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Navbharat Times ND 14/11/2014 P-15

IIT, NIT भी गोद लेंगे आसपास के 10 गांव

उन्नत भारत अभियान के तहत 50 टॉप इंस्टिट्यूट की पहचान

■ पूनम पाण्डे, नई दिल्ली

मोदी सरकार ने नए तरीके से 'चलो गांव की ओर' मुहिम शुरू की है। इसके तहत देश के प्रमुख एजुकेशनल इंस्टिट्यूट्स जैसे आईआईटी, एनआईटी और केंद्रीय विश्वविद्यालय अपने आसपास के 10 गांवों को गोद लेंगे और उनकी जरूरत के मुताबिक रिसर्च कर उनकी दिक्कतों का हल निकालेंगे। शुरू में ऐसे 50 इंस्टिट्यूट की पहचान की गई है। इसके बाद अन्य इंस्टिट्यूट्स को भी इसमें शामिल किया जाएगा। आईआईटी दिल्ली को इन शिक्षण संस्थानों के बीच कोऑर्डिनेशन का जिम्मा दिया गया है।

यह है मकसद

एचआरडी मिनिस्ट्री के मुताबिक, सरकार चाहती है कि हायर एजुकेशनल इंस्टिट्यूट्स को ग्रामीण विकास के काम में लगाया जाए। इससे समाज और शिक्षण व्यवस्था के बीच सामंजस्य बनेगा। गांवों की ओर खास ध्यान देने की योजना है।

इसे 'उन्नत भारत अभियान' नाम दिया गया है। इस काम के लिए पहचाने गए 50 टॉप इंस्टिट्यूट्स



पायलट प्रोजेक्ट की तरह काम करेंगे। इन शिक्षण संस्थानों की डीटेल तैयार की जा रही है। इनकी कर्पोरैसिटी का आकलन किया जा रहा है। ये शिक्षण संस्थान आसपास के 10 गांवों को गोद लेंगे और उनकी दिक्कतों को पहचानेंगे। उसके बाद वर्कप्लान तैयार करके एचआरडी मिनिस्ट्री को भेजेंगे। आईआईटी दिल्ली इसके लिए अलग से वेबसाइट तैयार कर रहा है, जिसमें सारे प्रस्ताव डाले जाएंगे। लेकिन जब तक वेबसाइट तैयार नहीं हो जाती, तब तक आईआईटी काउंसिल की वेबसाइट में ही इसकी अलग विंडो होगी। बेहतर समन्वय के लिए हर इंस्टिट्यूट में

उन्नत भारत सेल बनाई जाएगी, जिसमें फैकल्टी मेंबर्स होंगे।

हायर इंस्टिट्यूट देखेंगे कि अगर किसी गांव में सिंचाई की दिक्कत है, तो उसके लिए कम लागत वाली तकनीक डिवेलप करेंगे, जिसके जरिए दूर से कम कीमत पर पानी खेतों तक पहुंचाया जा सके। अगर मिट्टी इस तरह की है कि वहां कुछ फसलें नहीं हो पातीं, तो इंस्टिट्यूट यह तलाशने में मदद करेंगे कि किस तरह मिट्टी की क्वॉलिटी सुधारी जा सकती है। उन गांवों का सर्वे कर पहले दिक्कत की पहचान की जाएगी और फिर समाधान तैयार किया जाएगा।

HT.COM ND 14.11.14 P-15

SHRAVAN & SANJAY KUMARAN**CEOs chasing IIT dreams****KV Lakshmana**

CHENNAI: At 14 and 12, Shravan and Sanjay Kumaran are India's youngest CEOs. Their firm GoDimensions has designed seven apps for iPhones and three for Android.

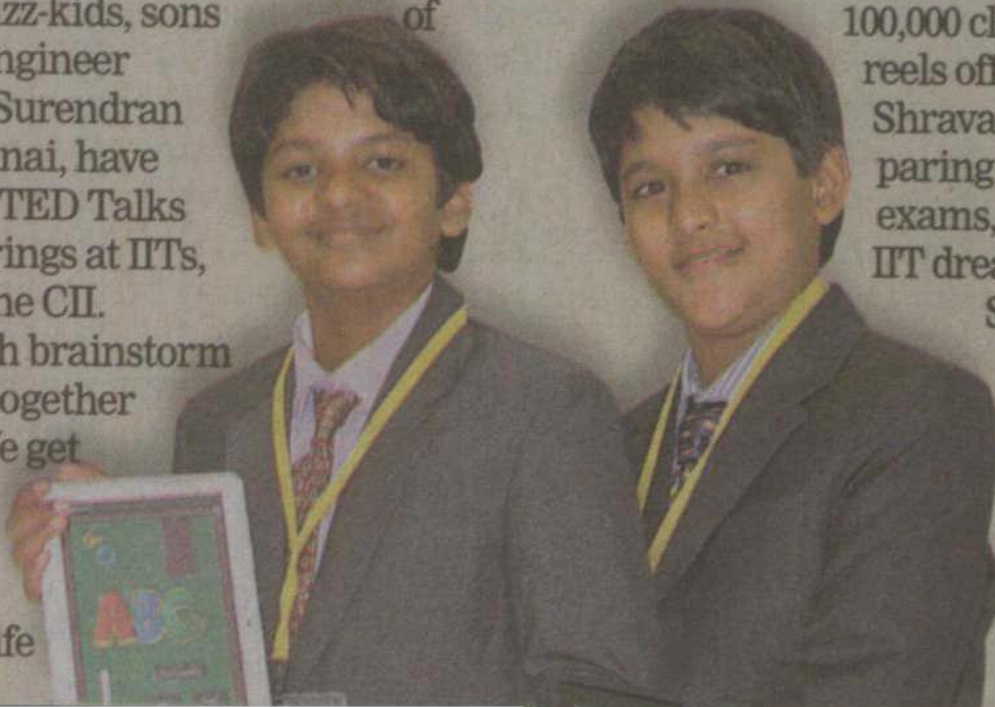
The whizz-kids, sons of software engineer Kumaran Surendran from Chennai, have addressed TED Talks and gatherings at IITs, IIMs and the CII.

"We both brainstorm and work together on apps. We get inspiration and ideas from our daily life

experiences," says Shravan. "But I am more technically oriented and Sanjay is the one who is more creative and comes up with texts and communication materials."

In its fourth year, Go Dimensions has seen 60,000 downloads and 100,000 clicks — Sanjay reels off statistics. Shravan, who is preparing for the class 10 exams, is chasing the IIT dream.

Sanjay, who is in class 8, wants to specialise in business administration after studying computer sciences.



Centre must give greater autonomy to higher educational institutions: NRN

fe Bureau

Bengaluru, Nov 13: The Union government must give more autonomy to higher educational institutions for them to attain a higher quality, like it happens in the West, Infosys founder NR Narayana Murthy said here on Thursday. The role of government bodies like AICTE must be reduced and it should be left to consumers to rate the quality of colleges in the country, he added, while announcing the winners of sixth Infosys Prize for 2014.

"People should decide the qual-

ity and government must take a back seat. We should give more freedom to our higher educational institutions like done in Western countries. Funding will not be an issue if the role of government bodies like AICTE is reduced," Murthy said.

Infosys Prize, instituted by Infosys Science Foundation (ISF) trust of the IT major, is given across six categories: Engineering and Computer Science, Humanities, Life Sciences, Mathematical Sciences, Physical Sciences and Social Sciences. The prize consists of a purse of Rs 55

lakh, a 22-karat gold medallion and a citation certificate for each category, making it one of the most lucrative awards in the country.

Jayant Haritsa, Professor, Supercomputer Education and Research Centre and Chair of Department of Computer Science and Automation, Indian Institute of Science, Bangalore, was awarded the Engineering and Computer Science prize. In the Humanities category, Shammad Basheer, founder and managing trustee of Increasing Diversity by Increasing Access, Bangalore won the prize.

Times Of India ND 14/11/2014P-29

From precarious perch, Philae beams back images

Rocket Stable After Bouncy Landing On Comet, But Not Out Of Danger Yet

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London: The European Space Agency's (ESA) Philae lander beamed back the first images ever from a comet to Earth on Thursday.

The lander scored a historic first on Wednesday when it touched down on comet 67P/Churyumov-Gerasimenko after a decade-long journey through space on its mother ship Rosetta.

The probe is now stable but not yet out of danger after getting uprooted from the comet.

ESA scientists endured a nervous Wednesday after it em-

erged that the probe landed not once but three times on the surface of the comet. On landing the first time, it failed to anchor itself while the second landing did not happen on the planned area. It bounced about, which was caused by a combination of the comet's weak gravity and a failure of the lander's thrusters and its harpoons. It was feared that if Philae failed a soft landing, it could hurtle away into space.

The comet is four billion years old with a mass of 10 billion tonnes, hurtling through space at 18km/s. The Rosetta mission,



NO PLACE TO REST: The ESA's rocket Philae after it landed safely on the comet named 67P/Churyumov-Gerasimenko on Wednesday

originally conceived 25 years ago, travelled 6.4 billion km to reach the comet. Philae sent images of

the icy grey comet during its approach and is now precariously sitting on the edge of the comet

next to large boulders. ESA said: "Philae is now stable, even after magnetic field analysis from the craft reported three separate landings — suggesting a high initial bounce and a second smaller one."

ESA chief Jean Jacques Dordain said the landing was a "big step" for humans.

The agency said: "Rosetta is operating nominally, the network systems and overall ground segment to control the mission are nominal. On Wednesday night, Rosetta lost contact with Philae as expected when it orbited below the horizon just after midnight India time.

Contact was re-established on Thursday morning (12.30 IST) and the Philae-Rosetta radio link was initially unstable. As Rosetta

rose higher above the Philae landing site, the link became very stable and the lander could transmit telemetry (status and housekeeping information) and science data from the surface."

The team is now planning a manoeuvre on Friday that will help keep the Rosetta mission where it should be.

"We are sitting with the weight of the lander somehow on the comet," said project manager Stephan Ulamec. "We are pretty sure where we landed the first time, and then we made quite a leap. Some people say that it is in the order of 1 km high."

Because the anchors are now unstable, scientists are unsure if they'll be able to drill into the surface to collect samples.

IIT Ropar to hold convocation tomorrow

Hindustan Times (Chandigarh)

RUPNAGAR : The third convocation of Indian Institute of Technology (IIT) Ropar will be held on the institute's campus on November 15.

I Goverdhan Mehta, a professor of national research at the University of Hyderabad and former director of Indian Institute of Science, Bangalore, would be the chief guest on occasion.

IIT Ropar's board of governors' chairperson Lila Poonawala would preside over the function.

President Pranab Mukherjee to deliver NIT convocation address on Nov 21

<http://economictimes.indiatimes.com/news/politics-and-nation/president-pranab-mukherjee-to-deliver-nit-convocation-address-on-nov-21/articleshow/45134698.cms>

ITANAGAR: President Pranab Mukherjee will deliver the first convocation address of the National Institute of Technology (NIT) here on November 21 when 77 B.Tech graduates will receive their degrees.

Honorary Doctorate of Education would be conferred to Royal University of Bhutan Vice-Chancellor Prof Pema Thinley for his significant contribution in nurturing and promoting values and ethics in higher and technical education.

State Governor Lt Gen (Retd) Nirbhay Sharma, Chief Minister Nabam Tuki and Speaker Nabam Rebia would be among the dignitaries scheduled to attend the convocation.

Govt reviewing key regulators like UGC, AICTE for education reforms: Smriti Irani

<http://www.firstpost.com/india/govt-reviewing-key-regulators-like-ugc-aicte-education-reforms-smriti-irani-1801663.html>

New Delhi: HRD Minister Smriti Irani on Thursday said that key regulators in the higher education sector, like UGC and AICTE, are being reviewed keeping in mind the challenges of the future.



Smriti Irani said government was reviewing key regulators in education. Reuters

"I am happy to share with you... be it UGC, be it AICTE, or the National Council for Teachers Education... We have undertaken review of most of our regulatory bodies," Irani said.

She said that the review was essential to bring about a holistic change in the functioning of the institutions of learning and to take the education agenda ahead in the country.

Addressing the FICCI Higher Education Summit here, Irani said that as the Human Resource Development (HRD) Minister, she wants to "redefine India's destiny" through reforms in the education sector.

Her comments came against the backdrop of her ministry setting up separate committees to review the functioning of UGC, AICTE and NCTE.

"There are many who see education in India as a challenge. I look upon it as an opportunity to redefine India's destiny. There have been many comments... many people expressing their anguish about the need for reform.

"I am happy to share with you that in just the last six months, the government has put forth many initiatives to see how reform can be brought into the functioning of regulators," she said in the presence of the dignitaries at the event, among whom were South Carolina Governor Nikki Haley and UK Minister of State for Universities, Greg Clark.

The HRD Ministry has already set up a panel to restructure UGC, thus putting in motion an initiative for carrying out an overhaul of the higher education sector.

The AICTE restructuring committee will also look into the revamping of its grant distribution function to ensure timely utilisation of funds and measures for enhancing quality research in technical education.

Irani also said that the government will next year roll out the 'Rashtriya Avishkar Abhiyan' with a view to arresting the falling trend of learning outcomes in mathematics and science for students between Stds VI-VII and upgrade the skills of teachers in line with the needs of modern society.

Union HRD minister Smriti Irani plans to ‘reform’ UGC

DC CORRESPONDENT | November 14, 2014, 01.11 am IST

<http://www.deccanchronicle.com/141114/education/article/union-hrd-minister-smriti-irani-plans-%E2%80%98reform%E2%80%99-ugc>

New Delhi: Putting in motion an initiative to overhaul the education sector, the NDA government is planning to reform regulatory bodies like the University Grants Commission, AICTE and NCTE that govern higher education.

“I am happy to share with you, be it UGC, AICTE or the National Council for Teachers Education that India needs to redefine its destiny, by redefining how we manage education,” HRD minister Smriti Irani said here on Thursday.

“We have undertaken review of most of our regulatory bodies, We can design a path forward which takes cognisance of the needs of the future,” she said at a Higher Education Summit. The HRD ministry has set up separate committees to review and restructure the functioning of UGC, AICTE and NCTE.

“There are many who see education in India as a challenge. I look upon it as an opportunity to redefine India’s destiny,” the minister added.

The human resource development ministry has set up a panel to restructure UGC, governing higher education in the country. Apart from the UGC restructuring panel, the HRD ministry has also set up a committee for AICTE restructuring.

The panel has been mandated to look into revamping of the grant distribution function of AICTE for timely utilisation of funds and measures for enhancing quality research in technical education.

Infosys Prize 2014: IISc, MIT professors among 6 winners

<http://indiatoday.intoday.in/story/infosys-prize-2014-iisc-mit-professors-6-winners-jayant-harita-shamnad-basheer-shubha-tole-madhu-sudan-srivari-chandrasekhar-esther-dufl/1/400593.html>


Jayant Haritsa, Shamnad Basheer, Shubha Tole, Madhu Sudan, Srivari Chandrasekhar and Esther Duflo were on Thursday named as winners of the Infosys Prize 2014.


The prize is given in Engineering and Computer Science, Humanities, Life Sciences, Mathematical Sciences, Physical Sciences and Social Sciences.


The winners have been recognised for research in fields as diverse as database design and optimization, interpretation of patent laws, understanding emotion and cognition in the brain, probabilistically checkable proofs, green chemistry and affordable health care, said an Infosys release.


The winners were picked by a jury of Pradeep K. Khosla, Amartya Sen, Inder Verma, Srinivasa S.R. Varadhan, Shrinivas Kulkarni and Kaushik Basu.


Here are the winners from each field:


 **Engineering and Computer Science:** Jayant Haritsa Jayant Haritsa is a professor, Supercomputer Education and Research Centre (SERC) and Chair, Department of Computer Science and Automation (CSA), Indian Institute of Science (IISc), Bangalore. He was awarded for his contributions to the design and optimization of database engines.

 **Humanities:** Shamnad Basheer Shamnad Basheer is a founder and Managing Trustee, Increasing Diversity by Increasing Access (IDIA), Bangalore and Founder - SpicyIP, India. He has been awarded this prize for his contributions to the analysis of a range of legal issues, including pharmaceutical patent injunctions and enforcement.

 **Life Sciences:** Shubha Tole Shubha Tole is an Associate Professor and Principal Investigator, Department of Biological Sciences, Tata Institute of Fundamental Research (TIFR), Mumbai. She was awarded this prize for her significant contributions to studying the hippocampus and amygdala - centers of learning and memory in the brain. Her work can lead to a better understanding of human behavior, cognition and emotions.

 **Mathematical Sciences:** Madhu Sudan Madhu Sudan is a Principal Researcher, Microsoft Research New England and Adjunct Professor, Electrical Engineering & Computer Science (EECS) department and Computer Science and Artificial Intelligence Laboratory (CSAIL), Massachusetts Institute of Technology (MIT). He was awarded for his seminal contributions to probabilistically checkable proofs and error-correcting codes.

 **Physical Sciences:** Srivari Chandrasekhar Srivari Chandrasekhar is a scientist G, Organic Chemistry Division, Council of Scientific and Industrial Research, Indian Institute of Chemical Technology (CSIR-IICT), Hyderabad. He was awarded for his contributions in the general area of synthetic organic chemistry with a special focus on the synthesis of complex molecules from natural sources.

 **Social Sciences:** Esther Duflo Esther Duflo is the Abdul Latif Jameel Professor of Poverty Alleviation and Development Economics, Department of Economics, Massachusetts Institute of Technology (MIT) and Founder & Director, Abdul Latif Jameel Poverty Action Lab. She was awarded for her pioneering contributions to development economics, especially work related to countries such as India and Africa.

The award ceremony will be held on January 5, 2015, in Kolkata, where President Pranab Mukherjee will felicitate the winners.

8-year-old Indian-origin CEO to give lecture at cybersecurity summit

PTI | Nov 13, 2014, 10.25 AM IST

NEW DELHI: An eight-year old Indian-origin child prodigy is among experts who will address a cybersecurity conference starting tomorrow where minister of state for external affairs VK Singh is also listed as a keynote speaker.

In his address at the summit on November 14, the US-based whizkid Reuben Paul will highlight and demonstrate the need for developing the current generation with cybersecurity skills, according to the organizers of Ground Zero Summit to be held here.

The organizers said, "8 year old Reuben Paul gives keynote at Houston Security Conference."

"I started learning about computer languages around one- and-a-half years back. Now I design my own projects," Reuben told PTI.

The prodigy has been trained by his father, Mano Paul, in Object C programming language and is now learning Swift programming for Apple's iOS platform. Mano Paul, born and brought up in Odisha, moved to the US in 2000.



Reuben in August started Prudent Games, his own gaming firm and is designated as CEO of the company. Mano Paul is his partner in the company.

"This will be Reuben's fourth conference where he will be giving lecture on cybersecurity. He will talk about need to create awareness about cybersecurity among young kids as well as demo white page hacking," Mano Paul said.

The other keynote speakers listed for the summit include home ministry joint secretary Nirmaljeet Singh Kalsi, special commissioner police (Traffic) with Delhi Police Muktesh Chander and National Technical Research Organization director of cybersecurity operations Alok Vijayant.