गारीब होनहारों से दूर होती उच्च शिक्षा

अर्न्याईटी और आईआईएम की हाल की फीस बढ़ती के साथ देश संस्थान वार्ता के मेधाति विद्याभिषेकों की पहुंच से और दूर होती गई है।

भारतीय प्रेमप्रिय की संस्थान (अर्न्याईटी) के बाद पश्चिमी रेडिया संस्थान (आईआईएम) ने भी अपनी फीस में बढ़ोत्तरी की घोषणा की है। जल्द ही पश्चिमी रेडिया संस्थान के बाद अमेरिका के दान आयोग के विभाग उनकी घोषणा के साथ समय बंद हो गए। तब तक की तो जहां हाईएम, अमेरिका की मण्डली भी इसी दिन अवालम नहीं करते। अपने बच्चे के भोजन का समय बन गया है। आईआईएम के हाल की फीस बढ़ती से देश संस्थान वार्ता के मेधाति विद्याभिषेकों की पहुंच से और दूर होती गई है।

एक जनवरी के बाद, जब शिक्षा की जरूरतें है तो अपनी संस्थान और तैयार प्रांत संस्थान के लिए अपने प्रतियोगियों से विवाद प्राप्त होता है। देश में अपना जीवन का रास्ता तैयार नहीं है। देश में अपने एजुकेशन समिति में जोड़े गए छात्रों को पहुँच और अपने मानसिक में विस्तार करने का प्रयास कर रहे हैं। इसलिए देश में हाईएम की दोबारा प्राधिकारी राजीनामा को नहीं लिखा गया।

1971 के बाद अर्न्याईटी और आईआईएम की हाल की फीस बढ़ती के साथ देश संस्थान वार्ता के मेधाति विद्याभिषेकों के लिए संस्थान में अपने अपने योगदान दिया।

नवीन सिंह
लेखक,
उदात्त
लेखक
रिकॉर्ड
प्रौद्योगिकी का विकास आम लोगों के लिए है: प्रणब
अनुसंधानकर्ताओं की कमी पर चिंता

भाषा: शिबपुर

राष्ट्रपति प्रणब मुखर्जी ने आज कहा कि प्रौद्योगिकी का विकास आम लोगों के लिए के लिए किया जाना चाहिए और अन्तर्राष्ट्रीय, उद्योग, विकास क्षेत्र जैसे अन्य क्षेत्रों में कुशलता अनुसंधानकर्ताओं की देश में कमी है। उन्होंने कहा, 'अकाल मैं देखा है कि अंतर्राष्ट्रीय प्रौद्योगिकी, परमाणु उर्जा, और के साथ ही विज्ञान एवं प्रौद्योगिकी विभाग इंजीनियरिंग अनुसंधान क्षेत्र में सामरिक क्षेत्र में अनुसंधान करते रहे हैं।'

राष्ट्रपति बंगाल इंजीनियरिंग इंडस्ट्रीज मिलिटरी (बेसु) के जंगली वरिष्ठ अधिकारी को बुधदेव मुखर्जी ने कहा, 'आप विज्ञान की सीमाओं को तोड़ते हैं और नई तकनीक खोजते हैं, इसलिए मैं आपको याद दिलाना चाहिए कि आपके प्रयास वाले और वाले रणनीति सभ्यता की सुरक्षा लेने के लिए लोगों की हमेशा प्रति रहे हैं।'

राष्ट्रपति ने कहा कि राष्ट्रीय और अनुसंधानकर्ताओं उद्योग के साथ तंत्रज्ञाताओं संबंध स्थापित कर सकते हैं जिसका प्रौद्योगिकी के विकास और उसे उन्मुक्त बनाना हो जो लोगों की हमेशा प्रति रहे हैं।

शिबपुर। बंगाल इंजीनियरिंग इंडस्ट्रीज के 13वें वीडियो समारोह में एक प्रमुख विशेष अंतरराष्ट्रीय विषय का गठन करते पश्चिम बंगाल के राष्ट्रपति।
अहम क्षेत्रों में कुशल शोधकर्ताओं की कमी: प्रणब

बंगाल इंजीनियरिंग एंड साइंस यूनिवर्सिटी के दीक्षित समारोह को संवोधित कर रहे थे राष्ट्रपति

शिबपुर. (एजेंसी)। राष्ट्रपति प्रणब मुखर्जी ने कहा कि प्रौद्योगिकी का विकास, लोगों के फायदे के लिए होना चाहिए। हलाकि देश के अंदर, अंजन, बिकिस्तात्वक रूप से जिसे अहम क्षेत्रों में कुशल अनुसंधानकारियों की कमी है। राष्ट्रपति शानदार के बंगाल इंजीनियरिंग एंड साइंस यूनिवर्सिटी (बसू) के दीक्षित समारोह को संवोधित कर रहे थे। उन्होंने कहा कि, "आमँसा मीने देखा है कि अंतरिक्ष प्रौद्योगिकी, परमाणु उर्जा, रेडा के लिए ही विकसित प्रौद्योगिकी और प्रौद्योगिकी प्रौद्योगिकी में मुलाकात इंजीनियरिंग अनुसंधान जैसे सामरिक क्षेत्रों में अत्यधिक कमजोरी से आगे बढ़े लेना की कमी है।"

राष्ट्रपति ने कहा कि विज्ञान और अनुसंधान क्षेत्र में राष्ट्रीय सहभागी भूमिका करने वाले लोगों की कमी है। उन्होंने कहा कि, "आमँसा मीने देखा है कि अंतरिक्ष प्रौद्योगिकी, जैसे समय, रेडा और अन्य क्षेत्रों में अत्यधिक कमजोरी से आगे बढ़े लेना की कमी है।"

एसोसिएशन प्रौद्योगिकी, किमियोट रेडा और प्रौद्योगिकी ओवर टेक नामक समारोह में स्नातक और स्नातकोत्तर कार्यक्रमों की स्थापना करने के लिए उन्होंने वेबसाइट की प्रणाली की। राष्ट्रपति ने कहा कि समारोह के दौरान अनुसंधान क्षेत्र में अत्यधिक कमजोरी की कमी है। उन्होंने कहा कि राष्ट्रपति ने कहा कि समारोह के दौरान अनुसंधान क्षेत्र में अत्यधिक कमजोरी की कमी है।
Defiling the holy river

The Ganga

By VISHA DHAMA

In spite of crores being spent on action plans, the Ganga and Yamuna waters are anything but pristine. Maintaining the basic flow and involving ground players could be the first step in infusing fresh life into the polluted rivers.

Despite the millions of pilgrims, ash-covered ascetics, dog-eared scarlets and wide-eyed tourists that usualy flock to the Mecca of Allahabad, there is a new class of visitors the religious gatherings have attracted this year: academics and students from Harvard University.

Intrigued by the sheer scale and complex dynamics of the mela, a group of top Harvard academics have been quietly working on a multinational project to study its various aspects. The effort is called "Mapping India's Kumbh Mela," and aims to figure out just how tens of millions of India's pilgrims are being brought to one spot to celebrate this ancient religious pageant.

"There's nothing like the Kumbh Mela," says Harvard professor of political science Daniele Fattore. "It's a unique phenomenon, and it's fascinating."

ONE FOR THE THESIS: Students at work at the Kumbh Mela

Publication: The Times Of India Date: Jan 20, 2013; Section: Front Page; Page: 3

Kumbh mystique now draws Harvard dons

Academics Intrigued By Mela's Size, Dynamics

Praveen Dass

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OXFORD COLLEGE SUED OVER USING WEALTH ‘MERIT’ FOR APPLICANTS

Daniel Boffey
letters@hindustantimes.com

LONDON: An Oxford college is being sued for discriminating against poorer students applying to study for postgraduate courses. St Hugh’s, which was founded in 1886, is being taken to court for choosing applicants not just on academic merit, but also on their ability to prove they can pay tens of thousands of pounds for tuition fees and other living expenses.

It is claimed that, along with other Oxford colleges, St Hugh’s is “selecting by wealth” in asking students with a conditional place at the university to demonstrate that they hold funds to cover tuition fees, plus at least £12,900 a year for living costs. The university refuses to take into account projected earnings from students who plan to carry out paid work during their course and has only one means-tested scholarship available.

Legal papers submitted by Damien Shannon, 26, who was barred from taking up a place that he won to study economics because he did not have access to a total of over £21,000 for fees and living costs, said:

This month leaders at 11 universities told the Observer of their concerns about the socially divisive impact of rising tuition fees in response to teaching grant cuts and a lack of finance for prospective postgraduate students.

IIT-B grads get 10% jump in salary offers

Deepa Nair
Nivedita Ganguly
Mumbai, Jan. 19

Students of the prestigious Indian Institute of Technology-Bombay (IIT-B) have got a 10 per cent jump in offered salaries despite the global economic slowdown.

Last year, 65 firms offered salary packages of over Rs 9.5 lakh a year, 43 firms offered between Rs 8 lakh and Rs 9.5 lakh and 61 companies offered packages between Rs 5 lakh and Rs 6.5 lakh. This year, the salary packages offered have been higher, said S. K. Mehta, Assistant Placement Officer, IIT-B.

100 COMPANIES

“Recruiters have already made around 900 offers to about 880 students so far. Around 600 students have yet to get placed,” Mehta said.

More than 100 companies are expected to visit the campus in the ongoing second phase of placements at the IIT-B. The first phase that started on December 1 saw over 240 companies making job offers.

Analytics, consulting, education, engineering and processing, finance, FMCG, IT/Software have been the main industry verticals hiring students.

Boston Consulting Group, McKinsey, Deutsche Bank, Goldman Sachs, Schlumberger, Morgan Stanley, Samsung, Google, Sony, Credit Suisse, Amazon, Adobe, Oracle, Yahoo, LinkedIn, Twitter etc. and digital marketing company Rocket Fuel have hired students.

SOME OPT OUT

“While two companies in the engineering and technology sector offered maximum jobs, 10 in the finance sector have offered 50 jobs. Offers from the finance sector have also increased compared to last year,” Mehta added.

Around 25 per cent of the students did not sit for placements this year.

“A few of them may be looking to become entrepreneurs and starting their own ventures, some others may go for higher studies or may have other career plans,” said Mehta.

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DEEP UNDER ANTARCTICA, LOOKING FOR SIGNS OF LIFE

A US project that has set out to drill into a lake under the Antarctic ice could yield surprises.

JAMES GORMAN

Three major scientific projects set out this season to seek evidence of life in lakes deep under the Antarctic ice—evidence that could provide clues in the search for evidence of life elsewhere in the solar system, perhaps in Mars' past, or even now under the surface of Enceladus, one of Saturn's moons. But only one of the projects, a $10 million expedition from US, has a chance of identifying long-hidden microbes before the season's end, said an expert on the project's executive committee, Hans-Otto Stiller of Columbia University's Lamont-Doherty Earth Observatory, who studies the behavior of ice sheets with radar and other techniques, said the subglacial Antarctic lakes hold "very exceptional conditions that have never really been explored." We don't know there are going to be surprises," he said in a conference call in December with the two other members of the project's executive committee, from D. Powell of Northern Illinois University, and Slawek Tulaczyk of the University of California, Santa Cruz. Priscu and Tulaczyk were getting ready to fly to Antarctica. Powell was already at McMurdo Station, the US scientific base there.

Priscu is hopeful, he said, given that "10 years of circumstantial evidence suggest that 'there should be a viable microbial community that's living in the dark and the cold.'" The project is called WISSARD; for Whillans Ice Stream Subglacial Access Re
cess Drilling. Both the Russian and British projects aimed to reach waters under two or more miles of ice. Lake Whillans lies under a half-mile of ice. For all three, there is no plan to power living cells, only minerals and heat from the earth's interior. While life is known to survive in the deep ocean without photosynthesis, nothing like cold, freshwater depths have ever been explored. Robin Bell, a senior research scientist at Columbia University's Lamont-Doherty Earth Observatory, said the subglacial Antarctic lakes hold "very exceptional conditions that have never really been explored." We don't know there are going to be surprises," she said in a conference call in December with the two other members of the project's executive committee, from D. Powell of Northern Illinois University, and Slawek Tulaczyk of the University of California, Santa Cruz. Priscu and Tulaczyk were getting ready to fly to Antarctica. Powell was already at McMurdo Station, the US scientific base there.

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The project involved not only developing and testing a hot-water drill with a filtering system to prevent contamination of the buried lake, but also testing the drill along with the submersible and a laboratory capable of on-site analysis of water and sediment samples—over 500 miles of ice, from McMurdo Station to the Lake Whillans site. He said, the nearly 400 known buried lakes affect the movement of ice above them. They can serve as a kind of lubricant between the mountains and valleys of the Antarctic continent's ice mass, and the vast amounts of ice under which it is buried.

The WISSARD team will also be taking samples from the sediments at the bottom of the lake, to look for living microbes or chemical evidence of past activity. Subglacial microbes may, for instance, be changing the mineral composition of the water, freezing inside them that then flows into the ocean around Antarctica.
January 21

HT Amritsar

Ved Prakash

UGC GETS CHIEF AFTER 2-YR WAIT

NEW DELHI: India’s apex higher education regulator, the University Grants Commission, has a new chief after two years, with the Centre picking acting chairman Ved Prakash for the panel’s top job.
IIT studies pollution at Metro stations

NEW DELHI: Are you breathing polluted air in the underground Metro? This is precisely what the Indian Institute of Technology (IIT) Delhi is trying to find out. Are the tens and thousands of commuters inhaling polluted air and what impact will this have on their health?

The IIT’s civil engineering department and the Delhi Metro Rail Corporation (DMRC) have undertaken the study to find out the levels of pollutants in the air at the Patel Chowk and Chandni Chowk stations. The IIT will also formulate an indoor air quality monitoring protocol - the minimum air quality limits - for Delhi Metro stations and precautionary measures to be taken.

Metros across the world have such standards and the moment the pollution level crosses the minimum limit, automatic measures come into effect to neutralise the rising levels. “Through the study we want to know the level of pollution at underground Delhi metro stations,” Mukesh Khare, the IIT professor heading the project, said.

“Every day, hundreds of thousands of people commute by the Metro and sometimes all of us must have felt nauseating and suffocating while standing at a station or inside a train. A drop in oxygen levels and poor air circulation are among the main reasons for this,” Khare pointed out.

An IIT team has placed air monitoring instruments at the two stations and data is being collected at different time periods - peak and non-peak hours.

“We will collect the data of the quality of air at two stations for a year. At underground stations air is circulated by the air conditioning system but most of the time, its periodic maintenance is not done, which adds to the problem,” said Khare.

“The air-conditioning system takes air from outside and circulates it inside. The air in Delhi is very polluted and it is for sure that the air circulated is also polluted,” he added. The final results of the study will be available only in 2015 as analysis of data will take about two years.

“However, if anything alarming or significant emerges during the study period, this will be looked into, a DMRC official said.

Khare said that former DMRC chairman E. Sreedharan had shown interest in initiating the project but it was commissioned by present chief Mangu Singh.

About the basis of selecting the stations for the study, the professor said they were looking for those with high and low footfalls. This led them to select Patel Chowk, which sees a low turn-out, and Chandni Chowk, which leads to the walled city market and attracts shoppers and tourists.

“Chandni Chowk has very high footfalls and many businessmen also travel on this route while Patel Chowk gets fewer footfalls,” Khare said. He said through the study people will get to know about the air they inhale at underground and its impact on their health. At present 43 km of the 193-km system is underground.

The study is important as with the completion of Phase-III in 2016, DMRC would cover almost 70 per cent of Delhi. This line will be a combination of elevated (95 km) and underground (45 km) tracks.

“The study will help in assessing the pollution levels at Metro stations and the precautionary measures to be taken,” a Delhi Metro official said. Delhi Metro makes over 2,700 trips a day and ferries around 1.8 million passengers on weekdays.
Pollution check at Metro stns by IIT

New Delhi: IIT Delhi's civil engineering department and the Delhi Metro Rail Corporation (DMRC) have undertaken a study to find out the levels of pollutants in the air at the Patel Chowk and Chandni Chowk stations.

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Air monitoring instruments have been placed at the two stations and data is being collected at both peak and non-peak hours.

"We will collect data for a year. At underground stations air is circulated by the air conditioning system but, mostly its periodic maintenance is not done, which leads to passengers sometimes feeling nauseous and suffocated," said Mukesh Khare, the IIT professor heading the project.

The final results of the study will be available only in 2015. However, if anything significant emerges during the period, it will be looked into, a DMRC official said.

The study is important as with the completion of Phase-III in 2016, DMRC would cover almost 70 percent of Delhi. p7

Govt to roll out red carpet for top Indian scientists working abroad

PRESS TRUST OF INDIA

New Delhi

SEEKING to inspire researchers, government plans to roll out the red carpet to attract top Indian scientists working abroad to spend some time in institutions in New Delhi.

As per the plans, such 'very high quality' scientists would be offered an annual remuneration of Rs.1,00,000 (approx. Rs. 50 lakhs) in addition to fully furnished accommodation and relocation expenses for a minimum of one and up to three years in India.

Planning commission deputy chairman Montek Singh Ahluwalia has mooted this proposal in a 'conceptual note' circulated to secretaries of scientific departments of the government.

Ahluwalia has called a meeting of secretaries of science department on Tuesday to discuss the proposal to set up new National Jawaharlal Nehru Science Fellows, as the scheme is to be called.

The fellowships would be offered to selected scientists who have achieved a degree of international distinction in areas of scientific research that correspond to our national priorities, says the note circulated by the Plan panel.

The selected candidates could be approached to ascertain their interest in taking up the fellowship, which could be for a minimum of one year and up to three years, it said.

Officials said China had implemented a similar scheme and had reaped benefits:

National Jawaharlal Nehru Science Fellowships to be offered to 'very high quality' scientists with annual remuneration of Rs 1,00,000 succeeded in attracting over 1,000 of their scientists working abroad to return to their homeland for varying periods of time.

Once selected, all scientists may be given an option to take up the fellowship at a time of their choosing but within three years of their selection.

The note said that injecting top class scientists into our institutions would have many advantages in terms of a positive impact on research and also motivate younger scientists.

The note said that a set of national institutions keen to host such scientists could be pre-selected on the basis of quality.

These professors would not be on the staff of the institutions and would be paid for directly by the centre.

An annual remuneration of Rs 1,00,000 or even more in some cases, plus fully furnished accommodation plus some relocation expenses could be considered," the note said.

The professors thus selected would also have access to research support grant, part of which would go to the institution to cover the cost of research infrastructure.

They may also have the option to hire up to two research scholars of their choice, to work with them. Australia, too, has come out with a similar scheme that provided positions at three times the normal remuneration for top class Australian scientists working abroad, they said.

The Plan Panel proposes to select 25 scientists under the scheme to begin with, as a pilot project. It plans to increase it in stages to 100 scientists. The planning commission also hopes to rope in companies in the scheme allowing them offer such scholarships and let the scientists be associated with their laboratories.
After the Masters programme in mathematics education, a joint-degree programme initiated by Delhi University (DU) and Jamia Millia Islamia (JMI) University, under the Meta university concept has commenced; The next project in the pipeline is public health. The programme is expected to start in July 2013 in the new session. Jamia will be initiating the project in public health, in which all the four Meta universities, including Jawaharlal Nehru University (JNU) and Indian Institute of Technology (IIT)-Delhi, will be participating. "It will be a two-year (four-semester) Masters degree programme. We will be organising a meeting to discuss the structure of the course this month," says SM Sajid, registrar, JMI.

The course will be designed in a manner that students can be located at each institution for a semester, while faculty will be on the move. "The programme will be an inter-disciplinary programme, which will have elements from various disciplines," informs Sajid.

> For full story, click on 'Degree' under 'Courses' on www.educationntimes.com
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Robotics Championship to begin

The National Robotics Championship 2013, an IIT Kharagpur initiative, will begin on Monday at Park College of Engineering and Technology (PCET) on the outskirts of Coimbatore.

HT Indore
50-metre-tall Skywalk Clock Tower to come up at IIM-Indore

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INDEO: Think of Indian Institute of Management, Indore (IIM-Indore) and you have picture of an aesthetically done circular sandstone building on the top of a hill. Fast forward to the future by eighteen months and this image would probably be taken over by that of a clock tower, which is proposed to be built on the campus.

The design of the Skywalk Clock Tower has been inspired by the Bandra-Worli Sea Link (BWSL) in Mumbai, officially called Rajiv Gandhi Sea Link (see picture). It would have cable-stayed skywalk, including a 50-metre-tall tower with a hanging bridge of nearly 160 metres.

With an investment of Rs 105 crore in the fifth phase, IIM Indore would set up a hostel for IPM students, a Skywalk with Clock Tower, administration building, 30 faculty residences, 12 apartments for visiting faculty, main gate and allied services.

Groundbreaking ceremony to mark the beginning of the construction project was held at site in IIM Indore campus at the foot of Prabhaad Shikhar on Saturday.

Talking to the media after the pooja, director of the institute N Ravichandran said, “We need accommodation for 600 students of Integrated Programme of Management so this phase would take care of a hostel for them. We also plan to recruit more faculty members and take the number from 50 to 80 and hence we need to have 30 more residences for them.”

He added that the faculty quarters would be in a multi-storeyed building with four flats on each floor. The administrative office would be shifted into one new building, which would be constructed now. There would be 12 new apartments for the visiting faculty.

“We would also have a Clock Tower with skywalk. Many well-known colleges are known by the clock towers, we want IIM-Indore to have such structure which become a landmark,” said Ravichandran.

This construction has several inter-connected initiatives, which include recruitment of faculty, expansion of student intake capacity, establishing centres in other parts of India as well as abroad and introducing new programmes ensuring quality education, and increasing intellectual competency of IIM Indore, said the director.

The institute currently has infrastructure for a batch size of 450 students of Post Graduate Programme and 120 students of the Integrated Programme in Management (IPM), hostel for doctoral programme students, additional space for executive participants, lectures halls, class rooms, faculty houses, 18 staff accommodations, a state-of-the-art sports complex, a 520-seat auditorium and other campus amenities like a medical centre, shopping complex etc.

In addition to this, campus development work covering the extension of children park, renovation of boundary wall, surveillance road, skywalk, covered parking, baby swimming pool, watchtowers, tennis court, plastering and painting on existing buildings will also be undertaken at an estimated cost of Rs 15.13 crore. This work is slated to get over in next eight months.
POLICE TO FIGHT NAXAL LURE WITH IITIANS

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PATNA: The efficacy of education in weaning away youth from left-wing extremism is being put to test in Maoist-affected Rohtas district of south-western Bihar.

A group of IITians joined hands with the Rohtas police to impart free coaching to students from about 30 villages in Nauhatta block of the district, a hotbed of naxal activity.

The students will be coached in a wide range of examinations. The list of programmes on the anvil include those oriented to secondary, higher secondary, medical and engineering examinations.

“About 800 students from some of the poorest areas had already enrolled for the coaching programmes”, said Rohtas SP.
Tapping into a network for ‘elite’ lessons

Delhi University V-C Dinesh Singh, pictured taking a class, will introduce Harvard professor Michael Sander’s inaugural lecture.

By Neha Pushkar in New Delhi

A LECTURE to be held at Delhi University on Wednesday will be witnessed in at least 500 universities and colleges across the country.

This public lecture is going to be the first grand showcase of the much-awaited National Knowledge Network created by the government to connect all educational institutions.

DU plans to use the network to initiate academic cooperation with other institutes in the country by sharing content and expertise.

Professor Michael Sandel from Harvard University will speak on ‘Democratising Information, Justice, Equality and the Rule of Law’ from the convention hall of the Vice-Regal Lodge at North Campus.

Students, faculty members and the public will be able to pose live questions and take part in the discussion, geographical barriers notwithstanding.

“We have done trials earlier but this is an official launch of the network,” professor Dinesh Singh, vice-chancellor of DU, who will deliver an introductory address before the lecture, said.

The institutions linked to the network include IIT-Delhi, IIT-Bombay, IIT-Madras, IIT-Kanpur.

To be launched on Wednesday

The creation of the National Knowledge Network was one of the recommendations of the NKC commissioned by PM Manmohan Singh in 2005 to suggest ways to build a knowledge economy. As part of the network, an Internet connection is provided to every educational institution bringing all of them under a local network. Such an arrangement will now enable seamless sharing of academic content.

At DU, the network will now be used to connect with institutions such as IITs and other universities in the city.

“We are planning to use the network in two to three major ways. I am in talks with IIT-Bombay which has a well-known robotics department. The facility there will help us with our robotics centre at DU’s Cluster Innovation Centre. The courses there will be routed through the National Knowledge Network,” professor Singh said.

He added that he was also trying to tie up with a faculty member in the mathematics department for math education in DU.

“The Meta University set up by DU and Jamia Millia Islamia will also use this network,” he said.

The varsity is also ready to help other institutes by sharing its video lectures, e-text and audio content on the network.