IndianOil inks MoU with IIT, Delhi, on innovation

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, IndianOil 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.
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 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.

“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 9.2 w/m². Though the radiation level has been brought down by 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.
शिक्षकों की कमी दूर करने के लिए मानव संसाधन विकास मंत्रालय की पहल
एनआईटी टॉपर बनेंगे प्रोफेसर

शोध को बढ़ावा
एनआईटी में शोध को बढ़ावा देने के लिए हर साल प्रत्येक एनआईटी से 10 इन्शेबाटित प्रोजेक्ट को मानी जाती है। धार्मिक संस्थाओं के समस्त राज्यों में शिक्षकों के एक तिहाई यह दिशा है।

अभी तक एनआईटी के पाठक-पीएच डी और अभ्यर्थी को对标्द दिया जाएगा।
कोई पूर्व फैल देने के बाद, उन को स्वीकार में प्रोफेसर नियुक्त किया जाएगा। यह फाम्यो नतीजों तो अनगामी समय में इस फाम्यो से देर महज हर कैरियर तैयार थी।
एनआईटी में करीब 25 हजार सीटे हैं।
मानव संसाधन विकास नंजी कॉरिल लिस्ट की अधिकता में सुधार के लिए एनआईटी कॉरिल लिस्ट के बेशर्क में यह फैसला लिया गया।
एनआईटी, एनआईटी समेत केंद्रीय तन्त्रधाम में शिक्षकों के एक तिहाई के रूप में समस्या, यह वह है कि एनआईटी, एनआईटी से विटानी करने के बाद नौजवानों की आवश्यकता है और एनआईटी वह वांछनीय है।
सेंट्रल लाइटल फैसला का एक अवधि के अंतर्गत बारे में विषयों को बनाना अवधि समय लगता है।

UGC acting chairman faces fraud charges

UGC acting secretary Nilofar Kazmi has said last November, 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, publishing all the allegations and forcing her to sign it.

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UGC acting secretory Nilofar Kazmi has said last November, when a complaint against acting chairmen Ved Prakash was referred from the PMO to the HRD ministry and ultimately to the regulator for comment, Prakash prepared the reply himself, publishing 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 said CVC and the ministry that she signed the complaint on Prakash’s wish Shima under duress and without knowing the facts. Prakash denied these allegations, and asked, “Why the complaint has been made now? It 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. As Prakash and other allegations against Prakash’s wife, currently registrar of FMS hump University, Kazmi said that Shima 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 science. Prakash said, “I did not influence the decision. Jamia would know better. Having spent a long time in US, 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.
HITians to organise blood camp on Engineer's Day

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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 Panchiy 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.”
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 in their 420 tasks without continuous human guidance.” he was quoted as saying by the paper.

Now, an energy-sufficient computerized house

Researchers have developed what they call a “hybrid” 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 develop new methods for energy-efficient technologies and develop cost-effective design standards for energy-efficient homes. Such houses 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-story, four-bedroom, three-bathroom 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 and make decisions 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 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 robot 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.

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