

**Newspaper Clips**  
**September 20, 2014**

Millenium Post ND 20/09/2014P-05

# 'IITs among world's 5 best entrepreneurial undergrad institutes'

**M POST BUREAU**

**NEW DELHI:** Indian Institutes of Technology (IITs) are ranked fourth on a list of 50 best entrepreneurial undergraduate institutes in the world, HRD minister Smriti Irani said on Friday.

The ranking was compiled by PitchBook Data, a US-based private equity and venture capital research company.

Sharing the achievement at an AICTE conclave on 'entrepreneurship education', Irani said the feat calls for further celebrations as the IITs have been ranked higher than some of the best Ivy League universities such as Harvard.

The minister referred to the rankings while underscoring the need to inculcate an entrepreneurial mindset

among the youths, noting that knowledge and entrepreneurship are key to take the country ahead.

In the study, the research firm found that the IITs had a total of 264 entrepreneurs, who have founded 205 companies and cumulatively raised \$3.15 billion.

The paradigm of education, she said, should be such that it is able to cross the knowledge with analytical skills and logical reasoning, helping students acquire skills and entrepreneurial qualities.

To help realise the objective, 'we hope to revamp our pedagogy and curriculum to make it more relevant to our society and our students market-ready not just domestically but also internationally,' the education minister said.

Deccan Herald ND 20/09/2014 P-4

## 'IITs among top five entrepreneurial institutes'

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**PTI**

Tribune ND 20/09/2014 P-9

## IITs among world's '50 best institutes'

**TRIBUNE NEWS SERVICE**

**NEW DELHI, SEPTEMBER 19**

The Indian Institutes of Technology (IITs) are ranked fourth on a list of 50 best entrepreneurial undergraduate institutes in the world, Human Resource Development Minister Smriti Irani said today.

The HRD Ministry would soon operationalise a "council for higher education and



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**Smriti Irani, HRD MINISTER**

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research firm. Sharing the achievement at an All-India Council for Technical Education (AICTE) conclave on

'entrepreneurship education', Irani said the feat called for further celebrations as the IITs had been ranked higher than some of the best Ivy League universities such as Harvard.

She referred to the rankings while underscoring the need to inculcate an entrepreneurial mindset among the youths, noting that knowledge and entrepreneurship are keys to take the country ahead.



## IITs AMONG TOP 5 INSTITUTES FOR ENTREPRENEURS

New Delhi: Indian Institutes of Technology (IITs) figure among the top five in a list of the best entrepreneurial undergraduate institutes in the world and are placed higher than the Ivy League universities like Harvard, HRD minister Smriti Irani on Friday said. They are ranked fourth among the top 50 best entrepreneurial undergraduate institutes in the world. The ranking was compiled by PitchBook Data, a US-based private equity and venture capital research firm. Sharing the achievement at an AICTE conclave on 'entrepreneurship education', Ms Irani said the feat calls for further celebrations as the IITs have been ranked higher than some of the best Ivy League universities such as Harvard. She referred to the rankings while underscoring the need to inculcate an entrepreneurial mindset among the youth, noting that knowledge and entrepreneurship are key to take the country ahead. — PTI

## World population will soar by 4bn to reach 11bn by 2100

Kounteya.Sinha@timesgroup.com

**Edinburgh:** The world's population will soar by 4 billion to reach 11 billion by 2100. A new study led by the University of Washington and the United Nations finds that world population is likely to keep growing throughout the 21st century. The number of people on Earth is likely to reach 11 billion by 2100, the study concludes, about 2 billion higher than widely cited previous estimates.

Most of the anticipated growth is in Africa, where population is projected to quadruple from around 1 billion today to 4 billion by the end of the century.

The main reason is that birth rates in sub-Saharan Africa have not been going down as fast as had been expected. There is an 80% chance that the population in Africa at the end of the century will be between 3.5 billion and 5.1 billion people.

Other regions of the world are projected to see less change. Asia, now 4.4 billion, is projected to peak at around 5 billion people in 2050 and then begin to decline. Populations in North America, Europe, and Latin America and the Caribbean are projected to stay below 1 billion each. The United Nations recently released population projections based on data until 2012. Analysis of the data reveals that, contrary to previous literature, world population is unlikely to stop growing this century.

"The consensus over the past 20 years or so was that world population, which is currently around 7 billion, would go up to 9 billion and level off or probably decline," said author Adrian Raftery, a UW professor of statistics and sociology.

Nai Duniya ND 20.09.2014 P-14

# आईआईटी ने हार्वर्ड को पछाड़ा

नई दिल्ली (प्रे)। भारतीय प्रौद्योगिकी संस्थानों को दुनिया के 50 सर्वोत्तम उद्यमिता प्रशिक्षण पूर्व स्नातक संस्थानों की सूची में चौथे स्थान पर रखा गया है। इस बात की जानकारी केंद्रीय मानव संसाधन विकास मंत्री स्मृति ईरानी ने शुक्रवार को दी।

रैंकिंग की यह सूची एक निजी अमेरिकी 'पिच बुक डाटा' की ओर से तैयार की गई है। उद्यमिता प्रशिक्षण पर एआईसीटीई की ओर से आयोजित कॉन्क्लेव को संबोधित करते हुए ईरानी ने कहा कि आईआईटी की यह उपलब्धि हमारे लिए खुशी की बात है क्योंकि भारतीय संस्थान ने हार्वर्ड जैसे आईवी लीग के

■ दुनिया के शीर्ष संस्थानों की रैंकिंग में मिला चौथा स्थान

■ निजी अमेरिकी फर्म 'पिच बुक डाटा' ने तैयार की सूची

विश्वविद्यालयों को पीछे छोड़कर यह स्थान हासिल किया है। ईरानी ने अपने संबोधन के दौरान युवाओं में औद्योगिक मानसिकता पैदा करने की जरूरत पर भी जोर दिया। उन्होंने कहा, 'शोध के दौरान फर्म ने पाया कि आईआईटी के कुल 264 उद्यमियों ने 205 कंपनियों की स्थापना की। इन कंपनियों ने कुल

मिलाकर 3.15 अरब अमेरिकी डॉलर का कारोबार किया।' उन्होंने उम्मीद जाहिर की कि अध्यापन और पाठ्यक्रम में सुधार लाकर इनको समय के अनुकूल बनाया जा सकेगा ताकि हमारे छात्र न सिर्फ घरेलू बल्कि अंतरराष्ट्रीय जरूरतों की आपूर्ति करने में सक्षम हो सकेंगे।

ईरानी ने कहा, विश्लेषण और तार्किकता के सहारे छात्रों में औद्योगिक क्षमता का विकास शिक्षा का प्रतिमान होना चाहिए। देश की जरूरतों को पूरा करने के लिए उनका मंत्रालय शीघ्र ही उच्च शिक्षा और उद्योग के लिए एक परिषद का गठन करेगा।

Naya India ND 20.09.2014 P-7

## ईरानी ने आईआईटी की तारीफ की

**मा** नव संसाधन विकास मंत्री स्मृति ईरानी ने कहा कि भारतीय प्रौद्योगिकी संस्थान दुनिया में 50 सर्वश्रेष्ठ उद्यमिता स्नातक संस्थानों में चौथे स्थान पर है। अमेरिकी की निजी क्षेत्र की इक्विटी एवं पूंजी शोध कंपनी पिचबुक डाटा ने यह रैंकिंग तैयार की है। स्मृति ने 'उद्यमिता शिक्षा' पर एआईसीटीई के एक सम्मेलन में इस उपलब्धि की जानकारी दी एवं कहा कि इस उपलब्धि पर हमें और खुशी मनानी चाहिए क्योंकि आईआईटी को हार्वर्ड जैसे सर्वश्रेष्ठ आईवी लीग विश्वविद्यालयों से भी उंचे स्थान पर रखा गया है। मंत्री ने युवाओं में उद्यमिता मानसिकता पैदा करने की आवश्यकता पर बल देते हुए इस रैंकिंग की चर्चा की और कहा कि ज्ञान एवं उद्यमिता इस देश को आगे ले जाने की कुंजी हैं। अपने अध्ययन में शोध कंपनी ने पाया कि आईआईटी के 264 उद्यमी ऐसे हैं जिन्होंने 205 कंपनियां स्थापित कीं और 3.15 अरब डालर कमाए।

Indian Express ND 20/09/2014 P-09

# Centre gives Rs 2,700 crore for Nalanda University

## Sushma formally opens varsity's first academic session

SANTOSH SINGH

RAJGIR (NALANDA),  
SEPTEMBER 19

PRASHANT RAVI

THE Centre has sanctioned Rs 2,727 crore for the construction of Nalanda University over the next decade. Union Minister for External Affairs Sushma Swaraj, who formally inaugurated the university's first academic session Friday, said the Centre was committed to take the project beyond India and east Asian countries.

"We have not merely revived a university today but also resumed a rich tradition. Nalanda is the link between past and present and bridge to the future," said Swaraj.

Swaraj, who also visited the original campus at Rajgir, said she agreed with Bihar CM Jeetan Ram Manjhi's proposal of an airport for the city. Manjhi also proposed setting up an authority to develop the area.

The otherwise smooth event had an odd moment when a peepal sapling to be



Sushma during the inauguration in Rajgir on Friday

planted by Swaraj arrived marked as "*bargad*" (banyan).

Members of the university's governing body, Lord Meghnad Desai, N K Singh and Anil Wadhwa, also attended the event.

Swaraj said: "Interest in the revival of Nalanda University was not limited to people of India. In the year when the then president APJ Abdul Kalam had come up with the idea, the Centre had also received a proposal from Singapore in this regard. The Centre owned it later and ensured that it is not limited to

being a state university."

"Though the East Asian Summit countries have been contributing to the flagship project, we invite other countries to take it beyond," she said.

"We believe Nalanda University will emerge as a centre of excellence by developing cutting-edge technology," she said. With its construction set to start from next February, the university will have an arts centre and museum, amphitheatre, recording studio, auditorium, biogas plant, railway station and sports fields.

# 'Nalanda varsity must put Bihar on international education map'

Amarnath Tewary

**RAJGIR (BIHAR):** Nalanda University should put Bihar on the international education map, Minister for External Affairs Sushma Swaraj said on Friday. She was formally inaugurating the academic session of the varsity at Rajgir convention hall where temporary classes are currently on in two disciplines with 15 students and 10 faculty members.

## 'Revive glory'

Ms. Swaraj said it was a historic day marking a "bridge to our future from its ancient glory". "We seek to revive the old tradition of the Nalanda University as tradition never dies. This University is to seek, to discover and to create intellectual activities not only in Bihar but the whole world," said Ms. Swaraj and hoped that the would become a centre of excellence.

"We're on the threshold of making history and Bihar should be on the international education map," she added.

## Worldwide attention

Recollecting her recent visit to Bangladesh, Ms. Swaraj said people there showed a keen interest to be part of Nalanda University.

"The University should go beyond East Asian countries. Germany and Australia too have shown they are keen to be part of it," she said. The Union government has sanctioned Rs. 2,727 crore for the university, said the Minister.

Earlier, she along with Bihar Chief Minister Jiten Ram Manjhi planted trees at the new campus. Representatives and ambassadors of 10 countries, including Australia and Germany, were present at the inauguration along with members of the governing body Lord Meghnad Desai



*External Affairs Minister Sushma Swaraj and former Bihar Deputy Chief Minister Sushil Kumar Modi plant a sapling on the Nalanda University campus on Friday. PHOTO: RANJEET KUMAR*

Germany and Australia too have shown they are keen to be part of it, says Minister

and N.K. Singh.

Mr. Manjhi said just like in the times of the ancient Nalanda University, his government would like to create a "development authority" for the smooth functioning of the University as well as the surrounding villages.

## Support for airport

He also requested the Union government's support for a new airport in Rajgir. "We need support from the Modi government for the all-round develop-

ment of Bihar. We also need to revive ancient seats of learning like Vikramshila and Takshila Universities," he said. The new university will have seven schools and the admission process has already begun. The Historical Studies and Ecological and Environment Studies programmes started on September 1.

About 450 acres have been provided to the new university, 12 km from the ancient Nalanda ruins, which is expected to be complete by 2020.

Statesman ND 20.09.2014 P-07

# AICTE unhappy with proposal for higher education panel

**ABHIJEET ANAND**

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New Delhi, 19 September

The proposal to create a Higher Education Commission that will assume the role of both the regulatory bodies — UGC and All India Council for Technical Education (AICTE) — for which a Bill is pending in the Parliament, has not been welcomed by the body that gives recognition for technical courses.

AICTE Chairman SS Mantha is not a proponent of the regulator being dissolved despite recommendations by panels of eminent persons to create a common body which recognises as well as funds technical

and general courses. AICTE is also known for its non-transparent functioning due to which there have been demands by private institutions to dissolve this body.

“It is not correct to dissolve this body. The AICTE is playing its role,” said Mr Mantha on the sidelines of “Conclave on Entrepreneurship” organised by the regulator

A number of institutions present in the conclave were in favour of devolving the role of regulation to the universities, as the AICTE does not have the requisite staff to verify the claims of the educational institutions vis-à-vis the infrastructure and faculty.

According to AICTE Act,

it is mandatory that inspections are carried out every four years which is reportedly seldom followed by the regulatory body.

On staff shortage, especially inspectors, Mr Mantha said this has been an “ongoing process”. Vacant posts will be advertised and inspectors recruited. He was dismissive of any major shortcoming in the AICTE.

The AICTE has asked all universities and colleges recognised by it to start an entrepreneurship cell. Setting up of such a cell has not been made mandatory for the colleges. However, private colleges were not given any orientation on what kind of support will be offered to start this cell.

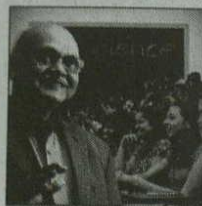


Deccan Herald ND 20/09/2014 P-10

## Getting scientists to teach is a good move

**T**he scheme announced by the Union minister for science and technology Jitendra Singh by which scientists working with departments under the ministry will have to teach students of schools and colleges for a specified period of time every year is a welcome initiative. The aim is to develop a link between laboratories and technology centres where the scientists work and class rooms where future scientific talent has to be groomed. In the existing system in the country there is a disconnect between these two important segments. In all countries where science and technology have developed there is an organic and productive link between academic institutions on the one side and industry and centres of science on the other. India should have taken steps to develop such linkages much earlier than now.

According to the plan, scientists from the S&T and allied departments and the laboratories of the Council of Scientific and Industrial Research will have to take classes in schools and undergraduate colleges for 12



**"Scientists will give students a real experience of research."**

hours every year. The requirement is mandatory and the scientists' record of performance may even be evaluated. It will not affect the scientists' work in their institutions because they need to set apart only 12 hours in an year for engagement with students. It will certainly help students to widen their horizons of knowledge and develop scientific temper. For most students in India scientists are distant and unreal entities. Experiences of direct and personal interaction with them will benefit the students a lot. Many of them may get more interested in science and may be encouraged to choose scientific research as a career opportunity in future. It is well known that the state of science education in the country is in a bad state. This has much to do with the lack of infrastructure and the absence of adequate number of trained teachers. While these need to be improved, it is also necessary to give students a better understanding of science and give them more perspectives about it. Scientists, with their knowledge and real experience of research, will be able to do it. They will also stand to gain from their interaction with growing and inquisitive minds.

The initiative should not be reduced to a routine government scheme devoid of spirit and a sense of purpose. It should also be planned and structured well so that schools in both towns and villages are involved in it. Since the idea is good and innovative, it should be implemented well.

# Applying education reforms in true spirit

## PLAYING THEIR PART

Srinivas K Saidapur looks at how different states and institutions can be instrumental in the fruitful implementation of RUSA

**D**eclining educational standards in the recent decades, poor or obsolete infrastructure, crunches in funds and faculty, huge increase in the number of eligible youth seeking higher education are universally known truths.

It is heartening that the Ministry of Human Resource Development (MHRD) felt the need to initiate the steps that are needed to build global level of infrastructure and faculty so as to develop competency and skills needed to withstand global competition. At the same time, there is a need to give due regard to access, equity and excellence as well as enhance enrolments of all eligible youths to higher education.

These ideas have been the major concerns of various reports of the commissions on higher education. With this background, the government of India through MHRD proposed a new scheme called "Bastriya Uchcharat Shiksha Abhiyan" (National Higher Education Mission), popularly known as RUSA, in the recent past. It aims at supporting colleges and universities that are funded by UGC under its Act (Clause 12B and 2(f)) as well as those not falling under these criteria of eligibility for funding by the UGC.

### Purpose of the scheme

The RUSA scheme is meant to usher good governance at the state and institutional levels for bringing in academic, administrative and financial reforms in a big way so as to achieve autonomy, freedom, flexibility as well as accountability at the levels of both - the states and the institutions. RUSA therefore denotes a well thought out scheme of central funding for higher state education. It has also suggested the constitution of various governing bodies and structures at various levels.

RUSA funding is performance based. It is a scheme for planned expansion of access, equity and excellence in higher education. The ratio of central and state funding varies depending upon the institution; 90:10 for northeastern states, 65:35 for other states and union territories; 50:50 for private aided institutions.

The funds are given for both infra-



structure and quality improvement. Institutional perspective plans, commitments of the state and the recipient institutions are key elements to attract RUSA funding. The State Higher Education Councils (SHEC) have a major role in bringing about reforms not only in its structure and functioning but also for the entire state machinery.

As per RUSA norms, SHEC is "an autonomous body that will function at an arm's length from the state government". Apparently, this requires considerable will on the part of the State governments. Not all States have their SHECs in place. Even if they have one it is often not structured as per RUSA norms. This could be one major problem in implementing RUSA scheme in States.

Given commitments and reforms in the governance of states and SHECs with appropriate mechanisms in place, the institutions can then formulate their vision plans and submit the proposals to the SHEC. The various plans so received in a state are aggregated by the SHEC and also place a super layer of its own ideas and then send it to MHRD for its final consideration.

Accreditation of institutions by appropriate/ recognised agency such as National Assessment and Accreditation Council (NAAC) is a must to be eligible for RUSA funding.

This is non-negotiable. Base funding is decided based on student population, backwardness of the state, performance on access, equity and governance indices while competitive funding depends on

the sum total of score of the state/ institutions on all norms.

At present, scope of the programme spreads to about 300 varsities (of the 574) and 8500 colleges (of the 35,539). RUSA components include:

- New universities
- Upgrade of autonomous colleges to universities
- Conversion of colleges to cluster universities
- New model colleges
- Upgrade of degree colleges to model colleges
- Infrastructure grants to universities
- New colleges (professional)
- Infrastructure grants to colleges
- Research, innovation and quality improvement
- Equity initiatives
- Faculty recruitment support
- Faculty improvements
- Research universities
- Vocationalisation of higher education
- Leadership development of educational administrators
- Institutional restructuring and reforms
- Capacity building and preparation, data collection and planning
- Management of information system

Objectives of RUSA revolve around faculty issues (filling vacancies, creating new posts, faculty improvement), establishing specialised inter-university centers, innovation incubators, linkages with industries/ varsities/ research institutions/ civil societies through PPP models and enhancing overall quality of higher

education (teaching, research and innovation).

The states must have not only a SHEC but also its perspective plans, commitment of contributions as per cent of their own GDPs (GSDP), commitment to adhere to timelines for fund release, agreement to create separate RUSA fund, filling faculty vacancies, accreditation reforms, affiliation and examination reforms etc. Likewise, similar plans and commitments are needed from the institutions.

In short, RUSA is a new innovative scheme meant to enhance quality of higher education and increased access to it in view of the projected rise in the population of youths in the years to come as per the fast changing demographic scenario. If we fail to foresee the demand for higher education (excellence) and equal opportunity to socially and educationally backward communities, future of the country will be at stake.

Therefore, the onus of making RUSA a successful venture lies on the leadership of the state education ministers, chief ministers, SHECs and their administrative staff. The states need to provide dynamic/ proactive leadership (providing awareness of RUSA scheme, setting up needed mechanisms and reforms in governance and a worthy SHEC) with well planned timelines, lest the entire scheme be fruitless.

*(The author is former vice-chancellor, Karnatak University, Dharwad)*

# Foreign Students Need Govt's Nod to Study Here

<http://www.newindianexpress.com/cities/bangalore/Foreign-Students-Need-Govts-Nod-to-Study-Here/2014/09/19/article2438616.ece>

BANGALORE: Foreign nationals seeking admission to universities in the country will need prior approval from the Union Ministry of Human Resource Development or the University Grants Commission (UGC).

The UGC took this decision keeping national security in mind. It is also mandatory for higher education institutions planning any promotional activities to get prior approval from the MHRD or the UGC.

According to the department of higher education, it is largely the deemed-to-be and the private universities which reserve seats for foreign students and have agents abroad to promote their institutions.

“We have got the circular but we have nothing to do with it because the university does not admit foreign students directly. We will circulate the copy of the circular to affiliated colleges,” said Dr B Thimme Gowda, Vice-Chancellor, Bangalore University.

# HRD Minister Smriti Irani inaugurates AICTE Conclave on Entrepreneurship Education

<http://www.mbauniverse.com/article/id/7957/Smriti-Irani-MHRD>

HRD Minister, Govt. of India, Smt. Smriti Irani inaugurated one day AICTE Conclave on Entrepreneurship Education in New Delhi on September 19, 2014.

The All India Council for Technical Education (AICTE) organized the conclave to discuss the relevance and importance of “Entrepreneurship”, Start ups and incubation centers in our Academic Institutions.

Addressing the conclave, the HRD Minister Smriti Irani said that Indian Institutes of Technology (IITs) are ranked fourth on a list of 50 best entrepreneurial undergraduate institutes in the world. The ranking was compiled by PitchBook Data, a US-based private equity and venture capital research firm.

Sharing the achievement at the AICTE conclave Irani said ‘The feat calls for further celebrations as the IITs have been ranked higher than some of the best Ivy League universities such as Harvard.’

The minister referred to the rankings while underscoring the need to inculcate an entrepreneurial mindset among the youths, noting that knowledge and entrepreneurship are key to take the country ahead. In the study, the research firm found that the IITs had a total of 264 entrepreneurs, who have founded 205 companies and cumulatively raised USD 3.15 billion.

The paradigm of education, she said, should be such that it is able to cross the knowledge with analytical skills and logical reasoning, helping students acquire skills and entrepreneurial qualities.

To help realise the objective, "we hope to revamp our pedagogy and curriculum to make it more relevant to our society and our students market-ready not just domestically but also internationally". "We would also like to inculcate an entrepreneurial mindset not only in schools and colleges through changes in curricula but through introduction of teaching training and teaching material designed especially for entrepreneurship," she said.

Noting that innovation has become increasingly open and collaborative today as opposed to the existing close in house innovation models, the minister suggested development of innovation clusters to promote collaboration between research organisations, industry and university.

Irani said her ministry would soon operationalise a 'council for higher education and industry' so that "together we can bring about solution that our nation has so long sought".

This conclave was addressed by senior government functionaries and successful Entrepreneurs in various sectors from across the Country. Sh. Ashok Thakur, Secretary (Higher Education), MHRD, Govt. of India, presided over function. Prof S.S. Mantha, Chairman, AICTE & Prof. Avinash S. Pant, Vice-Chairman, AICTE, Shri. R.P. Sisodiya, Joint Secretary, MHRD Dr Pritam Singh, Director General IMI and other Senior Officials of MHRD & AICTE also participated.

The Conclave was attended by Vice Chancellors, Directors/Commissioners of Technical Education Department of States/UTs, Director/Principal/Deans/ Senior faculty members of Institutes and other senior functionaries.