

# Newspaper Clips

## March 30-31, 2014

March 30

Times of India ND 30/03/2014

P-24

Publication: The Times Of India Delhi; Date: Mar 30, 2014; Section: Front

### IIT boy's quick test for haemoglobin

IIT student Ambar Srivastava has devised a mobile-size device to check haemoglobin levels in a blood sample on a strip, like the glucometer used by diabetics. TrueHb Hemometer is the first innovation from IIT's biomedical engineering department. **P24**

# Just a pinprick to help detect, tackle anaemia

Rema Nagarajan | TNN

**New Delhi:** A student of the Indian Institute (IIT), Delhi, Ambar Srivastava, has developed a mobile phone-size haemoglobin meter dubbed the TrueHb Hemometer — the first case of an innovation from the institute's biomedical engineering department actually getting "productized".

The device, which has been validated by the All India Institute of Medical Sciences (AIIMS) for its efficacy, is expected to help identify and tackle anaemia effectively. India with very high prevalence of anaemia also sees a large number of maternal deaths from the condition.

The CBC counter is the gold standard for haemogram tests in labs. It could cost Rs 2-10 lakh, is at least twice the size of a personal computer and needs regular power supply.

While the price of the TrueHb meter has not been fixed as of now, it is expected to be cheaper than most other similar devices in the market, which cost well over Rs 25,000.

Paper-based colour cards that use a colour scale to provide a rough estimate of haemoglobin values are also used. Such cards give a range and not an exact value of the haemoglobin level.

TrueHb, on the other hand, works like a conventional glucometer and works with just a tiny drop of blood from a pinprick on the disposable strip. It not only reads the accurate level within 45 seconds, but also stores up to 1,000 such readings. It can be charged like a mobile phone and allows up to 300 tests per charge.

"It will be very useful on the field for health workers, blood banks, primary health centres, the school health scheme of the government, and all

### HELP AT HAND

- Hemometer is very accurate
- Rechargeable battery/300 tests per charge/6 months idle time
- Quick on-the-spot result within 45 seconds
- Painless, requires just a fraction of a drop of blood
- High shelf-life strips
- Intelligent self-testing system
- High memory, stores 1000 readings
- Ergonomically friendly
- Customized easy-to-read display
- User friendly interfaces
- **Ultraportable:** Weighs under 800 gm, pocket-sized, sleek optoelectronics design



**INNOVATOR:**  
Ambar Srivastava

point of care use, including for use at home," explained Srivastava.

"Currently, we don't have the correct estimate of the true prevalence of anaemia in India. Once you have an accurate measure of the haemoglobin level, anaemia diagnosis can be made effectively and treatment can be decided accordingly. There are several analysers in the market but, to the best of my knowledge, none as portable as this. In AIIMS, we have checked the efficacy of the TrueHb in a limited number of blood samples in standardized lab condition and found very good accuracy," said Dr Renu Saxena, head of the department of Haematology in AIIMS.

The device was developed with funding from the Technology Development Board of the Department of Science and Technology at IIT's Centre for Biomedical Engineering, established in 1971 as a joint venture between IIT and AIIMS to develop healthcare technologies.

For full report go to [www.timesofindia.com](http://www.timesofindia.com)

## IISc. selects Anurag Kumar as new director

Divya Gandhi



Anurag Kumar

The council of the Indian Institute of Science (IISc.) on Saturday selected, as its 20th director, Anurag Kumar, who is now the Chairman of the Electrical Sciences Division at the institute. IISc.'s present director, P. Balaram, retires on July 31 after an eight-year tenure.

An electrical engineer with a 26-year-old association with the IISc., Prof. Kumar graduated in Electrical Engineering from the Indian Institute of Technology-Kanpur, in 1977 and did his Ph.D. at Cornell University, the U.S., in 1981.

He worked for six years in New Jersey, at the AT&T Bell Labs, where he looked at the performance analysis of computer systems, communication networks and manufacturing systems. In 1988, he joined the IISc.'s Electrical Communication Engineering department as Assistant Professor.

The final approval of his appointment will have to be made by President of India and the Ministry of Human Resource Development, Prof. Kumar told *The Hindu*.

"It is an honour to be selected, and a huge responsibility that comes to me, which I hope to execute with everyone's support," he said.

Prof. Balaram, who has had an eventful tenure as IISc. director said he hoped to "head home [to Malleswaram] to lead a quiet life".

Keywords: [IISc](#), [Anurag Kumar](#)

Printable version | Mar 31, 2014 11:10:10 AM | <http://www.thehindu.com/news/national/karnataka/iisc-selects-anurag-kumar-as-new-director/article5849201.ece>

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■ An injured student received her degree after the accident at IIM in Indore on Saturday. SHANKAR MOURYA/HT

## Nearly 41 IIM-I students injured as stage collapses

HT Correspondent

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**INDORE:** At least 41 students of Indian Institute of Management, Indore (IIM-I) were injured after a temporary wooden structure prepared for the group photographs ahead of the 15th convocation ceremony collapsed on Saturday morning.

Out of 41, six students were seriously injured in the mishap. After the incident, in a bid to cover up the matter, institute officials and employees even stopped some media persons from entering the campus.

IIM-I sources said though the institute disclosed the names of only those students who sustained serious injuries, the exact number of injured students is between 40 and 45.

Meanwhile, IIM-I chairman KV Kamath has ordered a probe into the incident. The chairman told the institute director to submit the probe report to the board of governors within 15 days.

The tragedy occurred when the students climbed up on the makeshift stage for a group photograph. The stage could not take the weight of the students and it collapsed.

Initially, it was being said that 15 students were injured and three others were seri-



■ Injured students at Unique Hospital. AMIT K JAISWAL/HT

ously hurt. However, according to the latest information, the number of injured students may be around 50. IIM-I spokesperson Parvez said three to four students were seriously injured and suffered fractures and some had to be given stitches.

Soon after the accident, more than 40 students were rushed to the nearby Unique Hospital and Indian Institute of Head and Neck Oncology. Most of them were discharged after being given first aid.

Dr Digpal Dharkar, secretary Indian Institute of Head and Neck Oncology, said two students have sustained fractures, three had to be administered stitches and the rest were given primary treatment and released.

CONTINUED ON P9  
» CONVOCATION, P3

## Nearly 41 IIM-I students injured as stage collapses

More than 400 students took part in the convocation. The accident created panic on the institute campus. Students and their anxious parents, who had come for the convocation, were trying to ascertain the seriousness of the injuries.



### LOCAL POLICE MANHANDLES MEDIA PERSON

To cover up the matter, institute management barred the local media persons from entering the institute premises after the accident. Heavy police force was called from Kishanganj police station to deal with the situation.

After a local reporter managed to enter the institute premises and clicked some photographs, institute officials told students' parents that if the photographs were published in newspapers, it would create a bad impression and affect the career of the students. Following this, parents and students forced

■ Graduating students anxiously wait to receive their degrees during the 15th Convocation ceremony here at IIM-Indore on Saturday. SHANKAR MOURYA/HT

him to delete the photographs.

The journalist said the Kishanganj police station in-charge Ramesh Chandra Bhaskare manhandled him and allegedly snatched his cellphone and deleted all the photographs. When contacted, Bhaskare said he never snatched his phone or deleted any photograph, rather the police saved him from public and students' ire.

## News

Published: March 28, 2014 22:10 IST | Updated: March 28, 2014 22:10 IST

### GSLV Mark III ready for mission

T. S. Subramanian



The core second stage of GSLV-Mk III, with 110 tonnes of liquid propellants, just before it was flagged off on Friday from the Liquid Propulsion Systems Centre (LPSC), Mahendragiri, Tamil Nadu. Photo: LPSC, ISRO

#### *A forerunner to the Human Space Flight programme*

India took the first step on Friday towards the liftoff of the experimental mission of its gigantic Geo-synchronous Satellite Launch Vehicle-Mark III when the rocket's core stage, weighing more than 110 tonnes, was flagged off from the Liquid Propulsion Systems Centre, Mahendragiri, near Nagercoil, Tamil Nadu, to Sriharikota in Andhra Pradesh. The significance of the mission is that it will be a forerunner to India sending its astronauts to space. For, the GSLV-Mk III in this flight will carry a crew capsule without astronauts. The capsule will return to earth with the help of parachutes. The mission will take place in June or first week of July.

The Indian Space Research Organisation calls its mission to send Indian astronauts to space the Human Space Flight (HSF) programme.

K. Radhakrishnan, Chairman, ISRO, said the crew capsule will weigh 3.5 tonnes. It will carry no astronauts, he stressed. It was a replica of the crew module that would be put into orbit in a real mission. "The module is undergoing structural engineering tests" at the Vikram Sarabhai Space Centre, Dr. Radhakrishnan said.

M.C. Dathan, Director, LPSC, emphasised that it will be an experimental mission. The rocket will do a sub-orbital flight, that is, reach an altitude of less than 100 km. Its upper cryogenic stage will not fire. It is "a passive flight," Mr. Dathan said. Instead of cryogenic propellants, the cryogenic stage would carry liquid nitrogen, which would be inert.

GSLV-Mk III is the "muscular sibling" of GSLV-Mk II which has an indigenous cryogenic engine. GSLV-Mk III can put a communication satellite weighing four tonnes into geo-synchronous transfer orbit or a 10-tonne satellite into low-earth orbit.

Mr. Dathan said GSLV-Mk III's core stage was flagged off from Mahendragiri on Friday. It would reach Sriharikota on Sunday evening. It will be married up with the other stages there.

"The assembling of one booster stage, weighing more than 200 tonnes, has already been completed at Sriharikota. The assembly of another booster stage is under way."

## **GATE 2014: Topper not to opt for IIT for M. Tech**

The results for the Graduate Aptitude Test in Engineering ([GATE](#)) 2014, released on Friday, saw Ankit Goyal, an engineering graduate from Bangalore, topping the list.

The IIT graduate who is also the all-India topper in electrical engineering however is not keen on pursuing a post-graduate course in one of the country's top institutes, said a newspaper report.

Goyal is presently working as an associate engineer at Qualcomm, a mobile technology company in Bangalore.

Being an alumnus of IIT, the top technical institute no longer lures him.

Ankit completed his B. Tech in electrical engineering at IIT Indore in 2013. Ankit is happy with his present job and believes doing a PG from an IIT will bring no significant change in his career, as the same companies visit the institutes for recruitment, said the report.

Ankit said he devoted three hours every day to prepare for [GATE](#) after nine hours being at office. He also mentioned he ranked eighth in the same exam last year but wanted to top the exam and took it again this year.

The Gate 2014 results disappointed many candidates as only 16.84 per cent of the appeared candidates successfully cleared the exam. Candidates who managed to meet the qualifying marks set by the GATE 2014 Committee will receive score cards and results through mail.

## **IIT-Gandhinagar plans new lab to carbon-date artefacts**

[Runa Mukherjee Parikh](#), TNN | Mar 30, 2014, 12.46AM IST

AHMEDABAD: IIT Gandhinagar is set to become one of the few places in the country where a specialized technique called carbon dating will be done. A centre for archaeological sciences has been set up at the premier institute and it will see a multi-disciplinary approach to archaeology, along with the establishment of a carbon dating lab.

"We want to use science and technology to understand our heritage, our roots better. The centre will focus on application of archaeological sciences through a number of disciplines; civil, mechanical, electrical, chemical and material engineering as well as metallurgy," said Dr Sudhir Jain, director, IIT-Gn. The Archaeological Survey of India (ASI) is supporting and funding the laboratory, which will use modern chemical analysis and carbon dating tools to determine the age of artefacts from all parts of the country.

Carbon dating is a radiometric dating technique that uses the decay of carbon-14 to estimate the age of organic materials, such as wood and leather, as old as 58,000 to 62,000 years. Determining the date of one such sample costs around Rs 50,000-Rs 60,000 but IIT-Gn intends to do it either for free or at a nominal fee. "We want this science to be available to maximum number of people. Mostly, people shy away from carbon dating due to its cost. We intend to change that," said Dr Jain.

# Four IIT students killed in accident

**HT Correspondent**

■ htreporters@hindustantimes.com

**NEW DELHI:** Four students of Indian Institute of Technology, Delhi, lost their lives while two were injured in a road accident near Jaisalmer on Sunday.

The two are stable and out of danger.

The students were in the final year of college and had gone to Rajasthan on a personal trip.

Of the six students, three were from Delhi, while the others were from Jharkhand and Dhanbad.

"It is a very unfortunate incident. The boys had gone to

**THIS IS AN UNFORTUNATE INCIDENT. WE ARE TRYING TO MAKE ALL ARRANGEMENTS TO ENSURE THAT THE BODIES REACH THE CITY BY 2 PM TOMORROW.**

IIT SPOKESPERSON

Jaisalmer on a trip. They were a little far away from the city when the taxi (Innova) that they were travelling in met

with an accident," said an IIT Delhi spokesperson.

The students were from different courses and were about to graduate from the institute. They had gone on the trip after their exams.

The parents of all six students have been informed about the accident and are expected to be in the city by tomorrow.

"We are trying to make all arrangements to ensure that the bodies reach the city by 2 pm tomorrow," the spokesperson added.

The accident is reported to have taken place on Sunday afternoon.

# 4 IIT-D students die in Jaisalmer accident

Vimal Bhatia & Sana Shakil | TNN

**Jaisalmer/New Delhi:** Four IIT-Delhi final-year students, who were on a road trip to west Rajasthan to celebrate their placements, were killed and two other students injured when the Innova they were travelling in overturned near Jaisalmer on Sunday morning.

The accident happened around 10.30am, near Moolsagar village, 5km from Jaisalmer. The students were returning after camping at Sam, when one of the tyres burst and the vehicle rolled over several times. While three students

## ► 2 students to be brought to Delhi, P 5

died on the spot, another succumbed to injuries in hospital. The Innova driver and two students — a girl and a boy — were being treated at MDM hospital in Jodhpur and were reported to be stable.

The deceased have been identified as Pallav Aggarwal from Chhattisgarh, Bihar resident Archana Mandal, Diksha Gautam from Delhi and Mayank Goel.

“The six were travelling in an Innova hired from a travel agency. The driver could not control the vehicle after a tyre burst. Archana hailed from Gudiya Bakibaka in Bihar and Diksha from Yamuna Vihar in Delhi. Pallav was from Korla village in Chhattisgarh’s Mahendra-

## THEY'D JUST GOT JOBS

► Innova tourist cab carrying 6 IIT Delhi students rolls over several times after high-speed tyre-burst near Jaisalmer

► 2 girls and a boy die on spot. Another boy dies in hospital

► Students were returning to Jaisalmer after a night camp at Sam

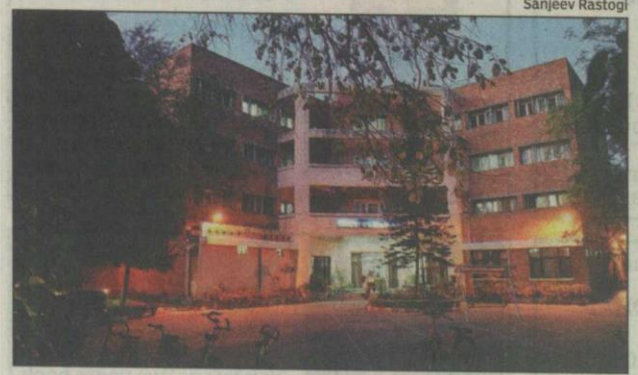
► All 6 were final-year dual-course students who had got placed during campus recruitment

► They had planned the trip to celebrate their new jobs

garh district,” said Jaisalmer’s Kotwali police station in-charge, Jetha Ram.

The IIT Delhi campus was in shock and disbelief on Sunday evening. “All six had been placed in good firms. They were very excited and wanted to celebrate. No one would have imagined it would turn out this way,” said a friend of Archana, a student of electrical engineering.

“Archana was a friendly girl. She used to represent IIT at sports meets and was to join Reliance. Diksha was her roommate and had been placed at Goldman Sachs. Earlier, this month they had gone on a trip to Goa. I cannot believe that they are no more with us,” the friend added.



Two of the victims were boarders of Kailash Hostel in IIT Delhi

# Two hurt students to be brought to capital

## ► Continued from P1

The two injured students—Sachi Mittal (biotechnology) and Jatin Kumar (computer science)—are in a stable state and will be brought to the capital by Monday afternoon. The bodies are also likely to reach the campus by Monday afternoon.

“We are ensuring that the bodies are brought here by Monday afternoon so that they can soon be handed over to the families, who have

been informed about the accident. Most of them are on their way,” said Rakesh Kumar, IIT registrar.

With barely two months left for the dual degree holders to complete their course and with most of them being placed already, this is usually a time for celebration for final-year students. On Sunday, the first floor of Kailash Hostel, where two of the deceased girls lived, wore a deserted look as most final-year students were out.

# सड़क दुर्घटना में दिल्ली आईआईटी की दो छात्राओं समेत चार की मौत

■ राजस्थान में हादसा: बिहार, छत्तीसगढ़, दिल्ली, यूपी के थे स्टूडेंट, पंजाब और चंडीगढ़ के छात्र घायल

भास्कर न्यूज नेटवर्क | जोधपुर/जैसलमेर

दिल्ली आईआईटी के चार स्टूडेंट की जैसलमेर में एक सड़क हादसे में मौत हो गई। जबकि कार के चालक सहित तीन अन्य घायल हो गए हैं। मृतकों में दो छात्राएं हैं। ये सभी घूमने के लिए यहां आए हुए थे।

## इनकी हुई मौत

- अर्चना कुमारी (22)  
पुत्री राधेश्याम मंडल,  
निवासी बांका (बिहार)
- दीक्षा गौतम (22)  
पुत्री भगवानसिंह  
गौतम, निवासी यमुना  
विहार, दिल्ली
- पल्लव अग्रवाल  
(24) निवासी  
महेन्द्रगढ़, कोरबा  
(छत्तीसगढ़)
- मयंक गोयल (25)  
निवासी शिवपुरी, मेरठ  
(उत्तरप्रदेश)

रविवार सुबह सम से लौट रही कार का करीब 11 बजे मूलसागर गांव के पास टायर फट गया था। इससे कार असंतुलित होकर पलट गई। इससे कार के परखचे उड़ गए और तीन स्टूडेंट की मौके पर ही मौत हो गई। जबकि एक ने रास्ते में दम तोड़ा। पटियाला के जतिनसिंह पुत्र बलदेव कृष्ण को मामूली चोटें आई जबकि चंडीगढ़ की सांची पुत्री पीएस मित्तल और इनोवा चालक जैसलमेर निवासी हनुमान सिंह गंभीर रूप से घायल हैं। सांची का जोधपुर के मथुरादास माथुर

अस्पताल के ट्रौमा आईसीयू में इलाज चल रहा है।

इनोवा की छत उड़ी, इधर-उधर जा गिरे : प्रत्यक्षदर्शियों के अनुसार सम की तरफ से तेज गति से इनोवा आ रही थी। अचानक उसका टायर फटा और असंतुलित होकर तीन-चार पलटी खाई।

शेष पेज | 10

## सड़क दुर्घटना...

इसी दौरान इनोवा की छत उड़ गई। कार में सवार सभी स्टूडेंट इधर-उधर पत्थरों पर जा गिरे। लोगों के अनुसार पत्थरों से आई चोटों ने ज्यादा नुकसान पहुंचाया।

आईआईटी जोधपुर के सुपुर्द होंगे शव, दिल्ली भेजे जाएंगे : किसी भी मृतक के परिजन रविवार रात तक जोधपुर नहीं पहुंचे थे। तय किया गया कि शव सोमवार सुबह आईआईटी जोधपुर के सुपुर्द किए जाएंगे। बाद में इन्हें आईआईटी दिल्ली भेजा जाएगा। पूरी व्यवस्था आईआईटी जोधपुर ही करेगा। आईआईटी दिल्ली की सूचना पर आईआईटी जोधपुर के रजिस्ट्रार अमरदीप सिंह एमडीएम अस्पताल पहुंचे और शव मांगे। लेकिन पुलिस ने इनकार कर दिया था। बाद में कलेक्टर व अन्य अफसरों से बात कर शव सुपुर्द करवाने की स्वीकृति दी गई।

ये हुए हैं घायल : पटियाला, पंजाब के जतिन (22), चंडीगढ़ की सांची (22) और कार ड्राइवर जैसलमेर, राजस्थान के हनुमानसिंह (30) गंभीर रूप से घायल हो गए।



## IIT-Kharagpur student ends life

TNN | Mar 31, 2014, 03:37 AM IST

MIDNAPORE: A final year chemical engineering student of IIT Kharagpur reportedly committed suicide on Sunday evening.

Lokesh Kumar Goyal (21) was found hanging. According to his classmates, he had a chat with his friends till late on Saturday night, but did not come out of his room on Sunday. Finding the room closed, they reported the matter to the hostel in-charge and soon the police were called from Hijli outpost.

Police broke open the door and found him hanging. He was taken to BC Ray Hospital in IIT campus, where he was pronounced dead.

Police are trying to find a suicide note. His parents, who stay in Rajasthan, had been informed, police said. Kharagpur IIT's registrar Tapan Ghoshal said that Goyal committed suicide but the reason was

unknown.

This is the second suicide in IIT Kharagpur campus in a fortnight.

**PRIVATE-PUBLIC PARTNERSHIP**

# TCS, Coal India to help establish IIITs

BY PRASHANT K. NANDA

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NEW DELHI

Leading corporate houses including **Tata Consultancy Services Ltd (TCS)** and **Coal India Ltd** are partnering with the government to establish a chain of specialized technology schools.

The human resource development (HRD) ministry, with the help from state governments, has roped in more than two dozen companies to set up 20 Indian Institutes of Information Technology (IIITs), two ministry officials said. This has been a key project of the ministry since the 11th five-year Plan period that ended in March 2012.

"So far at least 25 leading companies have committed to open IIITs in a PPP (private-public partnership) mode. For example, TCS will help set up at least three IIITs," a top HRD ministry official said, requesting anonymity.

"Industry has been complaining about lack of industry-

academia collaborations and lack of job-ready human resources. The ministry believes this initiative will set a new precedent in the higher education space. It has taken years to come through but we are happy that leading companies have joined now," the official said.

"PPP is a good model and IIITs give a good chance to industries to partner with the government," said S. Ramadorai, vice-chairman of TCS and chairman of the National Skill Development Agency.

Industries can provide training of faculties and students, set up labs, and may source eligible manpower from these institutes, said Ramadorai.

Industries will be allowed to set up their own chairs in these institutions and partner to provide customized courses based on their demand, the second HRD ministry official said. They will be part of the governing boards as well.

While Ramadorai didn't divulge financial details or the

states where TCS will set up the IIITs, the ministry has in a status report underlined that India's largest software exporter will partner in setting up the technology schools in Tamil Nadu, Jharkhand and Gujarat. *Mint* has reviewed a copy of the status report.

Each of the IIITs under this scheme will entail an initial investment of ₹128 crore. Half of the investment will be made by the Union government, while 35% will come from the state governments and the remaining 15% from the industry partners. The Union government will also give ₹12.5 crore as recurring and other expenditures per year to each of these schools. Both private and public sector companies can partner with the government for establishing the IIITs and more than one company can be an industry partner for a particular school.

According to the ministry document, both private and public sector companies as well as foundations have come on board for the IIITs.

"We have joined hands with the government for an IIIT in West Bengal. The state government convinced us to join in and we are giving ₹10 crore for this," said S. Narsing Rao, chairman of Coal India.

*Aman Malik contributed to this story.*

## 'Let college students run businesses'



**S Gopalakrishnan, executive vice-chairman, Infosys**

### **BS REPORTER**

Chennai, 30 March

S Gopalakrishnan, executive vice-chairman and one of the seven founders of Infosys, has urged entrepreneurship be developed in colleges. In his keynote address at the valedictory function of Pan IIT Alumni Leadership Series 2013, organised here by Indian Institute of Technology-Madras on Saturday, he said Microsoft founder Bill Gates and Facebook founder Mark Zuckerberg started their businesses as students.

"Age is not a barrier. In engineering colleges, allow students to start businesses in the second year, so they have three years to run these. They could combine a real life problem by being an entrepreneur while doing engineering," he said. It is safe to fail as a student because there are no implications in real life, less people dependent on you and this is the time for experiments, he said, adding one could learn everything about doing business than just theory or reading textbooks.

# EDUCATION OPPORTUNITIES 2014

CONSUMER CONNECT II

## BLACKOUT PREVENTION PROJECT

A Scottish University has been awarded a 95,000-pound grant to participate in a power blackout prevention project in collaboration with a consortium of universities including three Indian Institutes of Technology.

Dr Campbell Booth from the Department of Electronic & Electrical Engineering of the University of Strathclyde has been awarded the grant for the Advanced Communication and Control for the Prevention of Blackouts (ACCEPT) project. The consortium of universities includes Strathclyde, the University of Manchester, Imperial College London, and the three IITs: IIT Delhi, IIT Kanpur and IIT Kharagpur. The project addresses the potential for use of Smart Grid and Phasor Measurement Unit technologies to support novel integrated protection and control tools for the prevention of wide-area blackouts. This project has been supported as part of the UK-India programme involving a total of 8.3 million pounds from the Engineering and Physical Sciences Research Council (EPSRC) through the Manufacturing and RCUK Energy Programme themes with matched resources from India's Department of Science and Technology (DST). There are seven projects in Advanced Manufacturing and five in Smart Energy Storage under this programme. The value of co-founded research between the UK and India has grown from 1 million pounds in 2008 to over 100 million pounds in 2013.

## INDIAN VARSITY OFFERS 50 SCHOLARSHIPS FOR AFRICANS

The O.P. Jindal Global University in Sonapat has announced 50 scholarships for Africans to study at its campus from August. "The scholarships range from 50-100 per cent tuition waiver, based on merit," a

university statement said. The university said the Jindal-Africa Scholarship Programme was part of its commitment towards fostering global cooperation and development, with a special focus on Africa.

Said Vice Chancellor C. Raaj Kumar: "This scholarship programme is intended to build human capital of fellow developing countries through higher education. "It aims to build capacities of young Africans by bringing them to the campus in India and training them in key issue areas relevant to the national priorities of their respective countries. "The ultimate goal of this programme is to strengthen people-to-people linkages between India and Africa." Already students from Kenya, South Africa, Liberia, Mozambique, Angola, Botswana, Guinea and Zambia are studying in the university.

## IIM KOLKATA TO DO JOINT RESEARCH WITH CANADA'S B-SCHOOL

The premier Indian Institute of Management-Calcutta has signed a deal with Canada's Ivey Business School to collaborate on research work. Under the partnership, the two institutions will collaborate in areas of research and development and publish cases as well as foster a culture of case writing and case pedagogy in Indian management institutes.

A five-year Memorandum of Understanding (MoU) was signed to this effect between the two B-schools. This MoU would help the IIM-C case research centre increase its global reach, leverage Ivey's rich knowledge base and accumulated intellectual capital in business case study research and encourage joint research and co-authorship between faculty of the two institutes.

"Ivey is the largest producer of high quality Asian business cases and we are delighted to partner with IIMC to build on this quality portfolio," Eric Morse, associate dean (Programs) of Ivey Business

School, said. "The MoU will help IIM Calcutta faculty to list their cases in Ivey thereby enabling faculty and students from all over the world access such cases from a leading emerging market," said professor Ashok Banerjee, dean of new initiatives and external relations at IIM.

One of Canada's leading and most prestigious business schools, Ivey has been using cases in its classrooms since 1923 and is committed to mentoring high potential faculty in case teaching and writing through a comprehensive process of case development from generating ideas to publishing case studies globally.

## UK OFFERS FIRST PG COURSE IN WINE MAKING

A university in southern England has announced that it was to offer a post-graduate course in viticulture and oenology, capitalising on the country's booming

sparkling-wine industry. The University of Brighton is offering budding vintners the chance to study for M.Sc. from September and hopes to compete with similar courses in France and the United States.

"This post-graduate programme is the first created in the UK," said Chris Foss, head of the Wine Department at Plumpton College - the University of Brighton affiliate hosting the course. At a cost of USD 9,900 each, 12 students will be immersed in every detail of the wine-making process for 15 months. "They will study the vine, wine chemistry, microbiology, climate, different soils and the science of sparkling wine," Foss told AFP recently. The students will benefit from a soon-to-be inaugurated £2-million research centre, part-funded by The Rathfinny Estate, a winery established by retired investment fund manager Mark Driver in 2010. The ultimate objective is to attract students from around the world

to give it an international d Foss. Rathfinny Estate, one vineyards in Britain, is located in East Sussex. The estate fuels Britain's rising interest in sparkling wine, and "thermand than supply at the r Brennon, press officer at Estate, told AFP. "English champagnes in the Inter Challenge Award and it is known across the globe. Sparkling wines' share of production has risen from 30 over the last five years, according to English Wine Producers' second only to France in production of French champagne sparkling wines, according to an association. Britain's cold grapes ripen slowly, highly acidic and ideal for sparkling wines.

## IIM-A acknowledges young tech innovators

Our Bureau



IIM-A'S SRISTI established the national awards for innovative projects in engineering, pharmacy, science and applied technologies

THE HINDU

The social initiative arm of India's top business school IIM Ahmedabad - the Society for Research and Initiatives for Sustainable Technologies and Institutions (SRISTI) - recently organised its Gandhian Young Technological Innovation Awards 2014.

SRISTI announced the names of the award winners of the National Innovation Competition of Young Technologists (Yuva Yantriks) during the event.

To promote culture of innovation amongst country's young minds, SRISTI has established these national awards for innovative student/faculty projects in engineering, pharmacy, science and applied technologies in three categories.

These three categories include the More from Less for Many (MLM) Award; SRISTI Socially Relevant Technological Innovation Award, and the Technological Edge/Strategic Innovation Award.

In all 1,400 nominations were received from 313 technology and scientific institutions from 24 States. These entries were spread across 54 technology areas.

After careful review by 150 jury members from 60 universities and MNC R&D labs across India and abroad, 40 entries were selected for recognition.

There are 13 awards and 27 appreciations in the above three categories.

Under the MLM category, two awards were given. The Socially Relevant Technological Innovation category had four winners, and seven participants won the Technological Edge/Strategic Innovation Awards.

Some of the award-winning projects under the three categories include a low-cost medical device to increase adherence among tuberculosis patients in rural Assam (Himanshu Seth); development of a fuel-efficient cook-stove (Vijay Han mant Honkalaskar); injectable silk fibroin hydrogel for tissue engineering and drug delivery (Surojeet Das); a low-cost cardiovascular diagnostic instrument for rural healthcare (Sushanth Poojary); and low-cost diagnosis of pneumonia (Abhishek Khanolkar).