**NEW DELHI:** In a bid to educate 10 lakh students of over 850 Delhi schools about traffic rules within three months, the Delhi Police on Thursday kicked off a ‘School Road Safety Awareness’ drive.

During the campaign, which was inaugurated at IIT here by Police Commissioner Alok Verma, the students will be made aware of various road safety guidelines through lectures and interactions with Delhi Traffic Police Road Safety Cell.

“A child who learns about traffic rules and road discipline would grow up to be a law-abiding citizen. The habit of obeying traffic rules teaches a person a sense of responsibility, empathy for others and respecting the other person’s rights,” Verma said at the launch event.

“Children should be sensitised about their personal safety too and issues pertaining to cyber security and teachers should motivate students to always share their problems with their elders,” he added.

During the campaign, 860 traffic police officers will visit a total of 866 Delhi schools during assembly session and educate students about road safety, traffic rules and other mandatory steps to be followed on roads to avoid accidents.

The official will also engage students in different competitions such as road safety quiz, slogan writing, drawing, among others.
‘PLANS AFOOT TO INCREASE SEATS IN IITs, IIMs AND CENTRAL UNIVS’

HT Correspondent

VARANASI: Union HRD minister Prakash Javadekar on Thursday said the intake of students would be increased at the IITs, IIMs and central universities. “We want to increase the number of seats at IIMs, IITs and central universities. The institutions are preparing plans to increase the intake of students. The issue has been discussed in detail with the vice-chancellors,” he said. In the meeting, the VCs also agreed to increase the number of seats.

Javadekar said all universities had been asked to submit their individual plans by next month to ensure more students get admissions. “We are seriously working on the plan,” he said.

FORMULATING POLICY TO ENSURE NO REPEAT

VARANASI: Javadekar also said the Centre was formulating a concrete policy to prevent another Rohith Vemula-like incident in the future. When asked on Thursday about the findings of the panel formed to look into the suicide of the University of Hyderabad scholar, Javadekar said he could not comment on the report as he had not received it yet.

Educating the teachers

What India needs is a PPP model in education

The skills-gap of teachers is increasing across academic disciplines, and it is not a good sign for an emerging economy like India. Since, teachers are directly involved in grooming tomorrow’s leaders, it becomes imperative to improve the quality of teachers and also narrow down the skills-gap.

Infact, Nobel laureate "Bose Nobel" prize winner Raj Chetty, in his research on value addition by teacher, states that a good teacher can create substantial economic value for students.

While a bad teacher, who has worked for more than a decade in an institute, creates a loss of $2.5 million. His research, primarily highlights that the skills-gap in teachers can hurt the economy as it can cause huge losses in the long run.

As this is an important phase for the Indian economy, we need quality teachers, trainers, researchers to create young and dynamic leaders. Premier Indian management institutions have been successful in recruiting global talent from Yale University, New York University, MIT, etc. during the 1990s and 2000s, but others need to be the same.

While as an emerging country, India is attracting global investments, in the form of foreign institutional investment and foreign direct investment, it has failed to attract academics from top universities of the world.

For many years, teachers in India were undergoing several challenges in teaching, research and training owing to bad management of educational institutions. Now, it is necessary to provide appropriate skill development training for teachers across the areas of academic disciplines, both in sciences as well as humanities.

Despite the country having 52 universities and 36,000 degree colleges, there are serious concerns about the quality of education and availability of qualified teachers. So much so that President

MHRD and other regulatory bodies in higher education should maintain their focus on grooming new faculties in the areas of teaching and research according to market requirements and demands

Shukla is an assistant professor account.
Canara Bank to set up finance agency to fund higher education infrastructure

Joint venture with HRD Ministry to have capital of ₹2,000 crore

OUR BUREAU
Mumbai, October 6

The Ministry of Human Resources Development (MHRD) has appointed Canara Bank for establishing the Higher Education Financing Agency (HEFA).

“Consequent upon completion of the process of inviting, examining and selection based on the notice of expression of interest for identifying a joint venture partner for establishment of HEFA, the Ministry has appointed Canara Bank for establishment of Higher Education Financing Agency (HEFA),” the bank said in a stock exchange notice.

It is aimed at giving a major push for creation of high quality infrastructure in premier educational institutions, including IITs, IIITs, NITs, IISERs, and Central universities.

Subject to approvals

The bank said it has initiated steps to operationalise the HEFA subject to necessary approvals / permissions from the regulator/s and the Government of India.

Last month, the Ministry said the HEFA would be jointly promoted by the identified promoter and the MHRD with an authorised capital of ₹2,000 crore. The government equity would be ₹1,000 crore.

The HEFA would be a special purpose vehicle. It would leverage the equity to raise up to ₹20,000 crore for funding projects for infrastructure and development of world class Labs in IITs/IIITs/NITs and such other institutions.

It would also mobilise CSR funds from PSUs/corporates, which would in turn be released for promoting research and innovation in these institutions on grant basis.

The HEFA would finance the civil and lab infrastructure projects through a 10-year loan. The principal portion of the loan will be re-paid through the ‘internal accruals’ (earned through the fee receipts, research earnings etc.) of the institutions.

The government would service the interest portion through the regular Plan assistance.

Interest subsidy

Canara Bank is also the nodal bank for administering the Central scheme to provide interest subsidy during the period of moratorium on educational loans for students belonging to economically weaker sections (with parental income from all sources up to ₹4.5 lakh per annum).

The scheme is effective for all educational loans as per Indian Banks’ Association’s model education loan scheme, sanctioned to eligible students in respect of courses in technical and professional streams from recognised institutions in India, disbursed from the academic year 2009-10.

Shah Times ND 07.10.2016 P-06

आईआईटी में उस्तव की तैयारी

नई दिल्ली। विश्वविद्यालय के अध्यक्ष प्राकृतिक विज्ञान विभाग के अध्यक्ष डॉ. जयसिंह ने आईआईटी खंडपुर के रायगढ़ के विभाग के प्राकृतिक विज्ञान विभाग के संस्थापक डॉ. एडवर्ड जेम्स के साथ की हड़प्पा उर्मिया की उपस्थिति में उस्तव की तैयारी की। उस्तव का मुख्य उद्देश्य है कि यह आईआईटी के प्राकृतिक विज्ञान विभाग के संस्थापक डॉ. एडवर्ड जेम्स के नामकरण का समापन करेगा। उस्तव का मुख्य प्राकृतिक विज्ञान विभाग में तैयारियां हो रही हैं। इसका प्रमुख उद्देश्य है कि सार्वजनिक उर्मिया की उपस्थिति में उस्तव की तैयारी की।
IIT-Madras partners with IOC

GK Acharya, General Manager from IOCL (R&D) Faridabad, exchanging MoU with Prof Krishnan Balasubramanian, Head of Centre for Nondestructive Evaluation IIT Madras, along with R Sundaram, CTO, ICSR, IIT

Hyderabad: Indian Institute of Technology Madras (IIT Madras), signed a memorandum of understanding with Indian Oil Corporation Ltd to enter a technical cooperation to develop Specification for the Hybrid Inspection System for Reformer Tubes under MOC-Phase-III.

Tubes are used in several industries for Hydrogen Crackers. Reformer tubes normally used in the refining, petrochemical and fertiliser industries are manufactured by the centrifugal casting process and heat-resistant austenitic alloys such as HK -40, HP-40, and HP -Niobium modified materials.

A design life of 100,000 operating hours has been the normal time-based criteria for considering retirement of tubes. Many operators of furnaces using such tubes desire to change their maintenance philosophy for tube retirement to condition-based assessment rather than time-based assessment.

At a cost of several thousands of dollars per tube and a retubing cost of $1MM-$4MM, a significant amount of capital can be inadvertently applied if tubes are retired either too early or too late.

In this project, a new approach to the Non-destructive Evaluation of reformer tube creep damage that can be employed in the industry will be developed and validated in a collaborative effort between the Centre for Non-destructive Evaluation at IIT Madras and IOCL (R&D) Faridabad.

“MoU between IIT Madras and Indian Oil Corporation Limited will help enhance productivity, increase efficiency and reduce cost. IIT Madras is happy to collaborate with PSUs for their industrial research requirement” said Prof Krishnan Balasubramaniam, Head of Centre for Non-destructive Evaluation (CNDE), IIT Madras and Dean of Industrial Consultancy and Sponsored Research (ICSR).

IIT-B satellite can now be tracked online
http://timesofindia.indiatimes.com/city/mumbai/IIT-B-satellite-can-now-be-tracked-online/articleshow/54727398.cms

MUMBAI: Mumbai’s first satellite, Pratham, designed and developed by the students of IITBombay can now be easily tracked by any member of the public having a computer.

If one wants to know the current location of the Mumbai-made satellite, all one has to do is to log on to
http:www.n2yo.com - a real time satellite tracking website - and in the menu, select one of the options and then click on Pratham. When the page appears you can see the spacecraft moving in its orbit in real time. On Thursday about 6 pm, Pratham was passing over Australia at an altitude of 698.68 km at a speed of 7.5 km per second.

The North American Aerospace Defence Command (Norad) has also assigned Pratham a formal identity. Pratham was launched on September 26 along with seven other satellites by ISRO.