंप्यूटर साइंस एंड इंजीनियरिंग के स्टूडेंट को 1.50 करोड़ रुपये का सालाना वेतन पैकेज मिला था। आईआईटी में अंतिम चरण का

- ऑटेकल ने दिया सबसे ज्यादा सैलरी पैकेज, फेसबुक ने दी सर्वश्रेष्ठ प्री प्लेसमेंट

इस बार 15 फीसदी बढ़ा कैंपस सेलेक्शन

कैंपस सेलेक्शन में पिछली बार (2014-15) की अपेक्षा इस बार (2015-16) 15 फीसदी की बढ़ोतरी हुई है। सेलेक्शन करने वाली राष्ट्रीय, बहुराष्ट्रीय कंपनियों की संख्या बढ़ी है। इस बार भी कंप्यूटर साइंस एंड इंजीनियरिंग के स्टूडेंटों को बेहतरीन वेतन पैकेज मिला है।

कैंपस सेलेक्शन चल रहा है। 31 मार्च तक कंपनियां आएंगी।

शेष पेज 13 पर

आईआईटी कानपुर के छात्र को 1.80 करोड़...

लिखित परीक्षा, ग्रुप डिस्कशन (जीडी) और पर्सनल इंटरव्यू (पीआई) के बाद स्टूडेंटों का सेलेक्शन होगा। इससे पहले करीब 250 कंपनियां आई। सबने करीब 950 स्टूडेंटों को जॉब दी है। आईआईटी के प्लेसमेंट अधिकारी प्रो. दीपू फिलिप ने बताया कि इस बार बीटेक, एमटेक, एमएससी, एमबीए, पीएचडी, एमडैस, बीटेक-एमटेक और बीएस-एमएस ड्यूल डिग्री प्रोग्राम के 1450 स्टूडेंटों ने रजिस्ट्रेशन कराया था। इसमें से 250 स्टूडेंटों ने कैंपस सेलेक्शन की प्रक्रिया से खुद को अलग कर दिया। सभी ने कहा कि पीजी एजुकेशन और रिसर्च पर फोकस करेंगे। 150 स्टूडेंटों को प्री प्लेसमेंट (पढ़ाई के बाद प्रशिक्षण, फिर जॉब) मिल गई। इस हिसाब से 1050 स्टूडेंटों का कैंपस सेलेक्शन कराया जाना था। अब तक 950 स्टूडेंटों को जॉब मिल चुकी है। जो स्टूडेंट बचे हैं, उनका सेलेक्शन करने कंपनियां आ रही हैं। बीटेक-एमटेक ड्यूल डिग्री प्रोग्राम के स्टूडेंटों की डिमांड बढ़ी है।

FRESH AVENUES

Ex-IIM gurus lend expertise to private B-schools

Industry experts believe private universities are reaching out to reputed academics to establish themselves quickly

By PRASHANT K. NANDA
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NEW DELHI

Manaswini Acharya, professor of marketing at International Management Institute, Delhi (IMI) says it's a different atmosphere in the B-school these days—there is a feeling of motivation because of a new boss at work.

"He is a hands-on director general, and gets involved in almost everything—from teaching to admission to placements," said Acharya, who is also dean, corporate relations and placements, at IMI, a business school promoted by RP-Sanjiv Goenka Group.

She is talking about Bakul Dholakia, a former director of Indian Institute of Management, Ahmedabad—a well-known figure in the academic world whose long list

of students include Reserve Bank of India governor Raghuram Rajan and author and cricket expert Harsha Bhogle.

Dholakia is among several former directors and deans of the elite IIM schools who have recently joined private institutions and corporate universities.

Devi Singh, former director of IIM Lucknow, has joined Flame University, a privately-run liberal arts and management university in Maharashtra. Roshan Lal Raina, former dean, also at IIM Lucknow, has joined as the vice-chancellor of JK Lakshmi-pat University in Jaipur.

The list is long: M.J. Xavier, founding director of IIM Ranchi, has joined Karunya University, a Christian private varsity in Tamil Nadu; Tapan Panda, the former director-in-charge of IIM Indore, has joined as dean of the school of management at BML Munjal University in Gurgaon; and Saji Gopinath, former dean at IIM Kozhikode, has joined as dean, school of management, at the upcoming Bennett University, Greater Noida.

Industry experts believe that the trend is an outcome of new private universities seeking to establish themselves quickly and are thus reaching out to reputed academics to lead their ventures. Such professionals bring value, better administration and brand name. On the other hand, ex-IIM directors and deans are driven by the challenging work, freedom in decision-making and "entrepreneurial mindset" of pri-

vate-sector universities, along with offers of better salaries or compensation.

"We are looking for people who can take up challenging jobs and set up quality institutes from the scratch. We need professionals who understand both academic and market dynamics," said Akshay Munjal, president of BML Munjal University, a Hero Group initiative. "The numbers of such persons are few and we are always on the lookout for people to fit our vision."

Devi Singh said, "I joined Flame because of their vision: to establish a quality multi-disciplinary university. The aim is not money but to do something better, or else I would not have joined."

Tapan Panda was more forthcoming. "Before joining the institute, I gave a presentation underlining my five-year plan, and they thought it right too. When an academicians' vision

and his promoters' vision match, then it becomes easier to work," said the dean at BML Munjal University. "In comparison to IIMs, decision-making is faster. There is no bureaucratic

hassle. The goals are clear and performance leads to visible appreciation." He said people who are joining private universities want to be more innovative and create new institutions that are at par with IIMs.

According to J.K. Das, director of Fore School of Management, a private business school in Delhi, ex-IIM academics joining private universities mainly fall into two categories: widely-recognized veterans of their profession and a younger lot who can be described as education entrepreneurs in search of something unique.

"At IIMs, you just have to maintain status quo. Everything is in place but in a new venture, you have to utilize your knowledge and experience to create a better environment," added Das, himself a former dean at IIM Lucknow (Noida campus).

Kalpesh Banker, managing partner, EduShine Advisory Pvt. Ltd, an education consultancy, said that when a private university or institution hires a big name from the IIM stable, it gets instant connect with its audience—the students.

"Bringing students and keeping them is key, hence good names work as instant benefits. Besides, the experience and knowledge they bring is premium," Banker said.

Do they come with a better pay package? "It's a simple demand-supply issue—if you want good people, you have to pay the premium," said Munjal.



Photo: Janki Mehta

SWITCHING JOBS

Bakul Dholakia: Director general at International Management Institute, a B-School in Delhi. He is former director of IIM Ahmedabad.

Devi Singh: Vice-chancellor at Flame University, a privately run liberal arts university in Maharashtra. He is former director of IIM Lucknow.

M.J. Xavier: Academic and administrative head at Karunya University, a Christian private university in Tamil Nadu. He is former director of IIM Ranchi.

Tapan Panda: Dean, School of Management at BML Munjal University, Gurgaon. He is former director-in-charge of IIM Indore.

JK Das: Director at Fore School of Management, New Delhi. He is former dean, IIM Lucknow (Noida Campus).

Saji Gopinath: Dean of School of Management at Bennett University, Greater Noida. He was a dean at IIM Kozhikode.

Roshan Lal Raina: Vice-chancellor at JK Lakshmi-pat University, Jaipur. He was dean (planning) at IIM Lucknow.

Education Connect – IIT Bombay celebrates 57th Foundation Day

FPJ Bureau | Mar 14, 2016 12:01 am

<http://www.freepressjournal.in/education-connect-iit-bombay-celebrates-57th-foundation-day/803318>

Indian Institute of Technology Bombay (IIT Bombay) celebrated its 57th Foundation Day last week. On the occasion, Prof. Devang Khakhar, Director, IITB spoke at length about the achievements of the Institute.



As part of the foundation day celebrations this year, the Institute felicitated Dr. Anil Kakodkar, Former Chairman, Board of Governors (BoG), IIT Bombay and Former Secretary, Department of Atomic Energy, Government of India for his leadership and vision during his stint with the Institute . The Institute also felicitated its select alumni for their achievements. Prof. Sandip Trivedi, Director of Tata Institute of Fundamental Research (TIFR) and the Chief Guest for the function gave away the various awards.

Make in India with IIT Bombay

<http://www.iitb.ac.in/en/breaking-news/make-india-iit-bombay>

-A film made by Industrial Design Centre, IIT Bombay for Pan IIT Pavilion of the "Make in India Week - Mumbai" (13th-18th Feb 2016), showcasing the research works at IIT Bombay.

Link to the video: <https://youtu.be/GquchUIVExo>