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P5

शिक्षकों की कमी के चलते लिया जा सकता है यह फैसला

आईआईटी में पढ़ाएंगे पीजी और डॉक्टरेट के छात्र

नई दिल्ली | हिन्दुस्तान टीम

भारतीय प्रौद्योगिकी संस्थानों में शिक्षकों की कमी के चलते स्नातकोत्तर (पीजी) और डॉक्टरेट छात्रों को पढ़ाने का मौका मिल सकता है। इस मुद्दे पर सात जनवरी को आईआईटी काउंसिल की बैठक में फैसला हो सकता है। इस बैठक में मानव संसाधन और विकास मंत्री एमएम पल्लभ राजू भी हिस्सा लेंगे। उन्होंने आईआईटी के सभी डॉक्टरेट्स को सुधार और विकास को लेकर प्रेजेंटेशन देने को कहा है।

मंत्रालय के एक अधिकारी के मुताबिक पीएचडी और एमटेक के टॉप 15 फीसदी छात्र आईआईटी में पोर्ट टाइम आधार पर पढ़ा सकते हैं। इन छात्रों को इस दौरान अपना कोर्स पूरा करने की भी छूट होगी। इसके लिए छात्रों को कुछ वेतन भी दिया जाएगा। साथ ही उनका मन भी पढ़ाने में लगा रहे। कोर्स पूरा होने के बाद इन छात्रों को एक सर्टिफिकेट भी दिया जाएगा। मंत्रालय ने आईआईटी समेत सभी केंद्रीय संस्थानों में शिक्षकों से निपटने के लिए एक कमेटी गठित की थी। कमेटी ने जो सुझाव दिए, उनमें यह भी एक था।



फाइल फोटो

किस संस्थान में कितनी जरूरत

आईआईटी	शिक्षकों की जरूरत
बांबे	250
खड़गपुर	445
मद्रास	197
रुड़की	197
दिल्ली	138
कानपुर	82
गुवाहाटी	56

देश के सभी 15 आईआईटी में 40 फीसदी तक शिक्षकों की कमी है। जैसे आईआईटी बांबे में 528 प्रोफेसर हैं और 250 की और जरूरत है।

अमेरिका में चल रहा है यह प्रयोग

अमेरिका की कई यूनिवर्सिटी में पीएचडी कर रहे छात्रों को उसी संस्थान में पढ़ाने के प्रयोग अमेरिका में काफी सफल रहे हैं। उनका ऐसा मानना होता है कि जो छात्र जिस संस्थान से पढ़ा है वो उसे अच्छी तरह समझता है। इस योजना में वही छात्र शामिल होते हैं, जो कॉरपोरेट सेक्टर में नौकरी नहीं खोज रहे होते हैं। भारत के बिट्स पिलानी में भी यह प्रयोग किया जा रहा है। संस्थान के डीन अजीत प्रताप सिंह के मुताबिक यह एक अच्छी योजना है।

HT Mumbai

IIT-B to develop **new apps,** software for Aakash 2 tablet

UPGRADATION Tablets given to 250 colleges across India; 12,000 teachers have been trained to use them

Nidhi Varma

■ htmetro@hindustantimes.com

MUMBAI: The world's cheapest 'tablet-cum-computer', Aakash, will undergo further upgradation with new applications and interfaces, which will be developed by students of the Indian Institute of Technology-Bombay (IIT-B).

IIT-B and the National Mission on Education through Information and Communication Technology (NME-ICT), responsible for the 'Aakash' project, laid down a detailed plan at the Powai campus on Friday.

Committee members said the first batch of one lakh tablets had been distributed successfully. "The new upgraded tablets synced with the latest applications have been given to 250 colleges across the country," said professor Deepak Phatak, head of the project at IIT-B. He added that more than 12,000 teachers from these colleges have been



■ (From left) Professor Kannan Moudgalya, member of NME-ICT, with Deepak Phatak, head of the project at IIT-B.

specially trained to make optimum use of the device.

The gamut of applications includes ProxyMITY, Clicker, Scilab and Spoken tutorials. All

these applications are based on open source platform, where users can give inputs for modification or alteration of any application for its better functioning.

KNOW YOUR APPLICATIONS

Details of the various applications

APPLICATIONS	DESCRIPTION/ FUNCTIONALITY
ProxyMITY	It stands for Proxy Multimedia Integration Tool for You. It enables creation of interactive lessons by importing lecture videos and presentation slides.
Clicker	This application allows interaction between the instructor and participants and helps to give instant feedback. It also helps teachers conduct quizzes with the class.
Scilab	Scilab port permits users to write their programs and execute it directly on their Aakash tablet. It helps to solve technical glitches in the program.
Spoken tutorials	It guides users on how to use a device to its maximum. It is dubbed in 20 regional languages such as Gujarati, Oriya, Malayalam, Marathi etc.

Users can now also upgrade their device directly from <http://www.sakshat.ac.in/>

Professor Kannan Moudgalya, member of NME-ICT said: "The virtual labs free open source software and the pedagogy project represents IIT-B."

Phatak said the digital device would enable countrywide access to knowledge. "A device gets value only when it has appropriate content and practical usability."

Indian Express Pune 28-12-2012 P-17

Armed with development plan, '87 batch comes calling to IIT-B

Consultancy Cell to look at grooming students to focus on water and energy development in rural areas, Tier-II & Tier-III cities

MIHIKA BASU

MUMBAI, DECEMBER 27

TO BUILD a dedicated cadre of students to focus on housing, water and energy development in rural areas and tier II and tier III cities, a Technology and Development Consultancy Cell (TDCC) is coming up at IIT Bombay, as part of the Legacy Project of the 1987 batch. On Saturday, the batch of '87 will converge for their silver jubilee reunion.

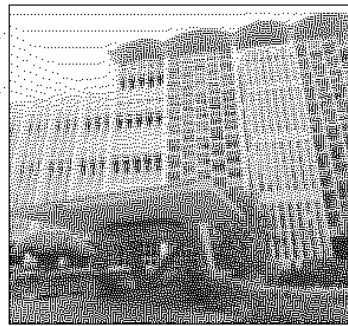
The TDCC aims at taluka, district and state level projects to develop specific technologies in water planning and energy sectors. The batch of '87 has pledged approximately Rs 2.5 crore for the Legacy Project, which will also cover two initiatives started by alumni that are already running at IIT Bombay, the Students' Schol-

arships and the Retired Faculty Wellness Fund.

Explaining the TDCC plan, Dushyant Pandya, a 1987 alumnus, said, "There is a substantial market at the taluka and district levels, a market that is largely unexplored. Many student projects work with district collectors, NGOs, state agencies to deliver critical knowledge inputs.

"The aim is to start a paid-consultancy model to hire our fresh engineers/development professionals as consultants to meet these requirements. The expected outcome is to engage in development consultancy and explore business models which will work, and train future consultants and designers for development sectors."

The TDCC will provide a career in the technology development consultancy sector, and



The batch of '87 has pledged approximately Rs 2.5 crore for the Legacy Project

create course material in the area. The cell will interact with students within IIT Bombay and groom them for a consultancy role in the development sector. The potential achievements, as drawn up by the batch, includes 20-25 consultants trained to work on development projects, completion of up to four big projects and

demonstration of several business models by which consultants can engage with development agencies. Assuming that the technology development programme needs three years of support, the batch is expected to keep aside Rs 80 lakh for the purpose.

To ensure that lack of funds does not come in the way of talented students getting IIT education, the 1987 batch will also support several students' scholarships for the programme. It will either fund a one-time operational expense through the Legacy Fund or create an endowment of approximately Rs 6 lakh per scholarship and pay students an annual amount from interest. Another option is to provide bridge funding to students for tuition and other expenses during the processing of their student loans.

Indian Express Ahmedabad 28-12-2012 P-4

Pune architects to design IIT Gandhinagar campus

EXPRESS NEWS SERVICE

PUNE, DECEMBER 27

FOUR Pune-based architects who collectively call themselves Mitimitra are all set to design the IIT Gandhinagar campus. They got a chance to design the prestigious project after their design concept was chosen by a special jury nominated by the Board of Governors at IIT, Gandhinagar, Gujarat.

The four Mitimitra members, Madhav Hundekar, Makarand Godbole, Madhura Mulay and Vikram Hundekar, have been working in the field of architecture for the past 22 years.

After getting the masterplan of the campus ready, IIT Gandhinagar held a competition and invited architects from across India. The

THE CAMPUS
will have mainly three major areas, the academic buildings, housing for the staff and faculty and hostels for students

competition was aimed at getting the best design and concept for the permanent campus to be set up at Palej village in on 400 acres.

The campus will have mainly three major areas, the academic buildings, housing for the staff and faculty and hostels for students. The academic buildings would have a lecture theatre complex, research laboratories and facilities for the

faculty and students, and recreational spaces for students including canteens and exhibition areas.

The winning design evolved by Mitimitra consists of a unique concept of development of an educational 'spine' - the hub of activities for the entire campus -and unique 'identities' not only for the buildings, but also for spaces contained within them.

"The design also employs many green technologies like night-purge cooling, rainwater harvesting, passive down-drought evaporation and cooling, and also aims at reusing every drop of water on campus," said Mitimitra members at a press conference in the city on Thursday. They said construction of the buildings at the Palej site would begin in a couple of months.

HT Lucknow

150TH BIRTH ANNIV OF SWAMI VIVEKANAND**UGC directs varsities to organise ‘befitting tribute’****HT Correspondent**

■ lkoreportersdesk@hindustantimes.com

LUCKNOW: The University Grants Commission (UGC) has asked all varsities and educational institutions to organise special programmes to mark the 150th birth anniversary of spiritual leader swami Vivekanand next year.

The regulatory body for higher education in India has issued directives in accordance with the instructions from the ministry of human resource development (MHRD) for universities and colleges to hold state or national level

essay competitions, lectures and other befitting forms of tributes for Vivekanand, who is held to have had a major contribution in promoting nationalism in colonial India.

UGC chairman Ved Prakash, in a missive to vice-chancellors of all universities issued on December 27, has written, “The decision was taken in the fourth meeting of the National Implementation Committee for commemoration of the 150th birth anniversary of Swami Vivekananda. May I, therefore, request your esteemed institution to organise state/

Organise state/national level essay competitions and the prizes may be given either Swamiji’s birthday.

VED PRAKASH, UGC chairman

national level essay competitions and the prizes may be given either on National Education Day or on January 12—the birthday of Swami Vivekananda.”

“Further, your institution may also consider organising a series

of lectures on various topics to pay rich tributes to the great personality. Another befitting tribute to the learned scholar could be honouring him during all ceremonial functions, including convocations, organised by your institution,” Prakash adds.

“It is my earnest request for your active and wholehearted participation in organising befitting events to honour Swami Vivekananda, who among his other invaluable contributions, sowed the seeds of nationalism in colonial India,” the letter concludes.