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एक भारत... श्रेष्ठ भारत



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GRAND ACADEMIC PORTAL

WISHES



May the festival of Diwali fill your life with happiness and glory... success and prosperity.... Good fortune and great health.... Dear Academicians and Researchers, I wish that you are blessed with the best of everything, for you have been the best mentor to me. Wishing you a very Happy Diwali.

Dr. Parth Rashmikant Bhatt

Chief Editor

GAP-HARD

National

IIT Madras Faculty, Alumni Develop India's First 3D Printing Construction Technology

Education | NDTV Education Team | Updated: October 27, 2018 18:20 IST



The first 3D Printed structure built for demonstration at IIT Madras Campus, Tamil Nadu.

NEW DELHI: Indian Institute of Technology (IIT) Madras faculty and alumni have developed the country's first 3D Printing Construction Technology

and have successfully built India's first 3D Printed Structure, according to a statement from the Institute. Tvasta Manufacturing Solutions, an emerging additive manufacturing startup, and Civil Engineering Department, IIT Madras, have established a one-of-a-kind 3D printing laboratory - the IIT Madras Printability Lab - to take this indigenously-developed technology to the mass market.

The start-up aspires to completely automate construction, including placement of reinforcements and finishing, by re-envisioning the construction process, the statement said.

It aims to develop a platform and a specific process to a miniature single storey house of 320-sq.ft within three days.

A prototype structure that has been printed in IIT Madras will serve a base foundational model for accelerating R&D and testing in Tvasta's road to making affordable sanitation and Affordable housing a reality in the country, the statement added.

"Building Technology and Construction Management Division at IIT Madras is a unique Research Group in the country which has the expertise in materials as well as construction technologies which is relevant to this effort," Prof Koshy Varghese, Department of Civil Engineering, IIT Madras, who has been a driving force in the establishment of this research in IIT Madras, said.

Prof Varghese added that his team has been working on developing 3D Printing technology in the area of Construction from 2016 and has conducted International Workshops and awareness sessions for this in Chennai.

"In addition, the institute is exploring automated construction methods and novel formwork systems for rapid housing construction," he said.

(L_R) The founders of Tvasta startup: Santhosh Kumar V, Adithya VS, Vidyashankar C. Iyer, and Parivarthan Reddy B.

He also noted that IIT Madras worked on other housing technologies such as GFRG and Cold-Form Steel, which are now at a mature stage and can enable rapid construction to cater to India's massive housing demands.

IIT Madras is collaborating with several government agencies and industry to disseminate knowledge and establish standards, policies and processes to bring these technologies to the field.

Speaking about the importance of this technology to construction industry, Prof Manu Santhanam, Department of Civil Engineering, IIT Madras, who has been working with the Tvasta team, said, "3D printing of concrete gives a new dimension to construction. This technology can best meet the complex demands of modern architecture with concrete. The use of a combination of binders and optimally proportioned and sized aggregates, along with suitable chemical additives, the concrete mixture is fine tuned

to achieve the rheological characteristics that make it possible for extrusion of the material and shape retention after placement."

Highlighting the benefits of this technology to the country, MsKranthiValluru Assistant Secretary, MoHUA, said, "It is very heartening to see that institutions like IIT Madras and new startups such as Tvasta building technologies like 3D printing for construction sector in India from the ground up under the 'Make in India' platform. Such technologies help in expediting construction with optimal use of resources. They help in bringing a paradigm shift in construction sector which is very much the need of the hour."

Talking about their plans, Mr. Adithya VS, Co-founder of Tvasta said, "Tvasta will be building India's first 3D printed house within the next one year. The impact of 3D printing in construction will be primarily focused towards the 'Housing for All' scheme under the Pradhan Mantri Awas Yojana and Construction of Toilets for the 'Swachh Bharat Abhiyan'. Tvasta is working with multiple stakeholders in the Construction Industry to make 3D Printing technology suitable and viable for the Indian construction industry."

The Founders of the startup are Mr. Adithya, Mr. Parivarthan Reddy, Mr. Vidyashankar C. and Mr. Santhosh Kumar.

This industry-academia symbiosis is spearheaded by Prof. Koshy Varghese, Prof. Ravindra Gettu, Prof. Manu Santhanam, Prof. Koshy

Varghese and Prof. Benny Raphael from Civil Engineering Department and Prof. G. Saravana Kumar from Engineering Design, IIT Madras.

Delhi University To Observe Vigilance Awareness Week From October 29

Education | NDTV Education Team | Updated: October 27, 2018 15:41 IST

The DU administration asked all the faculties, departments and institutes to observe the Vigilance Awareness Week as per the guidelines of CVC.



The University has also asked the stakeholders to send a report of the activities undertaken.

NEW DELHI: The Delhi University is observing Vigilance Awareness Week from October 29 2018 to November 3, 2018, with the theme of "Eradicate

corruption-build a new India" as per guidelines issued by Central Vigilance Commission or CVC. The administration asked all the faculties, departments and institutes of the University to observe the Vigilance Awareness Week as per the guidelines of CVC, communicated through a Circular dated September 24, 2018.

The University has also asked the stakeholders to send a report of the activities undertaken along with the photograph etc., to the Vigilance Cell, University of Delhi, so as to enable the Cell to transmit a compiled report to the CVC.

'In pursuit of the vision of the Government of India to make a New India by the year 2022', according to a circular from CVC, which is the 75th anniversary of our independence, the Commission, 'as the apex integrity institution of the country, endeavours to promote integrity, transparency and accountability in public life'.

"Observance of Vigilance Awareness Week every year is part of the multi-pronged approach of the Commission where a key strategy is to encourage all stakeholders to collectively participate in the prevention of, and the fight against corruption and to raise public awareness regarding the existence, causes and gravity of and the threat posed by corruption," the circular said.

The Commission has, therefore, been advising all organizations/departments to identify and implement effective preventive

measures to fight corruption and to enhance transparency and accountability in their functioning.

According to the Commission, the observance of the Vigilance Awareness Week would commence with the Integrity Pledge by public servants in the Ministries/Departments/Central Public Sector Enterprises (CPSEs)/Public Sector Banks (PSBs) and all other Organisations on October 29, 2018 at 11.00 a.m.

It has asked all organisations to conduct activities relevant to the theme both within and outside their respective organisations, and to conduct outreach activities for public/citizens as workshops or sensitization programmes for employees and other stake holders on policies and procedures of the organization and on preventive vigilance measures and competitions.

VICE PRESIDENT CALLS FOR RESERVATION OF SEATS FOR THE POOR IN PRIVATE INSTITUTIONS

The Vice President pointed out that public sector alone cannot provide quality higher education for all and the private sector must pitch in.

Education | Edited by ShihabudeenKunju S | Updated: October 22, 2018
21:04 IST

Mr. Naidu called for increasing the number of institutions to meet the growing demand (file).

PHAGWARA, PUNJAB: The Vice President of India, M. Venkaiah Naidu today exhorted universities and higher educational institutions in the private sector to earmark certain percentage of seats for the poorer sections and subsidize their education. Delivering the 9th Convocational Address of the Lovely Professional University at Phagwara, Punjab, he said, "Unfortunately, quality private sector education has become out of bounds for the poor and marginalized sections".

"Why should not private universities earmark certain percentage of seats for students belonging to poorer sections and subsidize their education", he asked.

The Vice President pointed out that public sector alone cannot provide quality higher education for all and the private sector must pitch in.

He said that industries and the private sector in general should supplement the efforts of the government in making quality education available to all.

"Our challenge is to ensure the spread of knowledge to every section and every corner of our country", he added.

Calling for a complete overhaul of our education system, the Vice President said that majority of our colleges have become mere breeding centers for producing students with degree certificates rather than individuals with critical analytical skills. He expressed concern that students passing out of colleges were lacking the employable skills.

Quoting poor performance of Indian higher educational institutes, the Vice President stressed the need to improve the standards by leaps and bounds to make them globally competitive.

He called for increasing the number of institutions and universities to meet the growing demand of students seeking higher education and to realize India's target of a gross enrolment ratio of 30% by 2020.

The Vice President said that educational institutions must kindle the entrepreneurial spirit among the students. Lauding the farmers of Punjab for turning the state into rice bowl of India, the Vice President called for making agriculture sustainable through innovative methods. He suggested students studying agriculture must spend time with farmers to have a firsthand understanding of the problems faced by farmers.

BRITISH COUNCIL, NEC SIGN MOU ON EDUCATIONAL AND CULTURAL COLLABORATION

The MoU will support the higher education, English language, skills and cultural aspirations for the young people from Arunachal Pradesh, Assam, Manipur, Meghalaya, Mizoram, Nagaland, Sikkim and Tripura.

**Education | Edited by ShihabudeenKunju S | Updated: October 11, 2018
18:24**

British Council will impart training to 1600 teachers on English, Mathematics and Science.

SHILLONG: Alan Gemmell, OBE, Director British Council India and Siile Anthony, Director (HRD and E), North Eastern Council (NEC), today signed a Memorandum of Understanding to strengthen educational and cultural cooperation, to support the knowledge ambitions and economic growth of the eight States of the North East. The MoU will support the higher education, English language, skills and cultural aspirations for the young people from Arunachal Pradesh, Assam, Manipur, Meghalaya, Mizoram, Nagaland, Sikkim and Tripura.

As a result of this of this MoU, artists and the cultural community of all the Northeast states would get the opportunity to share culture, creativity and ideas with the UK. Government school teachers and faculty members of higher education institutions would gain access to English Language

learning, quality education and internationally benchmarked assessments, said a statement from British Council India.

The MoU will work towards improving English communication of State civil servants, developing capacity-building initiatives in State Governments, supporting improvements in the teaching of Mathematics and Science, capacity-building programmes for faculty and senior administrators of higher education institutions and it will seek to increase student and academic mobility, for all 8 states of the region, the statement added.

"We've been inspired every day of the last 70 years by the artists, students, scientists and policy makers we've worked with in India and the North East," said Alan Gemmell OBE, Director of the British Council in India.

"Our work in the last two years has started to make a difference - we created Mix the Cities Northeast, put the Himalayan Poppy as the central attraction of our India: A Billion Dreams garden at the Chelsea Flower Show, presented a brilliant musician at Ziro Festival of Music and we have trained 48 football coaches from all eight states, including Sikkim," he added.

"By signing a MoU with the NEC," the director said the British Council is "able to make an impact across eight states simultaneously, and I hope it

will enable more young people to realise their aspirations in education, skill development and arts and culture."

Press Trust of India reported that British Council will impart training to 1600 teachers on English, Mathematics and Science over a period of ten months in eight north eastern states.

The 2-phase pilot project, which will begin from November this year, will see academicians of the British Council imparting training to 100 teachers each from each state in the North East, they said.

"The MoU was signed at the NEC secretariat here between the British Council and the NEC for imparting training to English, Mathematics and Science teachers in the region to improve quality of teaching," Mr. Anthony told PTI.

The MoU celebrates the British Council's 70th anniversary in India, in particular the rich cultural connections the Northeast has had with the UK, and seeks to strengthen the relationship for the next 70 years.

According to the statement, the British Council has worked continuously with the various states from the North East, the most recent example being Mr. Alan Gemmell's meeting with Chief Minister of Arunachal Pradesh, Pema Khandu, to discuss Council's support in the state's English language teacher education, skills development for young people, and greater collaboration with the UK in arts and culture, last month.

British Council presented London-based musician Nubya Garcia at this year's Ziro Festival of Music in Arunachal Pradesh. In 2016, British Council presented two leading bands from the UK at the NH7 Weekender festival in Shillong.

British Council had provided technical support to the Asian Development Bank-funded 'Supporting Human Capital Development in Meghalaya initiative' of the state government to enhance the employability of its youth.

To strengthen employability and promote gender inclusion, British Council had launched Premier Skills Guwahati earlier this year, in which UK Premier League coaches trained 48 football coaches from the Northeast, including a coach from Meghalaya, said the statement.

Current Reservation Policy For Higher Education Faculties To Stay: Not In Favour Of Changes, Says HRD Ministry

By Swarajya Staff - Oct 26 2018, 12:19 pm,



HRD Minister Prakash Javadekar (Mohd Zakir/Hindustan Times via Getty Images)

In response to a question raised by the Law Ministry regarding the different reservation policies adopted for SCs and STs on one side and OBCs on the other, the HRD (Human Resource Development) Ministry said that it was not in favour of changing the current policy for Higher Education with regards to faculties, reports The Indian Express.

The Law Ministry had raised doubts on the existing policy while investigating the viability of an ordinance that would be brought to undo an order passed by the Allahabad High Court.

The Court's judgment had allowed for the implementation of UGC's (University Grants Commission) new suggestion that reservation in teaching positions should be calculated considering the strength of an individual department (like English department) instead of taking into account all the posts available in an institute. Some had voiced concerns against the proposal since it would effectively reduce the number of SC, ST and OBC teachers in higher education.

The Union government, in a bid to protect minority interests, had moved the Supreme Court to strike down the High Court's verdict. Since the case was pending in the court, the government was bringing in an ordinance to undo the HC verdict. This was necessary as all recruitment in universities had come to a standstill.

The HRD Ministry had reminded its Law counterpart that it wants to restore the old reservation policy for faculty positions. While the teaching positions for SCs and STs were reserved on three levels of professorship, involving two promotions, only positions in the entry level were reserved for OBCs. This policy was brought into question by the Law Ministry.

International

<http://www.universityworldnews.com/>

Denmark Retains Its World-Class Position In Research



Oct 23, 2018 at 12:00am ET By Alyssa Walker

Want to study in one of the world's biggest research hubs? Consider Denmark.

According to the recent tenth edition of the Research Barometer, a collection of indicators comparing Denmark to 35 other OECD countries, Denmark has maintained its world-class position in research and development.

According to Denmark's National Research Foundation (DNRF), Denmark's strong commitment to research ranks among the best in the world.

<https://www.masterstudies.com/news/International-News/>

Dubai International Academic City Market Research Study Reveals Findings on Global Student Recruitment Practices and International Student Growth Markets for 2018

104 universities from 41 countries provide insights into global student recruitment practices India to Overtake China as Fastest-growing International Student Target Market for Universities

Please DOWNLOAD the Full Study here

Dubai-UAE: 09 October, 2018 – Dubai International Academic City (DIAC) and BMI Media, a leading student recruitment event organizer, followed up their first market research study on the priorities and preferences of transnational students in 2017 with new research entitled, “Transnational Student Mobility and University Trends in 2018: University Marketing Methodologies, Offerings and Student Recruitment Strategies”, which launched at the 2018 BMI Global Education Fair.

The report, which focuses on transnational student growth around the world, target markets for recruiting transnational students and core insights into student recruitment, surveyed 104 universities from 41

countries across six continents, with a majority of these universities being based in the USA, UK, Canada and the UAE.

Sixty-eight per cent of the institutions have been in operation for over 30 years, while 38 per cent of respondents have more than 20,000 students, indicating long standing and reputable universities. Fourteen per cent of the participating universities were offshore International Branch Campuses (IBC's), located in the UAE, China, Malaysia and more.

One of the main results of the study showed that India is widely perceived as the fastest-growing market for transnational student recruitment, in addition to a majority of surveyed institutions anticipating increased marketing activities in India in the next twelve months, putting China at a close second place. The bi-lateral economic and commercial ties between India and UAE are at an all-time high; with relations being strengthened across a range of areas including trade, investment, energy, artificial intelligence and space. UAE universities can expect to benefit from these strengthening relationships with an increased number of Indian students travelling to the UAE for university studies.

Speaking at the launch of the study, Mohammad Abdullah, Managing Director of DIAC, said: "Globalisation has transformed the education landscape, fuelling the rise of borderless higher education and a growing transnational student market worldwide. This trend plays a key role in bridging barriers and bringing countries closer together. Our second study with BMI Media helps broaden our understanding of the motivations

and student recruitment practices of the world's higher education institutions, as well as the obstacles universities face when recruiting students from abroad.”

He added: “Through our research, we aim to continue driving the development of higher education, and identify opportunities for universities, students and agents alike. The UAE is a growing higher education hub with 83 per cent of the UAE universities surveyed experiencing growth and the student numbers at DIAC increasing by seven per cent over the previous academic year. The government’s recent changes to residency visa regulations for students will definitely support this trend.”

While most universities perceive India as the fastest-growing market for transnational student recruitment, the country topping that list is currently still China, closely followed by India, Nigeria, Saudi Arabia and Pakistan. These findings highlight the increasing willingness of students from across emerging markets to pursue higher education abroad.

Rupert Merrick, Director at BMI Media, said: “In partnership with DIAC, we set out to conduct the second research study to shed light on the growth markets for transnational students and the strategies universities employ to attract them. Our findings have confirmed that the education landscape is shifting. For instance, we were intrigued to learn that most of the educational institutions surveyed expect India to become the fastest-

growing student market, a position that was dominated by China for the past decade.”

Other key findings of the study include:

The demand for transnational education is on the rise. Forty-two per cent of the respondents witnessing growth of up to five per cent in the academic year 2017/2018. Whilst only 14 per cent recorded a loss in transnational student number, 60 per cent of which came from the U.S. where universities are experiencing a well-documented decline due to current government policy across a range of issues. Locally, 80 per cent of UAE universities experienced transnational student growth.

The biggest obstacle for transnational student growth is government policy, especially in the USA and the UK. The current US visa regulations and foreign policy deter students from going to that country, while in the UK, Brexit has created uncertainty for students from the European continent regarding their post-study working rights. The second-ranked obstacle is the comparative cost of the higher education programmes, followed by a lack of funding, economic factors abroad and visa issues.

The most effective student recruitment activities are agent recruitment events, followed by student recruitment fairs and digital advertising, which are considered critical for universities seeking to attract international students. Among the least effective methods are various forms of traditional marketing, such as print, television and radio advertising.

Over the past years, emerging education hubs such as the UAE and Malaysia have provided viable alternatives to established destinations such as the USA, UK, Australia and Canada. With a focus on Business, Management and STEM-related subjects – which receive the highest uptake in student numbers – paired with simplified application processes and supportive government policies, universities are in a strong position to increase enrolment numbers of transnational students.

The country places third in the number of citations per publication and second in terms of its ten percent share of the most cited scientific publications in OECD countries. Switzerland took first place.

The report also explains that among OECD countries, Danish researchers are the best in publishing their results in collaboration with the business market.

More highlights include the award of 2,279 PhDs in 2016, the fourth highest level in OECD countries; 14 researchers per 1,000 workers; the highest share of publications co-published with the business market; a focus on natural science and health; and 20,457 scientific articles per one million inhabitants.

DNRF's CEO Søren-Peter Olesen said, "This year's Research and Innovation Indicators show that Denmark is one of the leading research nations worldwide, and we at the Danish National Research Foundation are excited about the results. Denmark's position has been built over several years; however it is important to point out that society must

continue to prioritize research, so that Denmark maintains its position as one of the leading societies when it comes to knowledge and as a country where research and business go hand in hand."

<http://www.diacedu.ae/news/dubai-international-academic-city-market-research-study-reveals-findings-on-global-student-recruitment-practices-and-international-student-growth-markets-for-2018/>

Oct 26, 2018 at 12:00am ET By Alyssa Walker

Good news for South Korea: international student numbers increased by over 19 percent in the past year.

The National Institute for International Education under the education ministry reports that the number exploded to 142,205 in April from 123,850 in 2017. This is compared to 12,000 international students 15 years ago.

According to the Yonhap News Agency, most of those students come from China, which accounted for 48.2 percent of the total. This is a decrease from 2010, when the percentage of Chinese students studying in South Korea reached a record high of 71 percent.

Other countries contributed to the surge in international enrollment. Vietnamese students comprised 19 percent of the overall total with 27,061 students, followed by Mongolia at 6,768, Japan at 3,977, and the US at 2,746.

This spike in enrollments has also caused an increase in those who overstay their visas.

Recent government reports showed that students staying on illegally after their student visas expire increased from 5,652 to 11,176 last year, an increase of almost 98 percent.

Kim Hae-Young of the ruling Democratic Party said, "Many [Korean] universities now seek to bring in more international students as the number of Korean students keeps dropping. But it seems like they should introduce programs to support international students after they get their degrees in Korea."

Kim explained that while South Korea wants to welcome international students to its universities, they do not want to encourage breaches in immigration rules.

<https://www.academiccourses.com/news/International-News/>

Dr. Arundhati P. Dasani
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GAP-HARD

UGC Asks Universities, Colleges to Celebrate 'Rashtriya Ekta Diwas'



As per the report published by Anisha Singh on 23rd October, 2018 in ndtv.com, Days after CBSE instructed its affiliated schools to organize appropriate activities to observe 'Rashtriya Ekta Diwas' on October 31, 2018, UGC has issued a similar circular to Higher Education Institutes. National Unity Day or Rashtriya Ekta Diwas is observed to commemorate the birth anniversary of Sardar Vallabhbhai Patel. The circular reads, "The occasion provides us an opportunity to re-affirm the inherent strength and resilience of our nation to withstand the actual and potential threats to the unity, integrity and security of our country."

Some of the suggested activities for Universities and affiliated colleges include a 'Run for Unity' by the students, teachers, and staff with the message of Unified Bharat. Another activity suggested by UGC is 'Rashtriya Ekta Diwas' pledge taking ceremony, and debates, quizzes and competition on relevant topics. Similar activities were suggested by CBSE

to schools. In colleges where NCC unit exists, UGC has suggested inviting Army Officers/Ex-Army Officers to give a talk on National Unity, Integrity, Security and any other related topic.

Vice President Calls For Reservation Of Seats For The Poor In Private Institutions



As per the report published by ShihabudeenKunju in ndtv.com, The Vice President of India, M. Venkaiah Naidu today exhorted universities and higher educational institutions in the private sector to earmark certain percentage of seats for the poorer sections and subsidize their education. Delivering the 9th Convocational Address of the Lovely Professional University at Phagwara, Punjab, he said, "Unfortunately, quality private sector education has become out of bounds for the poor and marginalized sections".

"Why should not private universities earmark certain percentage of seats for students belonging to poorer sections and subsidize their education", he asked. The Vice President pointed out that public sector alone cannot provide quality higher education for all and the private sector must pitch in. He said that industries and the private sector in general should supplement the efforts of the government in making quality education

available to all. "Our challenge is to ensure the spread of knowledge to every section and every corner of our country", he added.

INSTITUTES NOT RETURNING FEES AFTER WITHDRAWAL OF ADMISSION WILL FACE ACTION: HRD MINISTER SATYAPAL SINGH



As per report published by Anisha Singh on 03rd October, 2018, in ndtv.com, Higher Education Institutes will have to return the fees in case a student withdraws his/her admission. Failing to do so will result in action against the said Higher Education Institution. Dr. Satyapal Singh, Minister of State for HRD Ministry, tweeted today to inform that Higher Education Institutes will no longer be allowed to exploit students.

Dr. Satyapal Singh's tweet read, "Any institution not returning fees in case of withdrawal of admission will have to face action."

OXFORD RANKED WORLD'S BEST UNIVERSITY FOR THIRD YEAR RUNNING



As per the article published in ndtv.com , Oxford University was last week declared the world's number one university for the third successive year in the latest Times Higher Education World University Rankings. Oxford, the only UK University ever to top the international rankings, sustains its position through the outstanding quality of its research, teaching and innovation, said a statement from the varsity.

The new league table for 2019 was unveiled at the World Academic Summit in Singapore last week, with Oxford first among the 1258 universities assessed worldwide, including 98 from the United Kingdom.

"You cannot lead the T.H.E World University Rankings without an outstanding performance right across our full range of performance indicators, covering teaching excellence, research power and impact,

industry relations and international outlook," commented Phil Baty, Chief Knowledge Officer, Times Higher Education.

According to Mr Baty, Oxford stands out across the board, but what sets it apart from the top-ranked schools below it, primarily from the US, is its exceptionally international focus.

Times World University Ranking 2019: Indian Institutes in the List

"Oxford thrives, not just due to strong levels of research funding, and a remarkably intimate teaching environment, but primarily due to the talent on its campus - and there's no doubt Oxford is a magnet for talent globally, attracting the brightest and the best students and faculty from all over the world," he added.

The Times Higher rankings are described as the only international league table which assesses universities for all their activities, considering teaching, research, citations, industry collaboration and international outlook.

Oxford was highly rated on all factors, reflecting its all-round strength at the forefront of the full range of academic disciplines, spanning medical sciences, science and engineering, humanities and social sciences.

IISc Retains Top Indian University Position; IIT Indore Makes an Impressive Debut In Times Ranking

Oxford scored highly in the Times Higher rankings for the quality of its teaching. In May, the University announced a 50% expansion of its highly successful UNIQ summer school. Each year, this will give an extra 500

pupils from under-privileged backgrounds the chance of securing an Oxford undergraduate place, with its highly-specialised individual tuition provided through the college system.

Revamp Higher Education To Meet Contemporary Needs: Venkaiah Naidu



Mr. Naidu was addressing the fourth convocation ceremony of the National Institute of technology, Goa where he said that education is not only for employment, but also meant to empower students and help them become global citizen. He said that the country faces numerous challenges and they have to be combated in a concerted manner to build a “New and Resurgent India”.

CENTRE GIVING AUTONOMY TO INSTITUTIONS LIKE IIMS: PM MODI



As per Arun Nair's report published in ndtv.com, Prime Minister Narendra Modi addressed a conference attended by Vice Chancellors and Directors of over 350 higher education institutions. The 'Conference on Academic Leadership on Education for Resurgence' is in continuation of the efforts being made by the Ministry for evolving an action plan for transformation of the higher education sector. "The theme of the conference is to deliberate on the challenges facing the Indian education system and to work out a plan for a paradigm shift both in terms of achieving academic outcomes and also in regulation of education.

Here are the highlights of PM Modi's speech:

- Knowledge and education are not restricted to books
- The purpose of education is to enable balanced growth of every dimension of a human being, which is not possible without innovation.
- In our ancient/old universities like Takshshila, Nalanda and Vikramashila, innovation was given emphasis along with Knowledge.
- In our ancient universities like Nalanda, Vikramshila and Takshashila both knowledge and innovation were equal given importance.
- I insist that students should give knowledge in the class room of the College, University but they also add them to the aspirations of the country.
- Centre strives to make educational institutions in the country's needs at every level..
- With this vision, we have started the Atal Tinkering Lab. Focusing on increasing trend of innovation in schoolchildren.
- Our government is also focusing on investing in education.
- To improve the infrastructure of education, the Revitalization of Infrastructure and Systems in Education or RISE programme has been started. It aims to spend one lakh crores by 2022.
- The government has set up HEFA- that is, High Education Funding Agency, which will provide financial assistance in the formation of higher educational institutions.

- Government has decided to increase the budget of National Higher Education Campaign.
- We have started this by giving autonomy to institutions like IIMs.
- Now IIM has got the strength to decide on its course curriculum, teacher appointment, board member appointment, expansion.
- The government will no longer have any role in them. This is an unprecedented decision related to higher education in India.

Fahmeeda F. Shaikh
Assistant Professor,
Gujarat Arts & Science College,
Ahmedabad, Gujarat.

ARTICLE

NATIONAL INSTITUTIONAL RANKING FRAMEWORK: NATION'S FIRST RANKING AGENCY IN HIGHER EDUCATION



Overview

The National Institutional Ranking Framework (NIRF) was approved by the MHRD and launched by Honourable Minister of Human Resource Development on 29th September 2015.

This framework outlines a methodology to rank institutions across the country. The methodology draws from the overall recommendations broad understanding arrived at by a Core Committee set up by MHRD, to identify the broad parameters for ranking various universities and institutions. The parameters broadly cover “Teaching, Learning and Resources,” “Research and Professional Practices,” “Graduation Outcomes,” “Outreach and Inclusivity,” and “Perception”.

India Rankings – 2016 based on this framework were released on 4th April 2016.

For India Rankings – 2017, the main ranking parameters remain the same. However, there are a few significant changes in a few sub-parameters. Also, this year every large institution will be given a common overall rank as well as a discipline specific rank as applicable.

Parameters

Teaching, Learning & Resources

- Student Strength including Doctoral Students
- Faculty-student ratio with emphasis on permanent faculty (FSR)
- Combined metric for Faculty with PhD (or equivalent) and Experience (FQE)
- Total Budget and Its Utilisation: (CBTU)

Research and Professional Practice

- Combined metric for Publications (PU)
- Combined metric for Quality of Publications (QP)
- IPR and Patents: Filed, Published, Granted and Licensed (IPR)
- Footprint of Projects and Professional Practice And Executive Development Programs (FPPP):

Graduation Outcomes

- Combined % for Placement, Higher Studies, and Entrepreneurship (GPHE)
- Metric for University Examinations: GUE

- Median Salary
- Metric for Graduating Students Admitted Into Top Universities (GTOP)
- Metric for Number of Ph.D. Students Graduated GPHD

Outreach and Inclusivity

- Percent Students from other states/countries (Region Diversity RD)
- Percentage of Women (WF) + (WS) + (WA)
- Economically and Socially Challenged Students (ESCS)
- Facilities for Physically Challenged Students (PCS)

Perception

- Peer Perception: Employers and Research Investors (PREMP)
- Peer Perception: Academics (PRACD)
- Public Perception (PRPUB)
- Competitiveness (PRCMP)

Ranking educational institutions is useful, but the HRD Ministry's effort needs fine-tuning

The “who's who” of universities and research institutions published by the Human Resource Development Ministry, as the National Institutional Ranking Framework, 2018, should be viewed mainly as a proposition that data make it possible to assign objective credentials to some aspects of education. Its assessment of some of the top institutions such as the Indian Institute of Science, the Jawaharlal Nehru University, the IITs and the IIMs is unsurprising, given their record of research, peer-reviewed

publications and outcomes for graduates. Even among the 3,954 institutions that participated, there is a clear skew towards southern, southeastern and western India. Participation levels are inadequate: there were 40,026 colleges and 11,669 standalone institutions according to the HRD Ministry's All India Survey on Higher Education for 2016-17. To the faculty and students in many colleges, what matters is the vision of the administrative leaders and a commitment to excellence. The governing bodies should make available adequate financial and academic resources to colleges, particularly the younger ones, to help them improve performance. These are measured by the NIRF in terms of the percentage of faculty with doctoral degrees, papers published in credentialed journals, inclusivity and diversity of students, and median salaries for the graduates.

Ranking educational and research institutes has practical uses, such as helping students make study choices, sponsors to identify research projects, and other universities to form partnerships. Yet, for the process to evolve and be relevant, it should be able to enroll all recognised educational institutions, not just the public ones. In the absence of such participation, older institutions with historical advantages could enjoy a higher ranking, obscuring newer entrants who may have stronger claims to excellence. Also, the ranking approach worldwide is critiqued for failing to capture the crucial metric of learning outcomes, relying instead on proxy data on faculty strength and qualifications. In the case of the NIRF, which is now in its third year, the final responsibility for accuracy of data lies with the participating institution, except for aspects like research publications

that are independently verifiable. What is positive about the system is its emphasis on achieving measurable goals and bringing in transparency. The 2018 exercise added the disciplines of law, medicine and architecture and it hopes to cast the net wider in the future. Beyond competitive ranking, however, the higher order goal is to foster learning and scholarship. This can be achieved solely by encouraging faculty to exercise complete academic freedom, without the pressure of perception management. The NIRF ranks will measure the measurable, but there will be some dimensions it may not be able to fully capture.

Source: <https://www.nirfindia.org/Home>

Compiled by

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GAP-KNOW US MORE

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36. Mr. Mohammad Zakir Hussain
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Institutional Member: M.P.SHAH COMMERCE COLLEGE

This college is managed by the Surendranagar Education Society since June 1963 with the help of Shri Meghji Pethraj Shah's valuable donation. Founder stone was laid by jewel of Surendranagar district Mr. C. U. Shah in May 1964. College started imparting knowledge as Commerce and Law College both undergraduate as well as post graduate level. It has played vital role in providing computer science courses in the Saurashtra University since 1986-87. We welcome college as our most valuable institutional member.

Note: GAP NGO Life Membership fees will be increased from January 2019.....from Rs.10000/- to Rs. 15000/-.

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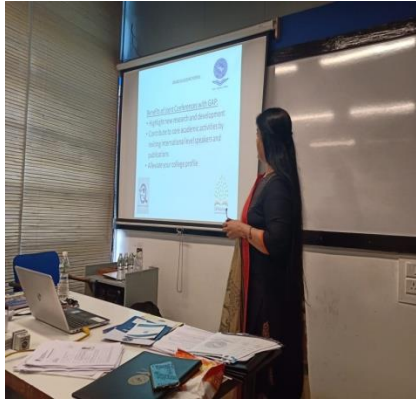
Fahmeeda F. Shaikh
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GAP-UMBRELLA

FIRST SPECIAL GENERAL OF GRAND ACADEMIC PORTAL - NGO

GAP has organised a Special General Meeting for newly joined GAP NGO Life members on 28th October- Sunday, at AMA - Ahmedabad Management Association. It was followed by an orientation about GAP activities.

Around 35 persons have given their esteemed presence in the same. Meeting was started with warm welcome by Pioneer Member Dr. Gurudutta P. Jappee which is then followed by an orientation given by Pioneer Member Dr. Preeti Oza. Orientation was lasted for almost two hours. Various portfolios were assigned to different members for upcoming initiatives under GAP-NGO. All have presented their acknowledgements and thanks giving gestures for joining them in the said unique NGO. All have enjoyed delicious lunch with informal talks and chats after completing proceedings of meeting.





GAP-CONFERENCES



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9TH FEBRUARY 2019

At
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EDU-PUZZLE

SUDOKU

Fill a 9x9 grid with numbers so that each row , column and 3x3 section contain all of the digits between 1 and 9.As a logic puzzle Sudoku is also a brilliant brain game. If you play it daily, you will soon see an enhancement in your attention and overall brain power.

	4			1				
9		8	2				1	
		5	6		4	9		2
						8	7	6
	3	2	8	7				
							2	
8		4	9		1	7		3
		7	4				5	
	9		7					

Answer:

2	4	3	5	1	9	6	8	7
9	6	8	2	3	7	5	1	4
1	7	5	6	8	4	9	3	2
4	5	1	3	9	2	8	7	6
6	3	2	8	7	5	4	9	1
7	8	9	1	4	6	3	2	5
8	2	4	9	5	1	7	6	3
3	1	7	4	6	8	2	5	9
5	9	6	7	2	3	1	4	8

MCQ's – Paper – I UGC NTA NET

1).Teacher uses visual aids to make learning

- (a) Simple (b) More knowledgeable
(c) Quicker (d) Interesting

2).Micro teaching is most effective for the student teacher

- (a) during the practice teaching (b) after the practice teaching
(c) before the practice teaching (d) none of the above.

3).To test null hypothesis, a researcher uses

- (a) t-test (b) ANOVA

- (c) Chi test (d) factorial analysis
- 4). Bibliography given in a research report
- (a) shows vast knowledge of the researcher
 - (b) help those interested in further research
 - (c) has no relevance to research
 - (d) all of the above
- 5). The study in which the investigators attempt to trace an effect is known as
- (a) Survey research (b) Ex-post Facto Research
 - (c) Historical Research (d) Summative Research
- 6). Press council of India is located at
- (a) Chennai (b) kolkata
 - (c) Mumbai (d) Delhi
- 7). Which is the number that comes next in the sequence?
9, 8, 8, 8, 7, 8, 6,
- (a) 5 (b) 6 (c) 8 (d) 4
- 8). January 12, 1980 was Saturday, what day January 12, 1979?
- (a) Saturday (b) Friday

(c) Sunday

(d) Thursday

9). 'A' is the father of 'C' & 'D' is the son of 'B'. 'E' is the brother of 'A'. If 'C' is the sister of 'D', how is 'B' related to 'E'?

(a) Daughter

(b) Husband

(c) Sister in Law

(d)

Brother in Law

10). "Dpi" stands for

(a) Dots per inch

(b) Digits per unit

(c) Dots pixel inch

(d) Diagrams per inch.

Answers:

(1). d (2).a (3).b (4).b (5).b 6).d (7).c (8). b (9).c

(10).a

➤ JARGON/BUZZWORD

Here are 10 jargons and buzzwords which are pithy words or phrases, adopted by people who want to appear advanced or cool, whether they understand it or not, to convey one's intelligence often do just the opposite and this make them look like duffers. They are vague in meaning so not everyone understands what you are talking about, and it tends to be exaggerated and pompous. The less we use them the better it would be for us, our colleagues and clients. Better avoid them.

1. Chief cook and bottle washer.
2. Tipping point.
3. Sweat equity.
4. Off Shoring.
5. The helicopter view.
6. End user perspective.
7. Brain dump.
8. Balls in the air.
9. Magic bullet.
10. Kept in the loop.

➤ Training Game

Name: Human Knot

Duration: 15-30 Minutes.

No of Participants: 8-20 people

Objective: This game is for team building relies heavily on good communication and teamwork. It also results in a lot of great stories for the water cooler chat in the workplace

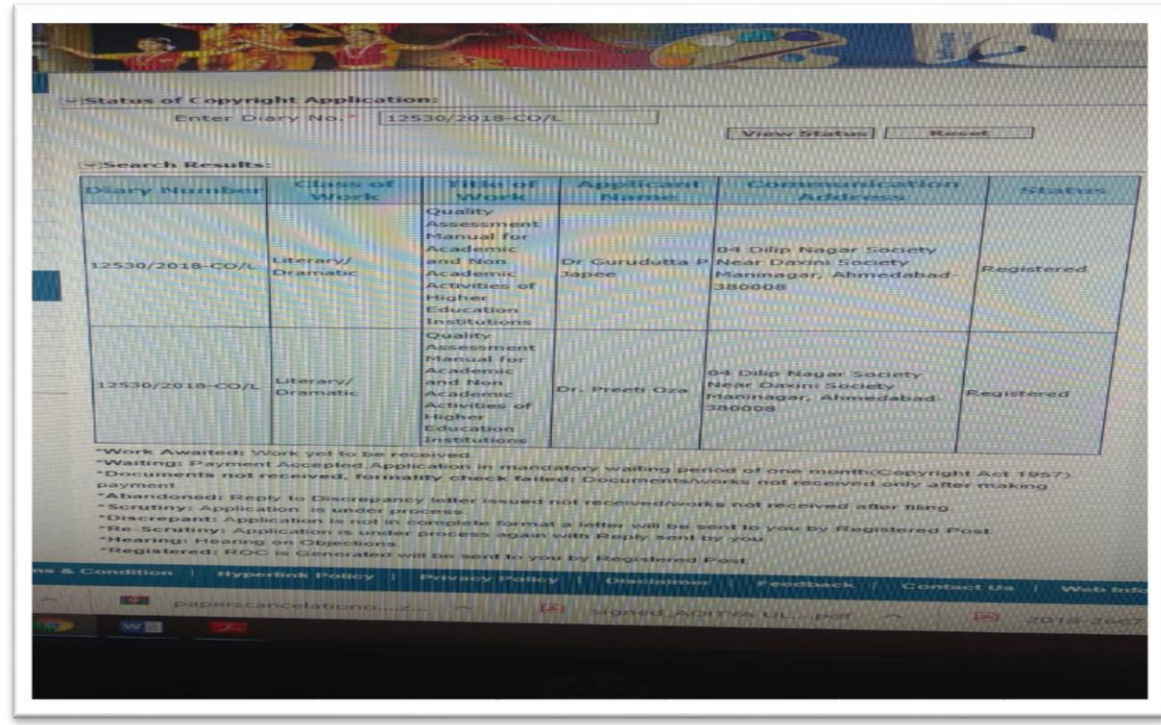
Timing of Activity: Any time during the workshop.

Tool Needed: None

Activity:

Have every one stand in a circle facing each other shoulder to shoulder. Instruct everyone to put their right hand out and grab a random hand of someone across from them. Then tell them to put their left hand out and grab another random hand from a different person across the circle. Within a set time limit, the group needs to untangle the knot of arms without releasing their hands. If the group is too large, make multiple smaller circles and have separate groups compete.

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 *In Scrutiny: Application is under process again with Reply sent by you.
 *Hearing: Hearing on Objections.
 *Registered: ROC is Generated will be sent to you by Registered Post.

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Dr. Gurudutta P. Japee and Dr.Preeti Oza has achieved the IPR registration on the title “QUALITY ASSESSMENT MANUAL FOR ACADEMIC AND NON ACADEMIC ACTIVITIES OF HIGHER EDUCATION INSTITUTIONS” which is also the final document of GAAC under copyright office, Ministry of Commerce, Government of India. GAP is highly delighted to hear of the honour bestowed on them and is extremely proud of them for accomplishing this achievement with hard work, dedication and enthusiasm. We congratulate them for the recognition, marvellous achievement and well merited honour and wish them many years of great achievements and success in Life. Their prodigious exertions can hardly escape the notice of serious academics in our citadel of higher learning.

Their dedication, enthusiasm and insight are really inspiring. They have become an example that others can follow.

Dr. Sagar R. Dave has passed Gujarat Public Service Commission Class – I examination for the post of Principal in Government Commerce College, Gujarat.

GAP is extremely proud of him and congratulates him for accomplishing this achievement with hard work, dedication and enthusiasm and wishes him all the best for future.

Dr. Mala Sharma has passed Gujarat Public Service Commission Class –I examination for the post of Principal in Government Arts College, Gujarat.

GAP is extremely proud of her and congratulates her for accomplishing this achievement with hard work, dedication and enthusiasm and wishes her all the best for future.

Dr. Parth Rashmikant Bhatt has passed Gujarat Public Service Commission Class –II examination for the post of Assistant Professor, Government Commerce College, Gujarat.

GAP is extremely proud of him and congratulates him for accomplishing this achievement with hard work, dedication and enthusiasm and wishes him all the best for future.

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