IIT-Kharagpur ranked top varsity in India, finds survey

Kolkata: For the second time in a row, IIT Kharagpur has been ranked as the top institution in the country by QS Employability Ranking, with IIT Bombay also figuring in the list of top 100 universities in the world.

The IIT Kharagpur has been ranked in the range of 71-80, the highest position among Indian institutions, out of 200 universities from across the world.

IIT Bombay, ranked next to IIT Kharagpur, is the only other institution from India to have been ranked among the top 100.

Other Indian institutions among the top 200 are IIT Madras, IIT Delhi and University of Delhi, QS Employability Ranking survey said.

IIT-Kharagpur, which awards degrees to nearly 2300 students annually, maintains a successful track record of placement for students from the graduating batches enrolling for campus placement.

It has been ranked exceptionally well in the survey on parameters of graduate employability rate and employers’ presence in the campus.

The other parameters are employer reputation which is based on a survey conducted with employers opting for campus recruitment, alumni outcomes or performance of alumni and partnerships with employers, it said.

The top three universities ranked globally in the survey are Stanford University, Massachusetts Institute of Technology and Sheshwai University of China.

IIT Kharagpur has been ranked among the peers such as Georgetown University, Lancaster University, Pennsylvania State University, Queensland University of Technology, University of Illinois, Chicago and University of Liverpool, it added.

Dainik Jagran ND 24.11.2016 P-10

टॉप 200 में आईआईटी दिल्ली
कोलकाता : भारतीय प्रौद्योगिकी संस्थान (आईआईटी) खड़गपुर लगातार दूसरी बार अंतरराष्ट्रीय संस्थाओं में टॉप पर रहा है। क्यूस एंड्युगुलैंटी रेकर्ड में आईआईटी दिल्ली ने भी दूसरे के टॉप 100 विश्वविद्यालयों की सूची में स्थान पाया है।
आईआईटी खड़गपुर ने 71-80 रेंज में रैंक प्राप्त किया है। यह दिखा के 200 विश्वविद्यालयों में भारतीय संस्थानों में से टॉप पर रहा। क्यूस एंड्युगुलैंटी रेकर्ड रैंकिंग के अनुसार टॉप 200 संस्थानों में आईआईटी दिल्ली तथा यूनिवर्सिटी ऑफ दिल्ली भी शामिल है।
IIT-B has come up with hydrogels mimicking natural brain tissue to cure Parkinson's disease via stem cell therapy

http://www.freepressjournal.in/indore/indore-national-academic-depository-to-be-operational-24x7-for-academic-awards/976784
While Parkinson's disease that is caused due to progressive degeneration of dopaminergic neuron in a specific region of brain has no permanent cure and the present treatment only provides a symptomatic relief, does not reverse the disease progression and patients often stop responding to drug treatment after multiple shots are applied, stem cell based therapy have a huge potential in curing the disease, found out the researchers.

"Stem cells could be suitably implanted and differentiated into the specific class of functional neurons to replenish the degenerated ones inside the brain. The newly developed neurons will not only stop disease progression but also cure the patient. However, in practice the implanted stem cells must survive in the diseased brain condition and develop or differentiate to neurons at the transplanted site. This can completely cure Parkinson's disease," said Professor Samir K Maji, one of the lead researchers from BSBE department.

Speaking about stem cell therapy as a long term, cost effective cure to Parkinson's disease, Subhadeep Das from IITB-Monash Research Academy, another researcher, said: "At the present day, there is no cure for Parkinson's disease. Stem cell based treatment could potentially provide a long-term solution in curing the disease. Current patient care and medicines for treatment are very expensive. At the current stage, we are not in a position to compare cost; however, we believe that stem cell based treatment could be much more cost effective compared to expenses incurred in current treatments and care of Parkinson's patient as it provides a long term solution. Moreover, as stem cell therapy can possibly cure the disease to the cause and recovery of patients is expected to be much faster and effective than just symptomatic relief."

While Parkinson's disease is one of the most common neurological disorders among geriatric population characterized by neuro-degeneration in specific brain area leading to gradual decline in normal body movements, muscle controls, posture and cognitive processes to which stem cell therapy can provide complete cure, few major challenges need to be resolved for an effective therapy stem cells can provide, say the researchers. The newly designed amyloid based hydrogels are the solution they have come up with.

Reeba S Jacob from IIT-B, said: "Factors hindering stem cell therapy for Parkinson's disease include extremely low cell survival upon transplantation and aberrant migration of cells into other parts of the brain. Our solutions to the above problems were development of a suitable biomaterial that can provide a unique micro environment to the transplanted cells such that they are able to survive and develop into neurons. For the last few years, we are working on designing biomaterials which can be used as a suitable vehicle as well as substrate for stem cell transplantation and differentiation into neurons for replacing the damaged neurons in patients' brains."

"Using an interdisciplinary approach, we have designed smart biomaterials (hydrogels) using small peptides (fragments of proteins) self-assembled into nano-fibers. These hydrogels mimic the natural brain tissue and can be used to transplant human stem cells into brain to facilitate neuron regeneration in neurodegenerative diseases like Parkinson's disease," she added.

"Being biodegradable, these hydrogels get naturally metabolized in the brain once their purpose is served. We already have the preliminary proof that these hydrogels do not elicit a high immune response and are within tolerance level both in neuronal cell lines and in animal models. We have also successfully transplanted stem cells into PD animal model with this hydrogel and assessed the fate of those transplanted cells. The gel substantially improves the survival of the implanted stem cells in the diseased brain environment and promotes their development towards neurons," said Professor Maji.

He added: "However, we are yet to know whether these nascent neurons would be integrated to the existing neural
circuit of the brain. Currently we are performing long-term experiments, where the implanted stem cells would be present for a much longer time period (4-6 months) to assess the fate of those cells.” Hydrogels can be delivered into brain with minimally invasive surgery.

A key advantage to these hydrogels is that they can be delivered into the brain with minimally invasive surgery. Engineering a complex tissue like that of a brain comes with a lot of challenges and we have miles to go before we can completely mimic the tissue, structurally and functionally. However, development of biocompatible scaffolds that support cells and help in successful cell transplantation gives a strong foundation to build upon, that can eventually make stem cell therapy for neurodegenerative diseases a reality.

Professor Samir K Maji, Biosciences and Bioengineering department at IIT-Bombay, lead researcher.

Dainik Bhaskar ND 24.11.2016 P-7

नोटबंदी का असर आईआईटी के कामकाज पर, मांगी ज्यादा निकासी की अनुमति

आईआईटी, खड़गपुर ने धन को सावधानिक निकासी की सीमा को बढ़ाने के लिए मानव संसाधन विकास मंत्रालय को पत्र लिखा है। वर्तमान में केंद्र सरकार ने सावधानिक निकासी सीमा 50 हजार रुपए निर्धारित की है। संस्थान के अनुसार विभिन्न प्रकार के कामों के लिए हर सप्ताह लागभग 2 लाख रुपए की जरूरत पड़ती है। संस्थान की कार्यवाही को पूरी तरह से केंद्रले व वातावरण के माध्यम से संचालित नहीं किया जा सकता है। इस स्थिति को देखते हुए संस्थान को सताएं में ज्यादा निकासी करने की अनुमति प्रदान की जाए। यूनिभर्सिटी और शिक्षण संस्थाओं की समस्या को तरफ ध्यान आकर्षित करने के लिए एमएचआईटी जल्द वित्त मंत्रालय को पत्र लिख देकर सकती है। फिलहाल यह तय नहीं है कि मंत्रालय सभी संस्थाओं या फिर केंद्र सरकार से सहायता प्राप्त संस्थाओं को ज्यादा निकासी की सुविधा देने के लिए पत्र लिखेगा। संस्थान में 40 एकाडमिक यूनिट हैं, जिसमें छात्रों, शिक्षकों और अन्य को मिलकर लगभग 20 हजार लोग हैं।
जेइई मेन-2017 के लिए आवेदन 1 दिसंबर से शुरू

दिल्ली के घार विश्वविद्यालयों में जेइई मेन से प्रवेश

जार्मिया मिलिनया इरादिमाया, दिल्ली प्रौद्योगिकी विश्वविद्यालय, इंदिरा गांधी प्रौद्योगिकी महाविद्यालय, नेताजी सुभाष प्रौद्योगिकी संस्थान और इंडियन इंस्टीट्यूट ऑफ इंजीनियरिंग टेक्नोलॉजी में जेइई-मेन की रैंक के आधार पर ही प्रवेश दिया जाता है।

वेबसाइट पर विस्तृत जानकारी लिएगी

जेइई मेन परीक्षा, पाठ्यक्रम, परीक्षा प्रवेश, परीक्षा केंद्र, पाठ्यक्रम का राष्ट्रीय कोड, आपूर्ति में फार्म, प्रवेश के लिए पात्रता, आयुक्त गैरस्मार्क, अक्षरपूर्ण तिथियों आदि की जानकारी एक हिस्ट्रिया को जेइई मेन की वेबसाइट पर उपलब्ध होगी।

नई दिल्ली | वरिष्ठ संवाददाता
संयुक्त प्रवेश परीक्षा (जेइई) मेन-2017 के लिए 1 दिसंबर से ऑनलाइन आवेदन शुरू होगे। इसके उम्मीदवार जेइई मेन की वेबसाइट www.ieemain.nic.in के माध्यम से 2 जनवरी तक आवेदन कर सकते हैं। आवेदन शुरू 3 जनवरी तक रहा किया जा सकता है। इस परीक्षा का आयोजन केंद्रिय माध्यमिक शिक्षा बोर्ड (सीबीएसई) करेगा।

सभी राज्यों की पूरी सामग्री संस्थाओं (एनआईटी), राज्य सूचना प्रौद्योगिकी संस्थाओं (आईआईटी) और केंद्र सरकार के वित्तीय पोषण संस्थाओं में जेइई मेन के आधार पर ही वीब्सेट या बोर्ड में प्रवेश दिया जा सकता है। इसके अलावा आईआईटी के स्वास्थ्य इंजीनियरिंग पादरों में प्रवेश के लिए, जेइई मेन परीक्षा का अधिकार 2 अप्रैल को किया जाएगा।

आवेदन के लिए आवश्यक है: इस बार जेइई मेन के लिए आवेदन करने के लिए उम्मीदवारों को वेबसाइट पर अपना आधार नंबर, नाम, जन्मतिथि और लिंग डालना होगा, जिसका आधार के डाटा से मिलाया किया जाएगा। यदि मिलाया गुण आईआईटी में नहीं होता है तो फॉर्म नहीं भरा जाएगा।

आधार में विवरण सुझाव: सीबीएसई की ओर से आवेदन करने के इंदुक में उम्मीदवारों की सलाह दी गई है कि वे आवेदन करने से पहले आधार कार्ड में अपना विवरण को स्कूल अभिलेखों के अनुसार सुनिश्चित कर लें। यदि इन विवरणों में कोई विस्मय है तो उम्मीदवार अपने आधार कार्ड का स्कूल अभिलेख में तुरंत सुधार कर दें। अन्य विवरण का प्रमाण आवश्यक कर दिया जाएगा।
आईआईआईटी दिल्ली ने सहेजा कंप्यूटर का इतिहास

भारतीय लेखकों द्वारा लिखी किताबों को किया एकत्र

कम्प्यूटर साइंस से जुड़ी यह किताबें उन शोधार्थीयों के लिए बेहद उपयोगी हैं, जो भारत में कम्प्यूटर साइंस के इतिहास का अध्ययन करना चाहते हैं। तकनीकी ज्ञान के बाद, आईआईआईटी दिल्ली की निदेशक पंकज कुमार ने बताया कि हमने भारत में कम्प्यूटर साइंस के इतिहास से जुड़ी

60 साल पुरानी बात

मालूम है कि, भारत में कम्प्यूटर तकनीकी शुरुआत 1950 में हुई थी और 1955 से यहां कुछ वैज्ञानिकों ने इंजीनियर होने के लिए बारे में जानने तथा लेकिन आज भारत में करीब 24 लाख लोग कम्प्यूटर से संबंधित रोजाना से जुड़े हैं। इस राह संस्थान ने भारत में कम्प्यूटर के करीब 60 साल के सफर को संबंधित कार्य किया है। आईआईआईटी दिल्ली की निदेशक पंकज कुमार ने बताया कि हमने भारत में कम्प्यूटर साइंस के इतिहास से जुड़ी

Body of missing IIT aspirant found in Kota river

Kota: Body of a 16-year-old student from Bihar’s Muzaffarpur district, who was preparing for IIT entrance examination here and has been missing since November 19, was found this morning from Chambal River.

Aashish Satyam, son of Sadu Charan Shaha, had gone missing from his rented accommodation and his body was found floating in the river near Govindham under Jhawaharnagar police station, said OP Sharma, the investigating officer (IO) and SI at Jhawaharnagar police station.

The body was fished out and handed over to family members after post-mortem, he said. Sharma said Satyam left a suicide note in his room which is addressed to his father.

He has written in the purported suicide note that he was taking the extreme step due to study stress, the IO said.

Satyam had been taking coaching at an institute here for around one-and-a-half year and was staying at a rented accommodation with one of his friends in Talwandi area of the city, the SI said.

He said, on November 19, a missing persons report was filed and Satyam’s parents were informed. He said a case under relevant sections has been lodged in this connection, he said.

Around 1.75 lakhs students from across the country come to Kota every year to take coaching for entrance in engineering and medical colleges. –PPI
Indore: National Academic Depository to be operational 24×7 for academic awards
http://www.freepressjournal.in/indore/indore-national-academic-depository-to-be-operational-24x7-for-academic-awards/976784

Indore: National Academic Depository (NAD), a digital depository of academic awards constituted by the Central government, would be operational 24×7.

In a letter addressed to vice chancellors and directors of institutes of national importance and IIMs, UGC secretary Jaspal S Sandhu said: “NAD will be an online store house of academic awards such as degrees, diplomas, certificates, mark-sheets, etc lodged by the academic institutions/boards/eligibility assessment bodies in a digital format. It will be on 24×7 online mode for making available academic awards and shall help in validating their authenticity, their safe storage and easy retrieval.”

In its endeavour to bring administrative and academic reforms in the field of education through the use of information technology for delivery of efficient services to all stakeholders, the Centre established NAD on the pattern of securities depository.

“This is one of the steps towards Digital India vision of the Prime Minister which would be incomplete without the active participation of the academic institutions,” Sandhu said in the letter.

NAD would comprise of two interoperable digital depositories namely NSDL Database Management Limited (NDML) and CDSL Ventures Limited (CVL). These digital depositories would keep the academic awards in the digital format and ensure data integrity.

The Union government has designated the University Grants Commission (UGC) as an authorised body to enter into a tripartite agreement, initially for a period of three years for the purpose of establishment of NAD.

In turn, the UGC directed academic institutions/boards/eligibility assessment bodies to select either NDML or CVL for entering into legally enforceable agreement between them and the selected depository for utilizing the services of NAD.

“Model service level agreement which may be entered by the academic institution with the selected depository for on-boarding on NAD will be provided by the concerned depository,” the UGC letter states.

Since the Centre has approved the establishment and operationalisation of NAD, institutions of higher learning have to enter into a service level agreement with either of the depositories for boarding on to NAD. To facilitate the implementation of NAD, the institutions have been advised to designate nodal officers and set up a NAD cell immediately under intimation to UGC.

New Director for IIM Nagpur soon
http://www.nagpurtoday.in/new-director-for-iim-nagpur-soon/11231800

Nagpur: It seems that Indian Institutes of Management (IIM) Nagpur will soon get its new director as interviews for the post in six IIMs have been completed.
“The process of interviews for the post of director in IIMs Nagpur, Ranchi, Bengaluru, Sambalpur, Rohtak and Raipur has been completed and the search cum selection committee has already recommended panel of names for each of the aforesaid IIMs,” a senior official from Human Resources Development Ministry (HRD) said.

Interviews for Director’s post in two more IIMs – Kozhikode and Udaipur, will be conducted soon and an advertisement in this regard has already been published.

The HRD Ministry forwards these names to the Appointment Committee of Cabinet (ACC) which will take the final decision.

The ministry officials clarified that the process of filling of posts in many IIMs are in advanced stages after it had emerged that the post of director in 13 IIMs are lying vacant.