

2014: India decides - Voice vote at IIT Delhi 27 Mar 2014, 10:28PM IST

<http://economictimes.indiatimes.com/et-now/daily/2014-india-decides--voice-vote-at-iit-delhi/videoshow/32800803.cms>

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IITs 1st, Amity 2nd in patents

In 2012-13, IITs Together Filed 205 While Amity Had 140

Manash Pratim Gohain | TNN

New Delhi: Private educational institutions have finally emerged as competitors to government-run institutions of higher learning.

While the Indian Institutes of Technology collectively retain the top slot in terms of filing patents, Amity University, Uttar Pradesh is ranked second, ahead of Indian Institute of Science, Bangalore and Tamil Nadu Agricultural University.

The IITs together filed 205 patents in 2012-13, Amity—a private player—filed 140. Altogether, 534 patents were filed by the top 10 Indian applicants in the category of institutes and universities, and of these, 197 were from private institutions. In fact, of the 17 institutes and universities that share the top 10 positions in terms of patents, six are private players.

Besides these findings, the annual report of the Controller General of Patents, Designs, Trademarks and



Amity has recorded a 23% growth in filing patents, states data

Geographical Indications, Government of India for 2012-13 shows an upward trend in the filing of intellectual property applications—from 36,812 in 2008-09 to 43,674 in 2012-13. Although there is significant gap between patents filed and granted, the institution-wise growth indicates increase in research activities as well.

According to the report, the top two positions have remained unchanged for the

second year running but Amity has recorded a 23% growth in filing whereas there is only a marginal growth of around 2% for the IITs. Indian Institute of Science has also shown a significant growth by filing 31 patents, as against 14 in 2011-12.

Amity chancellor Atul Chauhan said the university has promoted research in the past three years by investing Rs 30 crore in its UP campus.

“We have more patents

than anyone in the country. Amity has been focusing on IRP and patents for faculty. In the past three years, we have filed more than 550 patents. Our students are also engaged in research with 40 patents filed by them. The areas include nanotechnology, nuclear science, microbiology and forensic science,” said Chauhan.

“We are happy that we have started a wave of research. Research was taking a backseat, which is the reason why none of the Indian universities are in the top 100 global rankings,” he added.

Some of the patents Amity has filed are: “An electrostatic process for the preparation of thin films of carbon nanotubes, their functionalization and use as gas/vapor sensors”, “Easy distinction of bacillus cereus group amongst the industrially important bacillus strains”, “A nanomaterial-based culture medium for microbial growth enhancement”, among others.

IIT-Kgp launches short-term courses with global faculty

HT Correspondent

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KOLKATA: IIT Kharagpur is launching the first-of-its-kind international academic and research programme under the brand new 'International Summer and Winter Term' (ISWT). It will bring in international faculty of repute to join institute faculty in offering unique exposure to a bouquet of niche technical areas to students from all across the country and abroad.

The duration for each subject is 2 weeks or 10 working days with a judicious blend of lectures and tutorials a day.

The International Summer and Winter Term (ISWT) would hold classes during May-July and December 2014 effectively. This programme is unique in the Indian context which will enable the national and international participants who will get an opportunity to receive knowledge and exposure in very contemporary specialised areas from faculty experts from IIT Kharagpur and some of the highly reputed International academic institutions.

By bringing together participants and faculty from India and around the world, ISWT will not only be academically stimulating but also offer an opportunity to make new friends and to interact with about 30 internationally leading experts of the respective areas.

Participants from industry, research organisations, faculty and students from all over the world are welcome to register for the 27 subjects offered during the summer term and three subjects during the winter term.

These subjects are designed around current and multidisciplinary themes of science, engineering, management and law.

"The objective of ISWT is to start academic activities in summer/winter where participants from all ages and countries can register in the time-bound short term courses and participate to seek knowledge and experience from the reputed International faculty through intensive study of subject and personal interactions," said Professor A Goswami of the department of mathematics at IIT-KGP.

"These courses are aimed to

COURSE FEE

- For students: Minimum: ₹2,500; Maximum: ₹15,000
- For Industries & R&D organisations: Minimum: ₹10,000; Maximum: ₹30,000
- For Academic Institutions: Minimum: ₹5,000; Maximum: ₹15,000
- For Lecture Series by Prof. Sir Michael Berry, FRS: ₹500 for all participants

give a chance to Indian researchers and scientists from academic institutes and industries to assimilate the recent developments of an emerging technology in his/her practice area and establish academic collaboration with leading research groups," Goswami said.

IIT Kharagpur will issue a course completion certificate to all participants who attend classes regularly. The students registered for these courses, optionally, will have the opportunity to obtain additional academic credits based on the evaluation and grading process.

"In ISWT, there is a provision for participants from academic institutes to earn academic credit by participating the courses and evaluated by the course faculty as per IIT Kharagpur standard. In future, academic Institutes will be encouraged to recognise ISWT courses and sign MoU with IIT Kharagpur to transfer the academic credits earned by their students and grades will be reflected in the grade cards of those students," Goswami said.

Students can apply online for one or multiple overlapping courses by registering on www.iitkgp.ac.in/iswt or send an application to International Summer & Winter Term continuing along with a bank draft payable to 'CEP-ISWT, IIT Kharagpur' for the amount of ₹500. The fee is applicable for online registration as well.

Once students are selected they will be informed and requested to pay the full fees through online payment gateway service. The institute will make necessary arrangements for accommodation and facilitation. All details for the programme are available on the website www.iitkgp.ac.in/iswt.

IISc plans incubation centres for micro, nanotechnology

Prashanth G N, Bangalore, March 27, 2014, DHNS:

<http://www.deccanherald.com/content/395158/iisc-plans-incubation-centres-micro.html>

To foster micro and nano technologies, the IISc's Centre for Nano Science & Engineering (CNSe) plans to set up incubation centres within its campus.

The Ministry of Communication and Information Technology (MCIT) is the nodal agency co-ordinated by CNSe.

According to IISc professor and CNSe head, Rudra Pratap, the plan is to build an ecosystem by establishing incubation centres both inside and outside the campus. "We plan to assist 20 new companies and raise the number gradually. The proposal has been sent to MCIT, which is working out details of support to the IISc," he said.

Experts will interact with startups to provide knowledge and expertise. They will be given access to IISc's nano fabrication facility, the largest in the country, spread over 14,000 square feet.

The focus will be on development of sensors and sensor technology. The CNSe will concentrate on building prototypes of sensors for a variety of tasks from sensing an approaching vehicle to monitoring noise levels in the City, enabling people to lead a quality life.

Once the prototypes are ready, it will be productised in three to five years' time. The long-term plan is to have sensors in bio-medical, health and energy fields.

Scientists say that if 300 companies are developed over 10 years, a very solid ecosystem for nano sciences and technology would have been developed. According to Pratap, the endeavour is to be among the top ecosystems globally.

IIM-A to collaborate with US universities for research

<http://indiatoday.intoday.in/education/story/iim-a-to-collaborate-with-us-universities-for-research/1/351439.html>

The Indian Institute of Management Ahmedabad (IIMA) will be soon seen involving with three major American universities for research over Indian market.

According to news reports, IIM A will come together with US universities like Massachusetts Institute of Technology (MIT), University of California, Berkeley and Harvard University for research projects.

Officials of the three universities have announced their association with IIMA to conduct experimental research in the Indian market for a range of innovative products for use of those belonging to the bottom of pyramid (BOP).

According to officials, USAID had provided \$150 million to seven US universities for their research activities in developing countries. However, research will be conducted in water filtration, pollution monitoring and healthcare mobile technology and city-based National Institute of Design (NID) too will be roped in.

Ashish Nanda, Director of IIMA said, "There are two ways of starting a project, either enter into an MOU or have a bottom-up approach. Create a formal structure later if need arises."

In the three initial projects, MIT would undertake research in innovative water filtration products to see whether a particular type of innovative product developed at their lab would suit Indian masses. Similarly, University of California, Berkely, will work on pollution-monitoring equipment and Harvard University on use of mobile technology for health welfare of the poor.

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Bogus varsity founder in US convicted on 31 counts

Washington: The founder of California-based Tri Valley University in the US, who destroyed the academic careers of several hundred Indian students, has been convicted on 31 counts including visa fraud by a federal grand jury.

Susan Xiao-Ping Su's sentencing is scheduled for June 20. The guilty verdict followed a three-week jury trial before the Jon S Tigar, US district court judge in San Francisco.

Through her illegal operations involving visa fraud and wire transfers Su made over \$5.9 million through her operation of Tri-Valley University (TVU). About 90% of TVU's students were from India.

She engaged in seven money laundering deals using proceeds to purchase commercial real estate, a Mercedes Benz car, and multiple residences, including a mansion on the Ruby Hill Golf Club in Pleasanton, California each in her name. The investigation began in May, 2010 following a tip to federal investigators pertaining to irregularities at TVU.

Su was indicted by a federal grand jury in November 2011. She was charged with wire fraud, mail fraud, conspiracy to commit visa fraud, visa fraud, use of a false document, false statements to a government agency, alien harbouring, unauthorized access to government computers, and money laundering. **AGENCIES**

GATE 2014: Results Declared by IIT Kharagpur are Available Now

<http://www.jagranjosh.com/articles/gate-2014-results-declared-by-iit-kharagpur-are-available-now-1395983219-1>

Indian Institute of Technology Kharagpur announced the results for Graduate Aptitude Test in Engineering. GATE 2014 is a national level examination that tests the comprehensive understanding of the candidates in various undergraduate subjects in Engineering/Technology/Architecture and post-graduate level subjects in Science. The score achieved in GATE Exam will enable the candidates for admissions to post-graduate programs (eg. M.E., M.Tech, direct Ph.D.) in Indian institutes of higher education with financial assistance provided by MHRD and other Government agencies. The score is also used by many Public Sector Undertakings for employment screening purposes.

GATE 2014: Result

The GATE 2014 results were released on 27 March 2014 at 9:30 pm. The total of 10,33,625 candidates have registered for GATE 2014 and 8,89,156 candidates (86.02%) have appeared for the exam. Out of the total candidates registered, 30.17 % are female candidates while the rest are male candidates and others. It was first the time that 3 hour GATE 2014 examination was held through computer based ONLINE mode for all the 22 papers. On the basis of qualified marks, 49,694 (16.84%) candidates will be receiving the scorecards in GATE 2014. Candidate can check their result through the link mentioned above.

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Appointment of 16 IIT-A teachers cancelled

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ALLAHABAD: In a major decision after change of guards, Indian Institute of Information Technology Allahabad has cancelled 16 appointments of teachers and increment of one teacher has been withdraw

These appointments took place on April 6, 2013 by the then Director of IIIT-A, MD Tiwari. As per official sources, the board of management did not okay these selections in its seventh meeting held on July 20, 2013, saying that norms were not fulfilled. When GC Nandi took charge as director incharge in January, 2013 he convened eighth meeting of board of management and cancelled all these 16 appointments and increment given to Dr Sonali Agarwal.

The Board considered the status report on the selection of academic staff. It was apprised by board members that advertisement by IIIT-A for these selections was not as per norms. Also for some appointments, eligibility criteria were unduly relaxed.