

## Newspaper Clips

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# Irani asks IIT heads to list 10 time-bound goals

## OUR BUREAU

New Delhi, June 30

Human Resource Development Minister Smriti Irani has asked IIT directors to list at least 10 goalposts that India should reach both nationally and internationally in a time-bound manner.

Irani, who met Directors and Chairmen of 16 Indian Institutes of Technology (IITs) at a retreat in Goa, also asked them to come up with strategies for making the country both manpower and teacher ready.

"A committee consisting of Directors and Chairmen of IITs has been constituted to map various disciplines with respect to their requirement for meeting national manpower goals," an HRD Ministry release said here on Monday.

The HRD Minister also asked IITs, a group of autonomous engineering and management institutes, to develop a framework on ranking with a view to rank institutions world over according to the thrust areas for developing countries. She said there was a

*More research and innovation, industry-academia collaborations, online courses, and a framework for a ranking system were discussed.*

need to redefine the discourse on ranking so as to serve developmental needs of the nation.

The interaction also focused on issues related to deepening research and technological innovation for meeting national development agenda, enhancing industry-academia collaborations, expanding Massive Open Online Courses, framework on ranking system that reflect national concerns and leveraging alumni networks.

Irani also said that students in the North-Eastern States need to be exposed to the best of institutions, such as IITs. "The Director at IIT Guwahati will coordinate efforts in this direction and submit a report by the middle of August," the release added.

Pioneer ND 1/07/2014 P-5

# 'Taskmaster' Irani outlines her agenda to IITs

PNS ■ NEW DELHI

Union HRD Minister Smriti Irani on Monday asked the Directors and Chairmen of Indian Institutes of Technology (IITs) to come up with strategies for readying the country both with manpower and quality teachers.

Simultaneously, Irani continued with the Centre's efforts in bringing students of North Eastern States to the mainstream education of the country. She asked the IITs to develop a special programme for NE students and emphasised that the students in these States need to be exposed to the best of the institutions in different parts of the country.

By putting the plan into action, the Ministry nominated IIT Guwahati Director to coordinate the efforts in this regard and submit a report by the middle of August.

At a Retreat with Directors and Chairmen of 16 IITs in Goa, Irani said they needed to come up with at least ten goalposts that India should reach both

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- At a Retreat with Directors and Chairmen of 16 IITs in Goa, Irani said they needed to come up with at least ten goalposts that India should reach both nationally and internationally in a time-bound manner

- She also asked IITs to develop a framework for rankings with a view to rank institutions world over as per the thrust areas for developing countries.

- Irani informed IITs Directors and Chairmen that the Government planned to come up with a National Innovation Policy



that would reflect national concerns and leveraging alumni networks.

The Union Minister also highlighted the need to develop quality faculty not only for new IITs, IIMs, IISERs but also other institutions in the country. She asked the Directors of IIT-Kharagpur and IIT-Kanpur to come up with a National Initiative on summer/winter lectures by best of the foreign and the national faculty.

Irani informed IITs Directors and Chairmen that the Government planned to come up with a National Innovation Policy. She asked IITs to suggest curriculum changes at the school level so as not only to align with higher education institutions but also to help in setting up innovation laboratory at district level throughout the country with a view to infuse a culture of research and innovation among students. She asked the IITs to help set up Centers of Excellence in Central Universities.

nationally and internationally in a time-bound manner. A committee consisting of Directors and Chairmen of IITs has been constituted to map various disciplines with respect to their requirement for meeting national manpower goals.

She also asked IITs to develop a framework for rankings with a view to rank institutions world over as per the thrust areas for developing countries. She pointed that

there was a need to redefine the discourse on ranking so as to serve developmental needs of the nation.

The interaction was focused on issues related to augmenting Research & Technological Innovation for meeting national development agenda, enhancing Industry-Academia collaborations, expanding Massive Open Online Courses (MOOCs), framework on Ranking System

Deccan Herald ND 1/07/2014 P-7

## IITs' help sought to improve school curricula

### HRD ministry's move will help in aligning with higher institutes

**NEW DELHI:** Amid concerns over poor quality of education at the primary and secondary levels, the HRD Ministry has asked Indian Institutes of Technology (IITs) to suggest changes that can be brought in the school curricula to improve learning outcomes.

This came at a meeting held by HRD Minister Smriti Irani with directors and chairmen of premier technical institutes in

Goa on Sunday.

"She asked IITs to suggest curriculum changes at the school level so as to not only align with higher educational institutions but also to help in setting up innovation labs at the district level throughout the country with a view to infuse a culture of research and innovation among students," the ministry said in a statement.

The HRD minister also en-

gaged IITs in formulating a framework to evolve India's own system of ranking its higher educational institutions along with those operating in developing countries, with Prime Minister Narendra Modi recently favouring creation of such a mechanism in consultation with Saarc countries.

"The minister asked IITs to develop a framework on ranking with a view to rank institutions world over as per the thrust areas for developing countries. Ms Irani said that there was a need to redefine the discourse on ranking so as

to serve developmental needs of the nation," it said.

At the meeting, Irani highlighted the need to develop quality faculty not only for new IITs but also Indian Institutes of Management (IIMs) and other institutions operating in the country, asking the heads of premier technical institutes to come up with strategies for making the country "both manpower ready and teacher ready".

She asked the directors of IIT-Kharagpur and IIT-Kanpur to organise programmes at the national level so as to benefit

teachers and other stakeholders with lectures by the "best of the foreign and national faculties". The minister also stressed on the need to promote research and technological innovations for meeting "national development agenda". She sought the IITs' help in enhancing industry-academia collaborations.

"She said that IITs needed to come up with at least 10 goalposts that India should reach both nationally and internationally in a time-bound manner," the ministry said.

A committee consisting of

directors and chairmen of IITs was constituted to map various disciplines with respect to their requirement for meeting "national manpower goals", it added.

Irani also asked IITs to develop a special programme for students of north-eastern states, underlining that they need to be exposed to the best of institutions in different parts of the country. "IIT-Guwahati director will coordinate efforts in this direction and submit a report by the middle of August," the ministry said.

**DH News Service**

Tribune ND 1/07/2014 P-18

# National innovation policy on cards

**TRIBUNE NEWS SERVICE**

**NEW DELHI, JUNE 30**

HRD Minister Smriti Irani in her first meeting with chiefs of the IITs today asked them to suggest changes to school curricula that will give impetus to research and innovation. She called for these suggestions while announcing that the government plans to formulate a national innovation policy which aimed at creating innovation clubs at school and college levels.

Smriti discussed these issues with chairmen and directors of 16 IITs, India's premiere technical colleges, at a retreat in Goa today.

Another major issue flagged at the meeting was the need for India to develop its own ranking systems to reflect the



“We need strategies for making the country both manpower ready and teacher ready. The government, under the national innovation policy, will set up innovation labs at district levels throughout the country.”

**Smriti Irani, HRD MINISTER**

realities of the developing world. Close on the heels of PM Narendra Modi calling for India's own ranking system, which could then be expanded to include developing countries, the HRD Minister today urged the directors of IITs to come up with a national ranking system. “We need strategies for making the country both manpower ready and teacher ready,” she told the assembled delegates. They also discussed the issues — deepening of research and

technological innovation for meeting the national development agenda, enhancing industry-academia collaborations, expanding Massive Open Online Courses and developing framework for a ranking system reflecting national concerns.

A committee comprising directors and chairmen of IITs was later constituted to map various disciplines with respect to their requirement for meeting national manpower goals.

# भारत को विश्व मंच पर स्थापित करने के लिए आईआईटी 10 लक्ष्य तय करे

नई दिल्ली, (वार्ता): मानव संसाधन विकास मंत्री स्मृति ईरानी ने उच्च शिक्षा में गुणवत्ता को बढ़ावा देने के लिए देश के सभी भारतीय प्रौद्योगिकी संस्थान (आईआईटी) को अपने यहां शिक्षकों तथा कर्मचारियों की भर्ती करने का निर्देश देते हुए भारत को विश्वमंच पर स्थापित करने वास्ते उन्हें 'दस लक्ष्य' भी निर्धारित



कराने को कहा है। श्रीमती ईरानी ने यह भी कहा है कि सरकार जल्द ही राष्ट्रीय 'नवोनमेष नीति' नेशनल इनोवेशन पालिसी बनायेगी। उन्होंने इसके लिए आईआईटी से स्कूलों में पाठ्यक्रम बदलने के वास्ते सुझाव भी पेश करने को कहा है। श्रीमती

ईरानी ने गोवा में देश के 16 आईआईटी के निदेशकों तथा अध्यक्षों की बैठक को संबोधित करते हुए ये निर्देश दिए। यह बैठक उच्च शिक्षा में औद्योगिक जगत तथा शिक्षण जगत के संबंधों को मजबूत बनाने रैकिंग प्रणाली को ठीक करने आदि के लिए बुलायी गयी थी। शिक्षकों तथा कर्मचारियों की कमी दूर

करने के लिए आईआईटी के निदेशक तथा अध्यक्षों की एक समिति गठित की गयी है। उन्होंने आईआईटी से यह भी कहा है कि वे हर केन्द्रीय विश्वविद्यालयों में एक 'प्रतिभा केंद्र' स्थापित करने में भी मदद करें।

बैठक

भारत को विश्व मंच पर स्थापित करने की कवायद

# आईआईटी तय करें दस लक्ष्य-स्मृति

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मानव संसाधन विकास मंत्री स्मृति ईरानी ने उच्च शिक्षा में गुणवत्ता को बढ़ावा देने के लिए देश के सभी भारतीय प्रौद्योगिकी संस्थान (आईआईटी) को अपने यहां शिक्षकों तथा कर्मचारियों की भर्ती का निर्देश देते हुए भारत को विश्व मंच पर स्थापित करने वास्ते उन्हें दस लक्ष्य भी निर्धारित करने को कहा है।

ईरानी ने यह भी कहा कि सरकार जल्द ही राष्ट्रीय नवोन्मेष नीति बनाएगी। उन्होंने इसके लिए आईआईटी से स्कूलों में पाठ्यक्रम

बदलने के वास्ते सुझाव भी पेश करने को कहा। ईरानी ने गोवा में देश के 16 आईआईटी के निदेशकों तथा अध्यक्षों की बैठक में ये निर्देश दिए। बैठक उच्च शिक्षा में औद्योगिक जगत तथा शिक्षण जगत के संबंधों को मजबूत बनाने रैंकिंग प्रणाली ठीक करने आदि के लिए बुलाई थी। शिक्षकों तथा कर्मचारियों की कमी दूर करने के लिए आईआईटी के निदेशक तथा अध्यक्षों की समिति गठित की गई है। उन्होंने आईआईटी से यह भी कहा कि वे हर केन्द्रीय विश्वविद्यालयों में एक प्रतिमा केंद्र स्थापित करने में भी मदद करें।

ईरानी ने कहा कि न केवल नए आईआईटी बल्कि भारतीय विज्ञान संस्थान आईआईएम और अन्य संस्थानों में भी अच्छे शिक्षकों की

जरूरत है। इसके लिए सभी आईआईटी के निदेशक तथा अध्यक्ष अपने यहां शिक्षकों तथा कर्मचारियों की नियुक्ति की योजना बनाएं।

ईरानी ने खड़गपुर आईआईटी तथा कानपुर आईआईटी के निदेशकों को यह भी कहा कि वे गर्मी तथा जाड़े में विदेशों तथा देश के प्रमुख शिक्षकों से शिक्षकों के व्याख्यान देने की योजना बनाएं। उन्होंने कहा कि देश में शोध एवं नवोन्मेष को बढ़ावा देने के लिए जिलास्तर पर प्रयोगशालाएं की जाएंगी।

उन्होंने विश्व में रैंकिंग निर्धारित करने के लिए आईआईटी से कहा कि वह इस संबंध में फेसवर्क तैयार करें जिनमें विकासशील देशों के शैक्षणिक संस्थानों की रैंकिंग पर जोर दिया जा सके। उन्होंने कहा कि

## राष्ट्रपति भवन में अभिनव शोधार्थी

नई दिल्ली. राष्ट्रपति भवन ने देश के उन पांच अभिनव शोधार्थियों को अपने यहां बीस दिन के प्रवास के लिए आमंत्रित किया है जिन्होंने योजना काम में आने वाले नए वैज्ञानिक उपकरण बनाए हैं। ये शोधार्थी कल से 20 जुलाई तक राष्ट्रपति भवन में रहेंगे। राष्ट्रपति प्रणब मुखर्जी ने 11 दिसम्बर 2013 को यह योजना शुरू की थी जिसके तहत नवोन्मेष स्कालरों को राष्ट्रपति

भवन में ठहरने की सुविधा प्रदान की गई है जो नए तरह के उपकरण बनाने हैं। इन पांच शोधार्थियों में गुस्मैल सिंह धोन्सी, धर्मवीर कम्बोज, मनीषा मोहन, एमबी अविनाश तथा टेनिथ आदित्य शामिल हैं। ये शोधार्थी उपकरणों का प्रदर्शन करेंगे तथा शोध संस्थानों एवं संबद्ध मंत्रालय के लोगों से मिलेंगे ताकि वे उत्पाद के लिए बाजार तलाश सकें और उसका प्रचार-प्रसार कर सकें।

रैंकिंग की परिभाषा तथा जरूरत भी बदलने की जरूरत है ताकि देश की विकास संबंधी जरूरतों को पूरा किया जा सकेगा। ईरानी ने दुनियाभर में फैले आईआईटी के पूर्व छात्रों को

जोड़ने तथा राष्ट्रनिर्माण एवं विकास में उनकी भूमिका के लिए आईआईटी के निदेशकों तथा अध्यक्षों के एक समूह को आगे आने को कहा है।

Hindustan ND 1/07/2014 P-7

## आईआईटी के पूर्व छात्रों का इस्तेमाल हित में करें

नई दिल्ली | विशेष संवाददाता

केंद्र सरकार देश के विकास के लिए आईआईटी के पूर्व छात्रों की मदद लेने की योजना पर कार्य शुरू करने जा रही है। मानव संसाधन विकास मंत्री स्मृति

ईरानी ने इसी कड़ी में सोमवार को आईआईटी निदेशकों से कहा है कि वे अपने पूर्व छात्रों का ब्यौरा एकत्र करें और कार्ययोजना बनाएं कि कैसे आईआईटी के पूर्व छात्रों का इस्तेमाल देश के विकास के लिए किया जा सकता है।

ईरानी ने मंत्री का कार्यभार संभालने के बाद पहली बार सोमवार को सभी 16 आईआईटी निदेशकों के साथ गोवा में मुलाकात की। इस दौरान उन्होंने आईआईटी के निदेशकों को कई सुझाव दिए और उनके विचार भी सुने।

### तीन सुझाव दिए

1- स्कूल पाठ्यक्रम तैयार करने में मदद करें- ईरानी ने कहा कि आईआईटी निदेशक नेशनल करिकुलम तैयार करने में मदद करें। इसे न सिर्फ उच्च शिक्षा के साथ जोड़े जाने की जरूरत है बल्कि साथ में जिला स्तर पर इन्वेंशन लैब भी स्थापित की जानी चाहिए। उन्होंने कहा कि आईआईटी

स्कूल से लेकर उच्च स्तर तक के लिए इन्वेंशन नीति बनाएं।

2- बेहतर न फेकट्टी-केंद्रीय मंत्री ने आईआईटी निदेशकों से कहा कि वे देश-दुनिया के बेहतर शिक्षकों को बुलाकर समर और विंटर लेक्चर आयोजित करें। ताकि आईआईटी और अन्य केंद्रीय तकनीकी शिक्षण संस्थानों में फेकट्टी की कमी दूर करने की राह खुल सके।

3- पूर्वोत्तर के छात्र के लिए विशेष कार्यक्रम - स्मृति ईरानी ने आईआईटी निदेशकों से कहा कि वे पूर्वोत्तर के छात्रों के लिए विशेष कार्यक्रम चलाएं जिससे वे आईआईटी या अन्य उच्च शैक्षणिक संस्थानों में एडमिशन लेने में सफल हो सकें। आईआईटी गुवाहाटी के निदेशक के नेतृत्व में एक टीम पूर्वोत्तर के बच्चों के लिए विशेष कार्य योजना तैयार करेगी।

Sha Times ND 01 July 2014

## भारत को विश्व मंच पर स्थापित करने की कवायद

# आईआईटी को लक्ष्य सौंपे

नई दिल्ली। मानव संसाधन विकास मंत्री स्मृति ईरानी ने उच्च शिक्षा में गुणवत्ता को बढ़ावा देने के लिए देश के सभी भारतीय प्रौद्योगिकी संस्थान (आईआईटी) को शिक्षकों तथा कर्मचारियों की भर्ती करने का निर्देश देते हुए भारत को विश्वमंच पर स्थापित करने वास्ते उन्हें दस लक्ष्य भी निर्धारित कराने को कहा है।

श्रीमती ईरानी ने यह भी कहा है कि सरकार जल्द ही 'राष्ट्रीय नवान्वेष नीति' नेशनल इनोवेशन पॉलिसी बनाएगी। उन्होंने इसके लिए आईआईटी से स्कूलों में पाठ्यक्रम बदलने के वास्ते सुझाव भी पेश करने को कहा है। श्रीमती ईरानी ने गोवा में देश के 16 आईआईटी के निदेशकों तथा अध्यक्षों की बैठक को संबोधित करते हुए यह निर्देश दिए। यह बैठक उच्च शिक्षा में औद्योगिक जगत तथा



केवल नए आईआईटी ही नहीं बल्कि आईआईएम व अन्य संस्थानों में भी अच्छे शिक्षकों की जरूरत है, सभी निदेशक तथा अध्यक्ष शिक्षकों तथा कर्मचारियों की नियुक्ति करने की योजना बनाएं-

मानव संसाधन विकास मंत्री  
स्मृति ईरानी

शिक्षण जगत के संबंधों को मजबूत बनाने, रैंकिंग प्रणाली को ठीक करने आदि के लिए बुलाई गई थी। शिक्षकों तथा कर्मचारियों की कमी पूर करने के लिए आईआईटी के निदेशक तथा अध्यक्षों की एक समिति भी गठित की गई है। उन्होंने आईआईटी से यह भी कहा है कि वे हर केंद्रीय विश्वविद्यालयों में एक प्रतिमा केंद्र स्थापित करने में भी मदद करें। श्रीमती ईरानी ने कहा कि न केवल नए

आईआईटी, बल्कि भारतीय विज्ञान संस्थान आईआईएम और अन्य संस्थानों में भी अच्छे शिक्षकों की जरूरत है। इसके लिए सभी आईआईटी के निदेशक तथा अध्यक्ष अपने यहां शिक्षकों तथा कर्मचारियों की नियुक्ति करने की योजना बनाएं। श्रीमती ईरानी ने खडगपुर आईआईटी तथा कानपुर आईआईटी के निदेशकों को यह भी कहा कि वे गर्मी तथा जाड़े में विदेशों तथा देश के प्रमुख शिक्षकों

से शिक्षकों के व्याख्यान देने की योजना बनाएं। उन्होंने कहा कि देश में शोध एवं नवोन्मेष को बढ़ावा देने के लिए जिलास्तर पर नवोलोचन प्रयोगशालाएं की जाएंगी। उन्होंने विश्व में रैंकिंग निर्धारित करने के लिए आईआईटी से कहा कि वह इस संबंध में एक फेसवर्क तैयार करें, जिनमें विकासशील देशों के शैक्षणिक संस्थानों की रैंकिंग पर जोर दिया जा सके। उन्होंने कहा कि रैंकिंग की परिभाषा तथा जरूरत भी बदलने की जरूरत है, ताकि देश की विकास संबंधी जरूरतों को पूरा किया जा सकेगा। श्रीमती ईरानी ने दुनियाभर में फैले आईआईटी के पूर्व छात्रों को जोड़ने तथा राष्ट्रनिर्माण एवं विकास में उनकी भूमिका के लिए आईआईटी के निदेशकों तथा अध्यक्षों के एक समूह को आगे आने को कहा है।

# IIT-B GETS ENTREPRENEURIAL

**CURRICULUM** Top B school starts 15 entrepreneurship courses

Apoorva Puranik

In a first for the Indian Institutes of Technology (IITs), students at IIT Bombay will be able to take up a minor course in entrepreneurship along with their Bachelor of Technology (B.Tech) major for hands on experience in entrepreneurship and sustaining start-ups.

Currently, IITs offer minor programmes in subjects like physics, environmental sciences, bio sciences etc.

The institute has received a grant to the tune of 1 million dollars in February for this 'Centre for Entrepreneurship' from Bharat Desai, founder of Syntel and alumna of the batch of 1975 at IIT B.

Through this centre, a curriculum has been built to touch upon different aspects of start-ups such as the marketing, analysis, pricing, product development etc.

A basket of 15 courses in entrepreneurship will be offered to third semester and onward students at the institute and will constitute 60 credits.

"We found that many students are keen on becoming entrepreneurs with emerging opportunities in the sector. However, despite having the technology and the idea for a product or service for the start-up, they often lack the skills like communication, marketing, leadership etc. which they are not exposed to during the undergraduate level," said Milind Atray, co-convenor of the cell.

Students at the institute have welcomed this center are eagerly waiting for July, which is when the first programme will be held. "An alumna from IITB, Raj Jaswa who works in Silicon Valley will be coming in for the lectures. It will be great learning from



■ IIT Bombay has received a grant to the tune of 1 million dollars in February for this 'Centre for Entrepreneurship' from Bharat Desai HT

him and will definitely help us in ideating better," Soham Chowdhary, a second year student at IITB said.

By the seventh semester, a business plan and conceptualisation of an idea for the product will have to be submitted as part of the course. A 'Proof of Concept Lab' shall be available for validation of those product and service ideas, Atray added. While the institute has a start-up incubation center, Society for Innovation and Entrepreneurship, the course will help students learn the start-up trade from the undergraduate level

## HONING YOUR ENTREPRENEURIAL SKILLS

- The Centre for Entrepreneurship will begin its first course in July.
- For the current academic year, the institute is looking to enroll a batch of 40 to 50 students and later expand, depending on the response.
- The course will require completing 60 credits after which the students will be awarded a Bachelor of Technology (Major) and Entrepreneurship (Minor)

- As of now, the course will be available for IIT students, but authorities say that they might soon make it available for students from other institutes as well, the details of which are under process.
- The programme will incorporate courses like finance, leadership, intellectual property rights, marketing etc. Students will be able to choose 3 to 4 courses out of the 15 available

# Washington Univ Partners IITB for E-MBA Degree

The programme will be modelled on WUSTL's executive MBA degree in China and the US

**RIKA BHATTACHARYYA**  
MUMBAI

Washington University in St Louis (WUSTL) and the Indian Institute of Technology Bombay (IITB) have jointly launched a combined US-India joint executive MBA degree programme. The new programme, which will confer a joint MBA degree, will be modelled after WUSTL's executive MBA in China and the US. "This is our first joint degree programme that we have in Washington University and conveys our commitment to partnership and confidence in IIT Bombay," Mark S Wrighton, chancellor of

Washington University told ET in an exclusive interaction on Monday. "We expect enrolment from companies that are based outside India and the ones that are based in India. That development of network of business professionals will be valuable for those who enroll," he said.

"Back home in the US I have spoken to a lot of companies that have operations in India and I have had the chance to speak to the CEOs of three important St Louis-headquartered companies, including Emerson, which has 10,000 employees or more in India, Monsanto and Sigma Aldrich and each of those companies has committed to having one or two employees in their first cohort of students in this joint E-MBA programme," said Wrighton.

The partnership will also enable IIT Bombay to connect with a large number of businesses in many sectors, other than technology, and complement their ongoing activities of industry academia linkages.

"At IIT Bombay, we see this as a great interface to industry. We already have strong con-

## BUSINESS CONNECT

We have strong connections with industry on the tech side; this way we will get an opportunity to connect on the business side

**DEVANG V KHAKHAR**

Director, IIT Bombay

nections with the industry on the technology side; this way we will get an opportunity to connect on the business side, too," said Devang V Khakhar, director, IIT Bombay.

Classes will be held in the IIT Bombay campus and taught by faculty from WUSTL's Olin Business School and IIT Bombay's Shailesh J Mehta School of Management. The programme will be of 18-month duration and classes will be offered four days a month. It

will end with a two-week exposure at the Washington University. The first session of the programme will commence from early 2015. The tuition fees will be \$55,000-\$60,000, which is 50% less than its current cost in the US. "The curriculum will draw upon the expertise of not just the two business schools but also of IIT Bombay and Washington University," said Mahendra Gupta, the Indian origin dean of WUSTL's Olin Business School.

"There are two countries that are going to have a major economic impact on the world, in addition to the existing leaders in the western hemisphere, that is China and India," Gupta said. The programme is meant for professionals with at least seven years of experience. "Our executives will be representing all sectors including women in such a way that we will be able to open the door not only for corporate leaders but also in the fields of social entrepreneurship, CSR, policy perspectives, government leaders, bureaucrats, and NGOs," said S Bhargava, head of SJSMSOM.

## स्मृति ने दिए थे डीयू में सीधे दखल के आदेश

नई दिल्ली : डीयू में चार वर्षीय पाठ्यक्रम को बंद करवाने का फैसला यूजीसी ने अपने स्तर पर नहीं लिया। इस मामले में केंद्रीय मानव संसाधन विकास मंत्री स्मृति ईरानी ने लिखित आदेश जारी किए थे। ईरानी जहां ऐसा आदेश जारी कर रही थीं, वहीं सार्वजनिक तौर पर विश्वविद्यालय की स्वायत्तता की हिमायत करती रहीं। विस्तृत खबर पृष्ठ >> 3

# स्मृति ने दिए थे डीयू में सीधे दखल के आदेश

मुकेश केजरीवाल, नई दिल्ली

दिल्ली विश्वविद्यालय (डीयू) में चार वर्षीय पाठ्यक्रम को बंद करवाने का फैसला विश्वविद्यालय अनुदान आयोग (यूजीसी) ने अपने स्तर पर नहीं लिया। इस मामले में बकायदा केंद्रीय मानव संसाधन विकास मंत्री स्मृति ईरानी ने लिखित आदेश जारी किए थे। यह आदेश उन्होंने यूजीसी कानून में केंद्र सरकार को दिए आपातकालीन अधिकार 20 (1) के तहत दिए थे। ईरानी एक तरफ जहां ऐसा आदेश जारी कर रही थीं, वहीं सार्वजनिक तौर पर पूछे जाने पर विश्वविद्यालय की स्वायत्तता की हिमायत करती रहीं।

'दैनिक जागरण' के पास उपलब्ध दस्तावेजों के मुताबिक मानव संसाधन विकास मंत्रालय ने 20 जून को ही यह आदेश जारी कर दिया था। इसमें यूजीसी को साफ तौर पर कहा गया था कि वह डीयू को न सिर्फ जरूरी निर्देश जारी करे, बल्कि इसे सुनिश्चित करवाने के लिए जरूरी हर मुमकिन कदम उठाए। यूजीसी एक्ट की धारा 20 (1) केंद्र सरकार को यह अधिकार देती है कि वह राष्ट्रीय उद्देश्य में आयोग को आदेश जारी कर सकती है। 2010 में जवाहर लाल नेहरू विश्वविद्यालय में आरक्षण संबंधी प्रावधानों के पालन को लेकर केंद्र



अहमदाबाद में सोमवार को जगन्नाथ मंदिर में पूजा करती केंद्रीय मानव संसाधन विकास मंत्री स्मृति ईरानी।

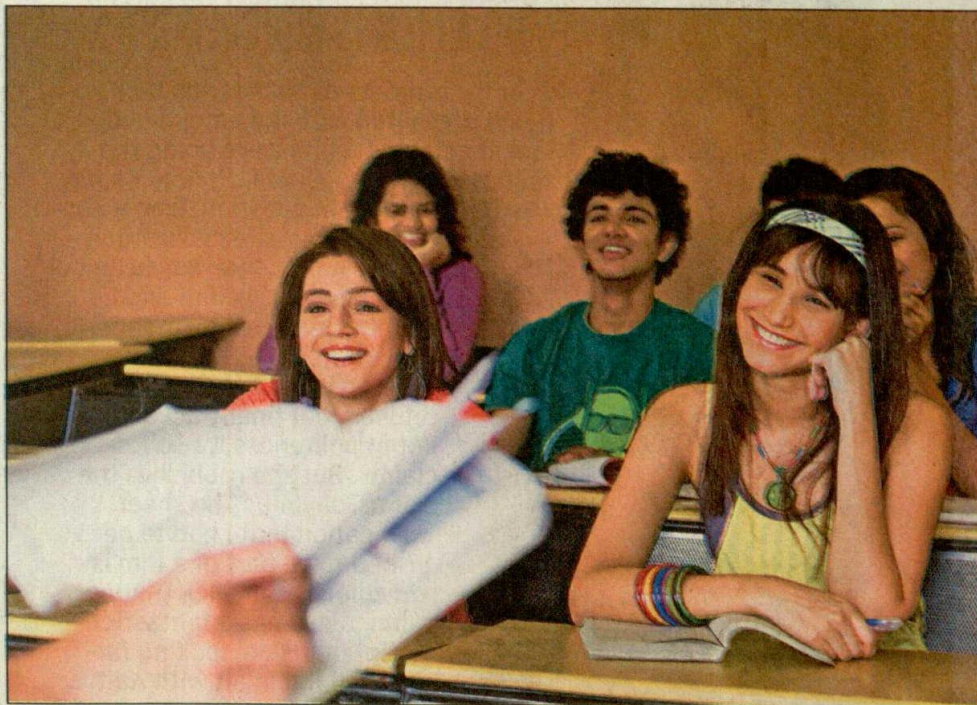
प्रेट

सरकार ने इसी धारा के तहत यूजीसी को आदेश जारी किए थे। ईरानी की ओर से जारी किए गए इस आदेश का ही असर था कि ठीक उसी दिन यूजीसी ने अपने एक साल से चले आ रहे रुख से पलटते हुए एकदम से दिल्ली विश्वविद्यालय को चार वर्षीय पाठ्यक्रम तुरंत बंद कर देने के आदेश जारी कर दिए थे। लेकिन इस दौरान ईरानी और उनके मंत्रालय ने पूरी तरह चुप्पी साधे रखी। इतना विवाद होने के बावजूद मंत्रालय की ओर से कोई बयान जारी नहीं किया

गया। इस मामले में मंत्री ने एक बार ट्वीट किया। अपने आपातकालीन अधिकार का उपयोग करते हुए आदेश जारी करने के पूरे एक सप्ताह बाद किए गए इस ट्वीट में भी उन्होंने इस बारे में कुछ बताने की बजाय उल्टा संस्थानों की स्वायत्तता की बात की। इसी तरह छात्रों को लगातार हो रही समस्या के मद्देनजर जब मीडिया ने उनसे सवाल पूछे तो उल्टा यही कहा कि मीडिया बोलने के लिए मजबूर कर रहा है, जो संविधान के खिलाफ होगा।



# Now see your GMAT score before accepting



■ GMAT test takers are given the option of reporting or cancelling their scores immediately after taking the test and before leaving the test centre

PHOTO FOR REPRESENTATION

## Vanita Srivastava

Prospective business students taking the Graduate Management Admission Test (GMAT) exam will now be able to preview their unofficial scores before deciding whether to report or cancel them, the Graduate Management Admission Council announced on Wednesday.

The score reporting feature is available to all test takers and will take effect at approximately 600 test centers around the world that administer the GMAT exam beginning on Friday, June 27, 2014.

"The new score reporting feature gives test takers more certainty and control in the testing process and in how their scores are reported to schools. GMAC is committed to helping schools and students connect, and we believe this change, by making the testing experience easier, will be a part of strengthening those connections," said Ashok Sarathy, GMAC vice president, product management.

"I think it is a very good introduction and would be extremely beneficial to students," says Aditi who took the GMAT test.

Test takers are given the option of reporting or canceling their scores immediately after taking the test and before leaving the test center.

Under the new process, test takers will see their unofficial scores — Integrated Reasoning, Quantitative Reasoning, Verbal Reasoning and Total — and will be given two minutes to decide whether to accept them. If they do not make a choice, their scores will be canceled.

In addition, test takers who decide to cancel scores at the test center will be able to reinstate them within 60 days of the test date for a \$100 fee. After that, scores will not be retrievable.

The Graduate Management Admission Council, a nonprofit association of business schools, administers the test for use in admissions by more than 6,100 graduate business and management programs around the world cancel their scores.

HT.COM ND 01 JULY 2014 P-12

# Nasa tests 'saucer' for Mars missions

Asian News International

**N**asa has recently tested an effective saucer shaped vehicle technology that could be used for future mars missions.

The \$150 million experimental flight was designed to deliver heavier spacecraft and eventually astronauts with a novel vehicle and a giant parachute, News.com. au reported.

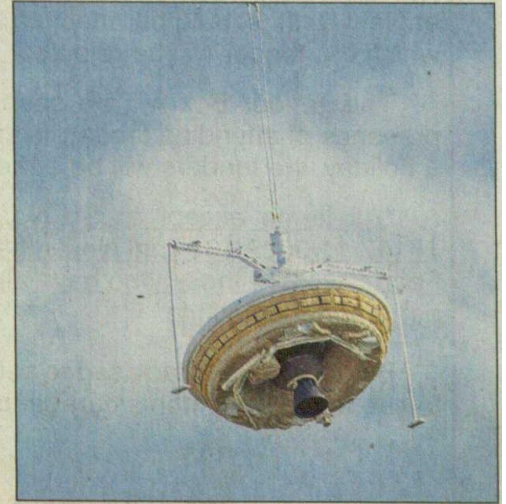
Since the twin Viking spacecraft landed on the red planet in 1976, Nasa has relied on the same parachute design to slow landers and rovers after piercing through the thin Martian atmosphere. A novel inflatable shield to burn off speed worked but the test fell apart when a massive parachute, intended to guide the saucer to a splashdown in the ocean, failed to inflate properly.

Nasa reckoned the mission a success

**THE \$150 MILLION EXPERIMENTAL FLIGHT WAS DESIGNED TO DELIVER HEAVIER SPACECRAFT AND ASTRONAUTS WITH A NOVEL VEHICLE AND A GIANT PARACHUTE**

despite experiencing small problems like the giant parachute not deploying fully.

After taking off at the Pacific Missile Range Facility on the Hawaiian island of Kauai, the balloon boosted the disc-shaped vehicle over the Pacific and its rocket motor then ignited, carrying the vehicle to 55km high at supersonic speeds. Mark Adler of the Nasa Jet Propulsion Laboratory said that they wanted to test it here where it's cheaper before they could send it to Mars to make sure that it's going to work there.



■ A saucer-shaped test vehicle, holding equipment for landing payloads on Mars, is lifted by a high altitude balloon REUTERS

# Nasa's satellite to track carbon

By Kenneth Chang

On an average day, some 100 million tons of carbon dioxide is liberated from oil and coal by combustion, wafting into the air. The gas traps heat in the atmosphere, resulting in the gradual warming that has alarmed scientists and much of the public. But only half of the carbon dioxide stays up there; the other half falls back to earth. While scientists know what happens to half of that half — it dissolves into the oceans — the rest is a continuing puzzle. It is taken up by growing plants, but nobody knows exactly where and how. "Somewhere on earth, on land, one-quarter of all our carbon emissions released through fossil fuel emissions is disappearing," said David Crisp, a senior research scientist at Nasa's Jet Propulsion Laboratory. "We can't identify the processes responsible for this. Wouldn't it be nice to know where?"

Now Nasa is launching a satellite to help solve the puzzle. The satellite, the Orbiting Carbon Observatory-2, is scheduled to lift off Tuesday morning from Vandenberg Air Force Base in California. Passing over the North and South Poles at an altitude of 438 miles, it will observe the same spots every 16 days as the earth rotates beneath.

These repeated measurements will allow scientists to observe the rise and fall of carbon dioxide with the seasons. They may also figure out how the balance changes with droughts or floods. That should give them a better idea of whether the oceans and land plants will continue to absorb half of the carbon dioxide emissions as in the past or whether any of these so-called carbon sinks are close to overflowing, leaving even more gas in the air.

## Fuel emissions

In particular, scientists do not understand how plants have kept pace with fossil fuel emissions that have nearly tripled since 1960. "Have you seen a new rain forest spring out of nowhere that wasn't there before?" asked Dr. Crisp, the leader of the science team for the mission. "No." The orbiting observatory carries a single instrument, to measure colors of sunlight bouncing off the earth. The relative intensity of the colors will tell how much carbon dioxide the light beam passed through, and the spacecraft will take a million measurements a day.

Because of intervening clouds, only a tenth of the measurements — about 100,000 a day — will prove use-

ful data. Still, that will dwarf what 150 carbon dioxide measuring stations on the ground are able to provide. A Japanese satellite is making similar measurements, but with less precision.

An earlier Orbiting Carbon Observatory mission failed in 2009, when the clamshell nose cone surrounding the spacecraft did not open and the satellite splashed into the ocean a few minutes after liftoff — a \$273 million loss. "That was a heartbreak, utter devastation," said Ralph R Basilio, the project manager for the current mission.

At the end of 2009, the Obama administration decided to build a nearly identical satellite scheduled for launch in February 2013. But those plans were disrupted when the same launch failure that had doomed the first mission occurred again, destroying another NASA satellite, the Glory mission, in 2011.

The space agency then decided to switch rockets, putting the new satellite on a Delta 2 rocket, which has long history of successful launches. The switch delayed the launching date, and the bigger Delta 2 added to the cost — which totaled \$467.5 million this time. The cost also includes an extra copy of the carbon dioxide measuring instrument, which was built to ensure against delays if problems arose during testing. That extra instrument may be flown to the International Space Station to provide another set of observations.

Levels of carbon dioxide in the air have jumped 40 percent since the start of the Industrial Revolution, but the amount is still tiny: Of every million molecules of air, just 400 are carbon dioxide. Over a power plant or a city where emissions are higher, that number rises by perhaps one molecule per million. A field of corn stalks at the height of growing season might reduce the number by a similar amount.

To detect such minute changes, Dr Crisp said, the parts of the 300-pound instrument had to be aligned within the width of a human hair. The scientists think they may also be able to discern a faint infrared fluorescent glow emitted by plants as they photosynthesize, which could indicate their health.

The Orbiting Carbon Observatory-2 is part of a busy year for NASA's earth sciences division — the second of five launches — reflecting increased financing for this segment of Nasa even as other parts have been squeezed by tight budgets.

INVT

# दिल्ली यूनिवर्सिटी ने देर रात जारी की दाखिले की पहली सूची

# कंप्यूटर साइंस की

# कटऑफ सौ फीसदी

अमर उजाला ब्यूरो

नई दिल्ली। तीन वर्षीय पाठ्यक्रम में दाखिले के लिए दिल्ली यूनिवर्सिटी ने सोमवार देर रात को पहली कटऑफ जारी कर दी। पहली लिस्ट में कंप्यूटर साइंस की कटऑफ ने बीकॉम को पछाड़ते हुए सौ का आंकड़ा छुआ है। इस विषय में तीन कॉलेजों में कटऑफ सौ फीसदी गई है।

बीटेक कंप्यूटर साइंस खत्म होकर बीएससी कंप्यूटर साइंस बने इस कोर्स की कटऑफ आचार्य नरेंद्र देव में 95-100, आत्मा राम सनातन धर्म कॉलेज में 98-100 और श्यामा प्रसाद मुखर्जी में 97-100% है। इसी कोर्स की कटऑफ भास्करायार्च कॉलेज ऑफ एप्लाइड साइंस में 98.5 से 99% तक गई है। इस बार की कटऑफ में दूसरी हैरान कर देने वाली बात यह है कि पत्रकारिता एवं जनसंचार की कटऑफ भी 98% तक चली गई। राम लाल आनंद कॉलेज में बीए ऑनर्स पत्रकारिता एवं जनसंचार में 98% कटऑफ है। बीकॉम ऑनर्स में हिंदू ने इस बार एसआरसीसी को कड़ी टक्कर दी है। एसआरसीसी में नॉन कॉमर्स स्ट्रीम वाले छात्रों के



## दाखिले की दौड़

- आचार्य नरेन्द्र देव, एआरएसडी व एसपीएम में कंप्यूटर साइंस की कटऑफ 100 फीसदी
- बीकॉम में हिंदू ने एसआरसीसी को टक्कर दी
- एसआरसीसी में बीकॉम की कटऑफ 99.50, हिंदू 99.75
- बीए प्रोग्राम में हंसराज 96.25, हिंदू का 95 फीसदी
- रामलाल आनंद में पत्रकारिता में 98 फीसदी

**बीएमएस में मिलेगी तीन साल की डिग्री :** यूजीसी ने सोमवार को स्पष्ट कर दिया की डीयू में सत्र 2013-14 के अंतर्गत बीएमएस में दाखिला लेने वाले छात्रों को तीन साल की डिग्री मिलेगी। आयोग ने बीते साल बीएमएस में दाखिला देने वाले कॉलेजों को साफ कह दिया है कि उन्हें यूजीसी व एआईसीटीसी से उचित मंजूरी लेनी होगी।

लिए बीकॉम की कटऑफ 99.50 गई है, जबकि हिंदू में यह 99.75% है। हिंदू कॉलेज में हिस्ट्री ऑनर्स की कटऑफ 95-98 और राजनीति शास्त्र की कटऑफ 96-98.5 तक जा पहुंची है। हंसराज में बीकॉम में 99.25% पर दाखिला है। वहीं हंसराज में ईको की कटऑफ 98 फीसदी तक गई है। बीए प्रोग्राम में हंसराज में सबसे अधिक 96.25%

कटऑफ है, जबकि हिंदू में इसी प्रोग्राम में 95% पर दाखिला मिल रहा है। रामजस कॉलेज में ईको, अंग्रेजी, कॉमर्स में दाखिले 91.50 से लेकर 98.75% नंबरों पर होंगे। यहां साइंस कोर्स की रेंज 90 से 96.50 तक रही है। वैसे सभी कॉलेजों में बीए की कटऑफ 72% से लेकर 96.25% तक गई है।

संबंधित पेज 2 और 3 पर

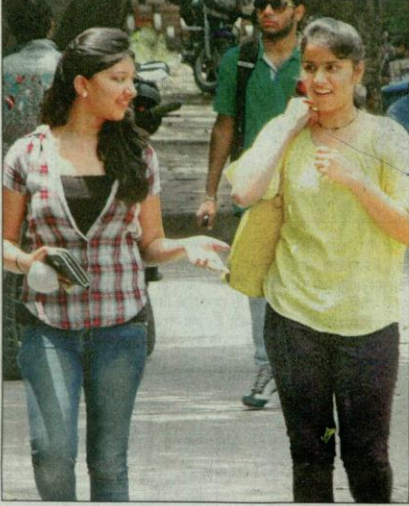
# DU : हिंदू 99.75, SRCC 99.25

## इस लिस्ट में एडमिशन मुश्किल कटऑफ में नंबर आना भी एडमिशन की गारंटी नहीं

■ भूपेंद्र, नई दिल्ली

दिल्ली यूनिवर्सिटी की फर्स्ट कटऑफ लिस्ट पर भी ईयर डिग्री कोर्स स्कोम के पुराने कोर्सेज का असर साफ नजर आया है। कटऑफ के लिहाज से देखें तो सबसे अहम बात यह है कि बीए, बीएससी व बीकॉम के जनरल कोर्सेज ने सेशन 2014-15 में एक साल के बाद धमाकेदार वापसी की है, हालांकि इस सुपर हाई कटऑफ के बस पर कितने एडमिशन हो पाते हैं, यह देखना दिलचस्प होगा। ऑनर्स कोर्सेज की कटऑफ में एक से 5 पैसे तक का इजाफा देखने को मिला है, वहीं बीए-बीएससी कोर्सेज की कटऑफ तो 10 से 15 पैसे तक भी बढ़ी है। साफ दिख रहा है कि जनरल कोर्सेज की फर्स्ट कटऑफ लिस्ट को लेकर कॉलेजों के पास कोई आडिवा नहीं था और कॉलेजों ने ज्यादा एडमिशन के डर से बचने के लिए पहली लिस्ट वेट एंड चींच के फॉर्म्युले को ध्यान में रखते हुए जारी की है। पहली बार ऐसा हुआ है कि कॉलेजों में बीए-बीएससी के जनरल कोर्सेज की कटऑफ 96 के पार चली गई है।

Photos : Sher Singh Saini



में काफी इजाफा देखने को मिला है।

एसआरसीसी : एसआरसीसी में बीकॉम ऑनर्स की कटऑफ 0.5 पैसे बढ़कर 97.5-99.25 है। वहीं इकनॉमिक्स ऑनर्स की लिस्ट 0.75 पैसे बढ़कर 97.25-98.25 है। इको ऑनर्स कोर्स में कॉमर्स स्ट्रीम के स्टूडेंट्स को 98.25 और साइंस व ह्यूमैनिटीज स्ट्रीम के स्टूडेंट्स को 97.25 पैसे पर एडमिशन मिलेगा।

डीडीयू कॉलेज : डीडीयू कॉलेज में बीए कोर्स की कटऑफ 7 पैसे बढ़कर 82 हो गई है। जबकि बीकॉम ऑनर्स में 95, कंप्यूटर साइंस में 96, फिजिक्स और केमिस्ट्री ऑनर्स में 94, इंग्लिश ऑनर्स में 87 पैसे पर एडमिशन मिलेगा।

हिंदू कॉलेज : यहां पर बीए कोर्स की कटऑफ 95-96 है। हिस्ट्री ऑनर्स की लिस्ट भी 95-98 तक है। इंग्लिश ऑनर्स की लिस्ट 97-98.5 तक है। यानी टॉप कॉलेजों में कॉमर्स के साथ-साथ इंग्लिश ऑनर्स भी काफी पोपुलर दिख रहा है। इको ऑनर्स की लिस्ट 97.5-98 तक है। वहीं बीकॉम ऑनर्स की कटऑफ 97.25 से 99.75 है। यहां पर फिजिक्स ऑनर्स की कटऑफ 97.33 तक है।

के लिए 99.33 है। बीकॉम ऑनर्स की कटऑफ भी 99.25 तक पहुंच गई है।

94 तक पहुंच गई है।

मिरांडा हाउस : यहां पर बीए की कटऑफ में 8 पैसे तक का इजाफा हुआ है और इस बार स्टूडेंट्स को 94-96 पैसे होने पर इस कोर्स में एडमिशन मिलेगा। ह्यूमैनिटीज के लिए 94, साइंस स्ट्रीम के लिए 95 और कॉमर्स स्ट्रीम के लिए 96 पैसे कटऑफ है। इंग्लिश की कटऑफ भी 97 तक पहुंची है। बीएससी फिजिकल साइंस की कटऑफ 9 पैसे बढ़कर

आरएलए कॉलेज : रामलाल आनंद कॉलेज के प्रिंसिपल डॉ. विजय कुमार शर्मा ने बताया कि बीकॉम पास कोर्स की कटऑफ 8 पैसे बढ़कर 95 है। इसके अलावा बीए की कटऑफ भी 10 पैसे के इजाफे के साथ 90 तक रखी गई है। कंप्यूटर साइंस कोर्स की लिस्ट 94-99 है। प्रिंसिपल का कहना है कि जो कोर्स इस बार वापस आए हैं, उनको लेकर कोई अंदाजा ही नहीं था, इसलिए उन कोर्सेज की कटऑफ

एलएसआर : लेडी श्री राम कॉलेज में बीकॉम ऑनर्स की कटऑफ 97.50 है। इंग्लिश ऑनर्स की लिस्ट भी 97.25 है। जबकि बीए की लिस्ट में 2.25 की बढ़ोतरी हुई और अब इस कोर्स में 95.50 पैसे पर एडमिशन मिलेगा। वहीं हिंदी ऑनर्स की कटऑफ 9 पैसे बढ़कर 79 पहुंच गई है।

तीन साल का ही रहेगा बीएमएस कोर्स : बीटक स्टूडेंट्स के धरने-प्रदर्शन के बाद यूजीसी की ओर से मंडे को एक प्रेस रिलीज जारी की गई है। यूजीसी ने अपने बयान में कहा है कि बीएमएस कोर्स जारी तो रह सकता है लेकिन यह कोर्स चार साल का नहीं बल्कि तीन साल का ही होगा। तीन साल के मैनेजमेंट कोर्स के लिए यूनिवर्सिटी के कॉलेजों को यूजीसी व आईसीटी से इजाजत लेनी होगी।

■ विशेष संवाददाता, नई दिल्ली

कॉलेजों के अलग-अलग रूल्स से बचने की खुशी स्टूडेंट्स के पास कुछ ही दिन रही क्योंकि श्री ईयर कोर्स स्कोम के वापस आते ही कॉलेजों के पास अपने-अपने नियम बनाने के अधिकार भी वापस आ गए। स्टूडेंट्स के नजरिए से देखें तो अब कटऑफ के गणित को समझना आसान नहीं है। केवल कटऑफ में नाम आना ही काफी नहीं है बल्कि कॉलेज के अधिशनल रूल्स को जरूर देखना होगा। कॉलेजों ने अलग-अलग कैटेगरी भी बना दी है। कुछ दिलचस्प फैक्टर भी देखने को मिले हैं।

रामजस कॉलेज ने बीए प्रोग्राम के लिए भी अधिशनल रूल्स बना दिए हैं। इस कॉलेज में कॉमर्स स्ट्रीम के स्टूडेंट्स को बीए प्रोग्राम में 93 पैसे पर एडमिशन मिलेगा, साइंस स्टूडेंट्स को 91 और आर्ट्स स्टूडेंट्स को 88 पैसे पर एडमिशन मिलेगा। वोकेशनल स्ट्रीम के स्टूडेंट्स के लिए कटऑफ 95 होगी। इकनॉमिक्स ऑनर्स कोर्स में एडमिशन के लिए वोकेशनल सबजेक्ट को नहीं जोड़ा जाएगा। जिन स्टूडेंट्स ने हिस्ट्री में 92 या इससे ज्यादा मार्क्स पाए हैं, उन्हें हिस्ट्री ऑनर्स में एडमिशन के समय एग्जिगेट में 2 पैसे का फायदा होगा। इंग्लिश में अगर कंपलसरी इंग्लिश पेपर के अलावा हायर, इलेक्टिव या इंग्लिश का कोई स्पेशल पेपर पढ़ा है, उन्हें एग्जिगेट में 10 पैसे का फायदा होगा।

हिंदू कॉलेज में बीकॉम ऑनर्स में उन्ही स्टूडेंट्स को एडमिशन मिलेगा, जिनके अकाउंट्स में कम से कम 97 मार्क्स होंगे। इकनॉमिक्स ऑनर्स में साइंस, कॉमर्स व आर्ट स्ट्रीम के लिए कटऑफ अलग-अलग है। - डॉ. प्रद्युम्न कुमार, प्रिंसिपल, हिंदू

जिन स्टूडेंट्स ने कॉमर्स के सबजेक्ट पढ़े हैं, उनको बीकॉम ऑनर्स के लिए ए कैटेगरी में रखा है। नॉन कॉमर्स को डी कैटेगरी में जगह मिलेगी। इको ऑनर्स में साइंस व आर्ट्स के स्टूडेंट्स की कटऑफ 1 पैसे कम होगी। - डॉ. पी. सी. जैन, प्रिंसिपल, एसआरसीसी

बीकॉम ऑनर्स के लिए मैथ्स में कम से कम 60 नंबर होने चाहिए। फिजिकल एजुकेशन, म्यूजिक, फाइन आर्ट्स, डॉस, होम साइंस जैसे वोकेशनल सबजेक्ट बेस्ट-4 में शामिल करने पर एग्जिगेट में 5 पैसे की कमी हो जाएगी। - डॉ. एस. के. गर्ग, प्रिंसिपल, डीडीयू

## IITs to declare their first merit list today, older IITs still preferred choice

Tuesday, 1 July 2014 - 6:45am IST | Agency: DNA

<http://www.dnaindia.com/mumbai/report-iits-to-declare-their-first-merit-list-today-older-iits-still-preferred-choice-1998728>

The joint admission board (JAB), which carries out the centralised admission across 16 IITs and Indian School of Mining, Dhanbad, will declare their first merit list on Tuesday, which will kick start the first round of the seat allocation.

The last date to confirm the seat and submission of fees is July 4. For those who don't secure a seat in the first round, the second and third rounds are scheduled for July 7 and July 12 respectively. The JAB plans to wind up admissions by July 14.

Since IITs will be completing admissions two weeks from now, admission in the 28 National Institutes of Technology (NITs) will be streamlined. The admission in NITs will be conducted on the basis of JEE (main)

and class 12 marks with a 60:40 ratio. However, CBSE, which has conducted the JEE (main), is yet to release the rankings.

According to IIT professors, the five old IITs – Mumbai, Delhi, Kanpur, Madras and Khadagpur – are still the most preferred institutes among candidates. On the other hand, eight new Indian IITs that were established after the Union government's decision in 2008 to increase the number of these premier education bodies, continue being the least preferred ones.

Though the intermediate ones like IIT-Roorkee and Guwahati (especially after ranking among top 100 in world varsity rankings), have better positioning than the new IITs.

Even after seven years of establishment, the new IITs have been plagued with faculty crunch, lack of permanent campuses and unimpressive placements. "I will prefer to go NIT Warangal than IIT-Ropar or IIT-Mandi," said a candidate who has been hearing a lot about the newer IITs which are running from the rented campuses.

As far as placements are concerned, several NITs are doing far better than the new IITs. This is despite the number of students in the NITs being almost three times more than that of the new IITs.

An RTI reply secured from the HRD ministry last year has revealed that of the 90 faculty posts at IIT-Jodhpur and IIT-Mandi, only 48 and 49 had been filled. Similarly, 38 posts were lying vacant in IIT-Ropar, 19 in IIT-Patna, 17 in IIT-Bhubaneswar, 14 in IIT-Gandhinagar and 13 in IIT-Indore. Only IIT-Hyderabad has managed to fill 101 of the 105 faculty positions sanctioned.

Most faculty complain that the new IIT campuses are located in remote areas. "It's difficult for the new IITs to attract and retain talent due to their poor infrastructure," said a faculty member.

In addition to this, students complain that the infrastructure at the new IITs is quite poor. "For all purposes, these are temporary campuses. Our institute lacks proper space for classrooms, labs, library, sporting facilities and even hostels," said a student.

## **New director to take charge at IIM-B from July 1**

**US citizen Sushil Vachani has served in various positions at Boston University for the past 28 years**

**BS Reporter | Bangalore**

**June 30, 2014** Last Updated at 18:36 IST

[http://www.business-standard.com/article/management/new-director-to-take-charge-at-iim-b-from-july-1-114063000807\\_1.html](http://www.business-standard.com/article/management/new-director-to-take-charge-at-iim-b-from-july-1-114063000807_1.html)

After months of waiting, IIM Bangalore, will finally have the new director taking charge on Tuesday. [Sushil Vachani](#), a US citizen, will take over as the director of the Indian Institute of Management Bangalore ([IIM-B](#)) on July 1, 2014.

Selection of candidates from abroad was made possible more than a year ago after the [HRD](#) minister had initiated a move to allow each IIM to shortlist its own candidates for director, chairman.

The Union human resource development ministry had approved the appointment of Sushil Vachani, professor of strategy and policy at Boston University School of Management, as the new director of Indian Institute of Management (IIM), Bangalore during November last.

"He has many good publications to his credit. He is well respected, not just in India, but globally," a senior academician at IIM-B told Business Standard.

During his 28-year career at Boston University, where he was a tenured Professor of Strategy and Innovation, Vachani served in a range of leadership positions. He has been Faculty Director of the International Management Program in Japan, Chairman of the Strategy and Policy Department, Chairman of the Doctoral Program and Special Assistant to the University's President for its India Initiative.

He designed, taught and coordinated programmes for students, executives and policy makers in the US, Japan, China and India. Vachani also serves on the board of trustees of the Deshpande Foundation which promotes economic and social development in the US and India through entrepreneurship.

Vachani received his doctorate in International Business from the [Harvard Business School](#), a Post Graduate Diploma in Management from the Indian Institute of Management, Ahmedabad, and a Bachelor of Technology from the Indian Institute of Technology, Kanpur. He has extensive managerial and consulting experience in both the US and India. He worked at the Boston Consulting Group developing strategies for the US, Japanese and European multinationals. He has also worked, in India, with Philips, the Tata Administrative Service and Tata Motors.

Vachani's research interests include the global institutional environment of business, multinational-government relations, corporate social responsibility, climate change, strategy and innovation at the base of the pyramid and the impact of NGOs on international business. His research has been published in top journals including California Management Review, Harvard Business Review and Journal of International Business Studies.

He has published four books. He is co-editor of Adaptation to Climate Change in Asia and Multinational Corporations and Global Poverty Reduction, editor of 'Transformations in Global Governance: Implications for Multinationals and other Stakeholders' and author of 'Multinationals in India: Strategic Product Choices'.

## IITs to share expertise with others

[Gauree Malkarnekar](#), TNN | Jul 1, 2014, 01.45 AM IST

<http://timesofindia.indiatimes.com/City/Goa/IITs-to-share-expertise-with-others/articleshow/37537416.cms>

PANAJI: Directors of Indian institutes of technology (IIT) on Sunday, at their closed-door meeting with Union human resource development (HRD) minister Smriti Irani in Goa, discussed in detail the possibility of each IIT extending its expertise to other engineering institutes located in their vicinity.

The 'retreat' in Goa was summoned by Irani, who, along with the IIT directors, remained tight-lipped about the proceedings of the day-long meeting.

Goa chief minister Manohar Parrikar, an IIT alumnus, too joined in the discussions for a couple of hours before sharing a meal with the minister and the directors.

Parrikar, before leaving the meeting venue at Dona Paula, said, "IITs are nuclei of technology education. The directors spoke about making IITs the hub of technical education and developing knowledge-sharing network and mentoring other engineering institutes located nearby. They want to extend their expertise to other colleges."

The IITs want to build on the plan by expanding their technical education quality improvement programme (TEQIP) for the purpose.

Sources said that the IIT directors also sought enhanced financial assistance from the central government for further strengthening of the institutes and to boost specialized research at each of the premiere institutes. They also discussed ways to improve mechanisms of academic appraisal and review rankings of the IITs.

Irani flew in to Goa especially for the retreat that lasted from 9am to 5pm on Sunday, after which she immediately flew out of the state.

Parrikar, responding to questions by reporters, said the IIT directors welcomed the Union HRD ministry's plans of setting up new IITs in states that do not have an IIT. Goa is among states that are expected to get an IIT.

"Some directly link setting up of an IIT in Goa to how many Goan students will actually be able to make it to the institute. But that is not correct. Imagine the synergy created with the setting up of such a premiere institute and imagine the linkage the IIT will provide for local engineering colleges," Parrikar said.

## Open house helps students which IIT to choose

[Runa Mukherjee Parikh](#), TNN | Jun 30, 2014, 04.07 PM IST

<http://timesofindia.indiatimes.com/City/Ahmedabad/Open-house-helps-students-which-IIT-to-choose/articleshow/37521510.cms>

AHMEDABAD: Jay Desai from the city scored an all-India-rank of 971 in the JEE Advanced this year. He was torn between two choices — his area of interest, electronics, and some other discipline at an older IIT. But an open house held at the Indian Institute of Technology Gandhinagar (IIT-Gn) on June 21 and 22 came as a big relief for Desai.

"After attending it, I have decided to pursue my interest rather than study some other branch just because I am getting to study in a reputed institute. After listening to faculty and experts, it became clear to me that success lies in doing what one enjoys doing."

The open house was an eye-opener for more than 80 students from various cities. Jasmine Sikdar, who came from Assam said, "The faculty advice on which branch teaches what and offers what opportunities were particularly helpful for most of the students."

Talking to the students at the event, Prof Dheeraj Sanghi of IIT Kanpur said, "Whenever you get stuck while choosing between two IITs on the basis of academic reasons, it is fair enough to base your choice on non-academic reasons such as amount of fun, amount of extra-curricular activities, and whether you want to stay closer to home or away from home. There will not be much difference in your career whether you graduate from one IIT or the other as there is hardly any IIT which offers programmes with weak faculty."

Prof Sudhir K Jain, director, IIT-Gn, said, "You must choose your career and goal according to what you cherish in life and what kind of life you want to live when you attain the age of 45."

At a time when students are considering which IIT to choose, Sanghi highlighted why IIT-Gn would be a good choice. "Considering the amount of innovative ideas and practices visible on its campus, the kind of electives offered to its students and the kind of liberty given to its faculty and students, IIT-Gn stands out not only among the new IITs but among all the IITs."



# Synopsys and IIT Bombay Collaborate on Reliability Modeling of Advanced Transistors

[http://www.marketwatch.com/story/synopsys-and-iit-bombay-collaborate-on-reliability-modeling-of-advanced-transistors-2014-06-30?reflink=MW\\_news\\_stmp](http://www.marketwatch.com/story/synopsys-and-iit-bombay-collaborate-on-reliability-modeling-of-advanced-transistors-2014-06-30?reflink=MW_news_stmp)

## Collaboration enables stochastic modeling of device degradation and reliability through industry leading Sentaurus Device TCAD simulator

MOUNTAIN VIEW, Calif. and MUMBAI, India, June 30, 2014 /PRNewswire/ -- Synopsys, Inc. [SNPS](#) -0.38% , a global leader providing software, IP and services used to accelerate innovation in chips and electronic systems, and the Indian Institute of Technology, Bombay, today announced a collaboration to advance the modeling of negative bias temperature instability (NBTI), a key reliability concern for advanced CMOS devices. NBTI has become more critical with the introduction of high-k metal gate (HKMG) processes and is a dominant reliability concern for FinFET devices, contributing to the degradation of threshold voltage, current, transconductance and other electrical parameters. This collaboration will enable leading semiconductor manufacturers to gain insight into NBTI degradation and develop methods to mitigate its effects on FinFETs at the 14-nanometer (nm) node and beyond.

"Our research over the years has helped identify the underlying physical mechanisms contributing to NBTI. We have developed both continuum and stochastic frameworks for predictive DC and AC NBTI modeling in planar transistors. Our collaboration with Synopsys and the implementation of these models in Synopsys' Sentaurus™ Device simulator will enable modeling of NBTI in FinFETs for the 14-nanometer node and beyond," said Professor Souvik Mahapatra of IIT Bombay.

Through this collaboration, IIT Bombay will conduct experiments and measurements to characterize NBTI in FinFET devices. The resulting data will be used to enhance and calibrate physical NBTI models in Sentaurus Device, Synopsys' industry standard TCAD device simulator.

"As 14-nanometer FinFET technology evolves from the development to production phase, many of our customers are concerned about device degradation and reliability caused by NBTI. The combination of IIT Bombay's proven expertise in NBTI characterization and Synopsys' expertise in device modeling will allow us to build a stochastic model to address customer needs for simulating and analyzing NBTI effects on FinFET devices," said Howard Ko, senior vice president and general manager of the Silicon Engineering Group at Synopsys.

### About IIT Bombay

Indian Institute of Technology Bombay, the second IIT to be set up in 1958, is recognized worldwide as a leader in the field of engineering education and research. It is reputed for the quality of its faculty and the outstanding caliber of students graduating from its undergraduate and postgraduate programs. The institute has a total of 15 academic departments, ten centers, one school and four Interdisciplinary programs. Over the last five decades, more than 42,000 engineers and scientists have graduated from the institute. It is served by more than 600 faculty members considered not only amongst the best within the country, but are also highly recognized in the world for achievements in the field of education and research. Today the Institute is recognized as one of the centers of academic excellence in the country. Over the years, there has been dynamic progress at IIT Bombay in both academic and research activities, including a

parallel improvement in facilities and infrastructure to keep it on par with the best institutions in the world. Visit: [www.iitb.ac.in](http://www.iitb.ac.in)

## Modi govt should help export Indian higher education, say educationists

[Prasun Sonwalkar](#), Hindustan Times London, June 29, 2014

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<http://www.hindustantimes.com/india-news/modi-govt-should-help-export-indian-higher-education-say-educationists/article1-1235057.aspx>

Educationists from 20 leading Indian private universities gathered at the House of Commons for an awards ceremony to fly India's flag in the global higher education market, and announced plans to create an 'education hub' on the lines of medical tourism and IT services.

The awards were given by a consortium of Indian private universities called SkillTree, after an 'audit' of courses in the universities over two years. Out of a total of 674 universities in India, 183 were private, educationists at the event said.

Sushma Paul Berlia, chancellor of Apeejay Stya University, told HT: "The [Narendra Modi](#) government should help private universities tap global higher education markets in the same way the British Council helps British universities recruit international students. There is so much that we can offer to international students".

India, she said, may not figure in major global university rankings, but there were several universities and institutes that offer 'very good education' to students from developing countries and to people of Indian origin in countries such as Britain and the US.

The awards ceremony was followed by a party at Madame Tussauds, where leading Indian and Indian-origin people such as Lord Swraj Paul, Keith Vaz, Navnit Dholakia, Dame Asha Khemka and Baroness Verma joined the Indian private universities' push for a global presence.

According to Berlia, higher education could be a net foreign exchange earner for India at a time when a major increase in fees was prompting students in western countries to look at alternatives for cheaper but valuable education. Studying in India would help prepare them for jobs in a major global market, she said.

Shekhar A Bhattacharjee, founder of SkillTree, said: "India is a great destination with great institutions; India's higher education system has witnessed tremendous growth in recent times. 'SkillTree Great Place to Study – India Edition' showcases 20 institutions in the country which have great global practices".

The 20 universities and institutions awarded included G D Goenka University, Goa Institute of Management, Manipal University, XLRI – Xavier School of Management, Whistling Woods International, and Apeejay Education Society & Apeejay Stya University.