

## Newspaper Clips

### October 7, 2016

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# Police to educate students on road safety

## OUR CORRESPONDENT

**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 kick-started 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



**Police Commissioner Ajay Kumar Verma addresses at the Annual School Road Safety Awareness Programme 2016-17 at IIT auditorium in New Delhi on Thursday**

law abiding citizen. The habit of obeying traffic rules teaches a person a sense of respon-

sibility, 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.

Shah Times ND 07.10.2016 P-06

## दिल्ली ट्रेफिक पुलिस ने किया सेफ्टी जागरूकता अभियान की शुरुआत

नई दिल्ली। दिल्ली पुलिस आयुक्त आलोक कुमार वर्मा ने आईआईटी दिल्ली के डोंगरा सभागार में दिल्ली यातायात पुलिस द्वारा आयोजित समारोह में रोड सेफ्टी जागरूकता अभियान की शुरुआत की इस अवसर पर विशेष पुलिस आयुक्त कानून एवं व्यवस्था उत्तरी एस.बी.के. सिंह विशेष पुलिस आयुक्त कानून एवं व्यवस्था दक्षिण पी. काम. राज विशेष पुलिस आयुक्त यातायात संदीप गोयल संयुक्त आयुक्त यातायात गरिमा भटनागर दिल्ली आई आई ट हेड वी. रामगोपाल राव मौजूद थे। इस अवसर पर दिल्ली पुलिस आयुक्त आलोक कुमार वर्मा ने कहा कि इस जागरूकता कार्यक्रम में हम स्कूलों से सहयोग चाहते हैं। उन्होंने कहा कि हम

बच्चों को कानून का पालन करना सिखाना चाहते हैं हमारे लिए सामाजिक जिम्मेदारी महत्वपूर्ण है स्कूल के प्रिंसिपल इस योग्य होते हैं कि वह बहुत सारे स्टूडेंट को रोड सेफ्टी अभियान में भाग लेने के लिए प्रेरित कर सकते हैं यह एक कॉन्टीन्यूस प्रोसेस है। दिल्ली पुलिस आयुक्त ने कहा कि यातायात के कई महत्वपूर्ण पहलु हैं सबसे पहले हमें बच्चों की सुरक्षा का खयाल रखना पड़ेगा बच्चों को पर्यावरण के प्रति जागरूक रहना चाहिये। इसके अलावा बच्चों को साइबर सुरक्षा के प्रति भी सचेत रहना होगा हमें स्कूलों में साइबर सुरक्षा पर काफी काम करना होगा हमें बच्चों को नेट अनुरासन सिखाना चाहिये हमें बच्चों को नेट के सभी अच्छे और बुरे पहलु के बारे में बताना होगा

उन्होंने कहा कि कानून के पालन करने की भावना हमारे भीतर से आनी चाहिये हमें यातायात के नियम का पालन करना चाहिये विशेषतौर पर यातायात लाइट का पालन और हेलमेट पहनकर गाड़ी चलाना यह दुर्घटना के समय जिंदगी बचाने में सहायक होता है।

इस रोड सेफ्टी अभियान में 860 स्कूलों के करीब दस हजार बच्चों को यातायात नियमों के बारे में प्रशिक्षण दिया जायेगा यह अभियान तीन चरणों में चलेगा पहले चरण में स्कूल लेवल दूसरे चरण में जिला लेवल पर तथा तीसरे चरण में रोज लेवल पर होगा हर वर्ष इस कार्यक्रम में बच्चों को पॉपुलर रोड सेफ्टी पर विज्ञान आयोजित किये जायेंगे जिससे बच्चे यातायात नियमों का पालन करना सीख सकें।



होज खास के डोंगरा हॉल सभागार में दिल्ली यातायात पुलिस द्वारा आयोजित सड़क सुरक्षा जागरूकता अभियान के उद्घाटन अवसर पर उपस्थित दिल्ली पुलिस आयुक्त आलोक कुमार वर्मा, आईआईटी दिल्ली के निदेशक प्रो. वी. रामगोपाल राव व अन्य अधिकारी।

## 'PLANS AFOOT TO INCREASE SEATS IN IITs, IIMs AND CENTRAL UNIVS'

HT Correspondent

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**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



M CHANDRA SHEKAR & MOHD AKBAR ALI KHAN

**T**HE 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. In fact, Stanford professor and "Baby 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 exact 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 1980s and 1990s, but others need to do 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 academicians 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 in humanities.

Despite the country having 732 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

IITs and NITs, while also highlighting that the flow of Indian students to institutions abroad needs to be reversed.

But one needs to understand that skills-gap is a result of differences in policies across the state universities. Though state universities' contribution to the market is huge, lack of co-ordination among the departments and the failed implementation of choice based credit systems is what creates the problem.

Recently, the ministry of human resource development created a corpus from CSR funds to improve the quality of teachers in research. One of the important measures from the ministry is building up of industry linkages to get CSR funds for conducting high level research.

Private enterprises are also at a loss due to absence of necessary skill sets in the job aspirants, which has led them to set up private universities like Munjal University, Shiv Nadar University, NIIT University, Azim Premji University etc. These institutions are creating customised programmes to fulfill industry requirements. More important, they are providing excellent global resources of data bases, training facilities and the best infrastructure. State universities also need to do such collaborations with private enterprises to improve funding from CSR initiatives, which can provide an opportunity for knowledge transfer from practitioners to academicians. We should allow private bodies to collaborate with

**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**

state and central universities to design industry required programmes. This model can create value for the economy and all stakeholders involved in the process.

The 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. Much like the

plan for world-class institutions, the country needs to have a blue-print for building global talent from all groups.

India needs more institutions like the Barefoot College, a non-governmental organisation which trains solar engineers, hand-pump mechanics, communicators and engineers in a range of trades with the motto of 'learning by doing and doing by learning' as these can certainly move the economy higher up in the value chain.

Shekar is an assistant professor, account-

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## 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 spe-

cial 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 repaid 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 उत्सव की तैयारी**

नई दिल्ली। क्षितिज आईआईटी खड़गपुर का वार्षिक प्रौद्योगिक प्रबंधन उत्सव इस बार 27 से 29 जनवरी तक होगा इस उत्सव में संक्षेप में कहें तो प्रतियोगियों, अतिथि व्याख्यान, कार्यशालायें और प्रदर्शनियां होती हैं। क्षितिज की प्रतियोगिताएं प्रतिष्ठित संस्थानों द्वारा प्रमाणित होती हैं जैसे एएसएमई, आईमेकई, आईईईई, एसीएम आदि। साथ ही ऑनलाइन प्रतियोगिताएं भी होती हैं। इनके साथ ही क्षितिज हर साल कई नामी हस्तियों को आमंत्रित करता है जो कि छात्रों के साथ अपनी उपलब्धियों और अनुभवों के बारे में बात करते हैं। पिछले सालों की ऐसी ही कुछ हस्तियां हैं नवाजुद्दीन सिद्दीकी, पीयूष मिश्रा, जिम्मी वेल्स, राकेश शर्मा इत्यादि। इसके अलावा मुफ्त कार्यशालाएं भी होती हैं, जो कि बड़ी-बड़ी कंपनियों जैसे गूगल, माइक्रोसॉफ्ट, इटेली, डीआरडीओ द्वारा आयोजित कराई जाती हैं।

## IIT-Madras partners with IOC

<http://www.thehansindia.com/posts/index/Hans/2016-10-05/IIT-Madras-partners-with-IOC/257274>



*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.