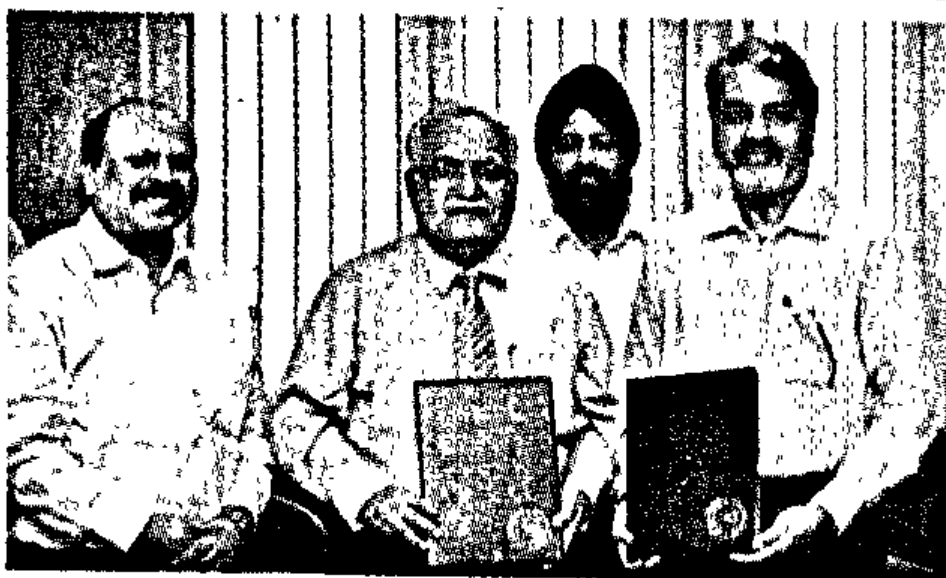


Newspaper Clips September 15, 2012

Millennium Post ND 15.09.2012 P-13

IndianOil inks MoU with IIT, Delhi, on innovation



OUR CORRESPONDENT

NEW DELHI: A MOU was signed by R K Malhotra director (R&D), IndianOil Corporation and R K Shevgaonkar, director, IIT Delhi, on 11 September to collaborate for promotion of education, research and innovation.

Under the MOU, India-

nOil will award about ten Research Scholarships to students of IIT Delhi, who will carry out research work at IndianOil-R&D, in diverse areas of downstream hydrocarbon and alternative energy sources like Polymer Science/Technology, Biotechnology, Nanotechnology, Alternative Energy Sources.

DNA Ahmedabad 14-09-2012 P-4

IIT-B prof 'shields' you from mobile tower radiation

Pallavi Smart MUMBAI

Are you worried about health hazards caused by the mobile towers located near your house?

Girish Kumar, a professor from the electrical engineering department of the Indian Institute of Technology-Bombay, has made it possible for you to protect you and your home from the harmful radiation.

"A person who travels for more than one hour in Mumbai every day is exposed to high levels of radiation 90% of the time," said Kumar, who keeps a radiation meter, which he has invented, with him at all times.

Among his other inventions, which were mainly for personal use, were special curtains, wallpapers, window films, table-top radiation shields and pocket radiation shields.

All these products look so simple that one would never guess that they have been specially made to absorb mobile tower radiation and



Girish Kumar, an IIT-B professor, gives a demonstration of some of his products at a workshop in Bhandup —Pratham Gokhale

reduce its ill-effects on humans. Kumar developed the pocket radiation shield to protect himself from his mobile phone.

"The table-top radiation shield needs to be kept around a person. As one shield can intake radiation as much as a human, it distributes the radiation, resulting in less intake by the person," he explained.

**Tech
BUZZ**

"The curtains, wallpapers and window films have a special electronic component, which absorbs the radiation."

"As per the new guidelines (enforced on September 1), mobile tower radiation has to be 0.92 w/m², instead of the earlier limit of 9.2w/m². Though the radiation level has been brought down by

11 telecom towers to go

The department of telecommunication service providers — Bharti Airtel Ltd, Idea Cellular Ltd, Vodafone India, Reliance Communications Ltd, Aircel, Loop Telecom and Tata Teleservices Maharashtra Ltd — to halt functioning of 11 base transmitting stations in Mumbai for failing to comply with the new radiation norms. The base transmitting stations were found radiating beyond the permissible limit.

As per the new norms, electromagnetic frequency radiation from telecom towers has to be limited to one-tenth of the previous limit.

1/10th of its original power, it is still harmful. Even 0.001 of radiation can cause health hazards and can affect the ecosystem," said Kumar.

"My shields can protect humans and their houses, but what about the ecosystem?" asked Kumar.

To know more about the products, visit www.facebook.com/celltowerradiation or www.nesaglobal.com.

Hindustan ND 15/09/2012

P9

शिक्षकों की कमी दूर करने के लिए मानव संसाधन विकास मंत्रालय की पहल

एनआईटी टॉपर बनेंगे प्रोफेसर

नई दिल्ली | विशेष संवाददाता

केंद्रीय तकनीकी शिक्षण संस्थानों में शिक्षकों की कमी दूर करने के लिए मानव संसाधन विकास मंत्रालय ने एक नई पहल की है। राष्ट्रीय प्रौद्योगिकी संस्थानों (एनआईटी) में 10 फीसदी टॉपर छात्रों को ट्रेनी टीचर नियुक्त किया जाएगा।

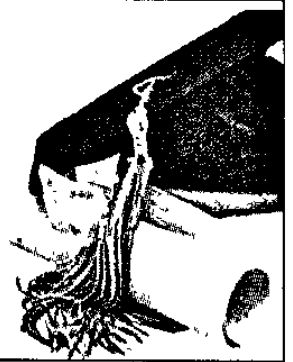
साथ ही उन्हें आईआईटी के एमटेक-पीएचडी कोर्स में दाखिला दिया जाएगा। कोर्स पूरा करने के बाद इन्हें सीधे सहायक प्रोफेसर नियुक्त किया जाएगा। यह फार्मुला चला तो आने वाले समय में इस

फार्मुले से ढाई हजार फैकल्टी तैयार होगी। एनआईटी में करीब 25 हजार सीटें हैं। मानव संसाधन विकास मंत्री कपिल सिब्बल की अध्यक्षता में शुक्रवार को हुई एनआईटी काउंसिल की बैठक में यह फैसला लिया गया।

आईआईटी, एनआईटी समेत केंद्रीय तकनीकी संस्थानों में शिक्षकों के एक तिहाई पद रिक्त हैं। समस्या यह है कि आईआईटी, एनआईटी से बीटेक करने के बाद नौजवान नौकरी में चले जाते हैं और एमटेक नहीं करते। इसलिए अब सीधे बीटेक करने वालों को ही शिक्षण में लेने

शोध को बढ़ावा

एनआईटी में शोध को बढ़ावा देने के लिए हर साल प्रत्येक एनआईटी से 10 इनोवेटिव प्रोजेक्ट को माशेलकर की अध्यक्षता में बनी स्थायी समिति के समक्ष रखा जाएगा। समिति जांच के बाद 50 बेहतरीन परियोजना को शोध के लिए चुनेगी जिसके लिए धनराशि सरकार प्रदान करेगी।



का फैसला किया गया है। उन्हें आय भी होती रहे व एमटेक भी कर सकें। शिक्षकों

की कमी दूर करने के लिए काकोदकर समिति ने यह सिफारिश की थी।

Publication: The Times Of India Delhi; Date: Sep 15, 2012; Section: Times Nation; Page: 20;

UGC acting chairman faces fraud charges

Akshaya Mukul | TNN

New Delhi: In the news for dis-regarding laid-down norms for appointment of a secretary, the University Grants Commission is facing a situation as its acting secretary has complained against acting chairperson to the Central Vigilance Commission and the HRD ministry leveling allegations of fraud and intimidation.

UGC acting secretary Nilofer Kazmi has demanded an independent inquiry. Sources said the complaint is serious and needs to be probed.

Kazmi has said last Novem-

ber, when a complaint against acting chairman Ved Prakash was referred from the PMO to the HRD ministry and ultimately to the regulator for comment, Prakash prepared the reply himself rubbishing all the allegations and forced her to sign it

ber, when a complaint against acting chairman Ved Prakash was referred from the PMO's to the HRD ministry and ultimately to the regulator for comment, Prakash prepared the reply himself rubbishing all the allegations and forced her to sign it. She alleged that

her request to study the case was not accepted by Prakash. The same reply went to the ministry. Now, Kazmi has told CVC and the ministry that she signed the comment about Prakash's wife Shimla under duress and without knowing the facts. Prakash denied these

allegations, and asked, "Why the complaint has been made now? I was not even informed. It is an act of insubordination."

He also hinted that since Kazmi was not considered for the full secretary's post she is making the allegations. She has already approached the National Commission for Minorities and the process of appointment of secretary would be done afresh.

Reiterating allegations against Prakash's wife, currently registrar of YWCA University, Haryana, Kazmi said that Shimla enrolled for Ph.D

in Jamia in social science stream with little over 52% marks in MA, English. UGC acting secretary said that regulations do not permit literature students to enroll for Ph.D in social sciences. Prakash said, "I did not influence the decision. Jamia would know better. Having spent a long time in LS secretariat my wife's study on impact of standing committee on the system is very important." He claimed that his wife has not violated any UGC norms as she got admitted to Ph.D in February, 2009, when regulations were not in place.

HT, Indore

IIITians to organise blood camp on Engineer's Day

HT Correspondent

■ editorbhupal@hindustantimes.com

INDORE: Apart from contributing to the solutions in technology, the engineers have now decided to solve other problems in the society.

Taking an initiative this Engineer's Day, the 'future engineers' at the Indian Institute of Technology Indore will come together to donate blood for the Thalassaemia patients.

Observed on September 15, this day is celebrated every year to commemorate the birthday of the legendary engineer M Visvesvaraya (1861-1962).

To mark this day the students would hold this blood donation

camp at Silver Springs under the banner of the social service club- Avana.

The donation at the camp would begin at 10am after an inauguration by director Pradeep Mathur.

"There will be two mobile vans from by MY hospital which would help in collecting the blood. Nearly 75 student donors and a few faculty members have come forward for donation," said member of the club Ashok Pancily Poothiyot. He added, "Thalassaemia patients lose the ability to generate blood and there is a huge gap in the supply of blood for them hence we decided to keep this especially for them."

Publication: The Times Of India Delhi; Date: Sep 15, 2012; Section: International; Page: 24;



PCs that can talk, argue with you

Early Versions Of Software Could Be Available Within 3 Years: Experts

London: Computers and robots could soon be having meaningful conversations and even arguments with humans, potentially "within the next three years", scientists have claimed. Researchers from the University of Aberdeen will develop systems that allow men to debate decisions with robots — opening up the possibility of human operators discussing action plans with robots, the Daily Mail said.

"The aim is to increase human trust in intelligent technology — and that early versions of the software could be available in just three years," lead researcher Wamberto Vasconcelos, said. "Autonomous systems such as robots are an integral part of modern industry, used to carry out tasks without continuous human guidance," he was quoted as saying by the paper.

Now, an energy-sufficient computerized house

Researchers have developed a new typical-looking suburban house which can generate as much energy as it consumes. The laboratory designed house, for a family of four incorporates energy-efficient construction and appliances, including energy-generating technologies. Following an initial year-long experiment, the facility will be used to improve test methods for energy-efficient technologies and develop cost-effective design standards for energy-efficient homes. Such homes could reduce overall energy consumption and harmful pollution, and save people's money on their monthly utility bills, according to a statement. The unique facility was unveiled by the US commerce department's National Institute of Standards and Technology (NIST). The two-storey, four-bedroom, three-bath house incorporates energy-efficient construction and appliances, as well as solar water heating and solar photovoltaic systems.

"Employed across a variety of sectors, these systems can quickly process huge amounts of information when deciding how to act. However, in doing so, they can make mistakes which are not obvious to them or to a human," he said.

"Evidence shows there may be mistrust when there are no provisions to help a human to understand why an autonomous system has decided to perform a specific task at a particular time and in a certain way," he added.

"What we are creating is a new generation of autonomous systems which are able to carry out a two-way communication with humans," he said. The system will communicate with words on a computer screen rather than speech. Potential applications could include unmanned robot missions to planets or the deep sea, defence systems and exploring hostile environments such as nuclear installations. A typical dialogue might involve a human operator asking a computer why it decided on a particular decision, what alternatives there might be and why these were not followed. One factor that has to be taken into account is ensuring the computer's responses do not seem threatening, rude or confrontational. "That's something we're going to have to look at," he said. ■

HT, Delhi

Govt to tie up with Canada's institutes, set up colleges

NEW DELHI: The government will set up 10 community colleges in collaboration with Canadian education institutes to educate adult illiterates and enable them to absorb skills required for jobs in the vicinity of their homes. "A roadmap for focused global collaboration is needed as with the IT revolution, and this would call for developing skills that would be required to service the world community," said Kapil Sibal, communications and IT minister on Thursday. **HTC**