Two Day Conference of Directors of National Institutes of Technology to begin tomorrow

Report by India Education bureau, New Delhi: President Pranab Mukherjee will host a two day Conference of Directors of National Institutes of Technology (NITs) at Rashtrapati Bhavan beginning tomorrow.

The President of India is visitor to every Institute under the NITSER Act 2007. This is for the first time that a Conference of Directors of National Institutes of Technology (NITs) is being convened by the President. 30 Directors of NITs will participate in the Conference. There are approximately 72,000 students pursuing various courses in 30 NITs.

The President, Prime Minister and Minister of Human Resource Development will address the Conference on the first day. There will also be presentations by Chairman of National Innovation Council, by Prof. S.V. Raghavan, Chairman of Technical Advisory Committee, by National Knowledge Network, by Secretary, MHRD, by Chairman of NIT Review Committee, by National Skill Development Agency and by National Innovation Foundation.

The agenda of the Conference includes steps required to improve the quality of technical education and faculty development in NITs to bring it at par with the top technical institutions of the world, steps needed to create inter-linkages of NITs with the industry, steps required to use National Knowledge Network effectively in the NITs and suggestions to improve the Visitor-NIT interface within the existing statutory framework of each NIT.

Deccan Herald

Seemandhra sops help govt to woo Pallam Raju

NEW DELHI: Nov 6, 2013 DHNS

After a month-long absence, a sulking Human Resource Development (HRD) Minister M M Pallam Raju on Wednesday appeared at an official event here, with the government planning to announce setting up of an IIT, an IIM and a central varsity in Seemandhra as sops to assuage sentiments against the creation of the separate state of Telangana.

“I am going through a very different way of working myself. In reality, I have quit being a minister. I have submitted my resignation to the Prime Minister (Manmohan Singh), which he has not accepted yet. It's been over a month. So, I have found a new way of working. I work out of home now, have flexible timings,” he said at an Indian Institute of Technology (IIT) workshop.

He was accompanied by senior officials of the HRD ministry, including Higher Education Secretary Ashok Thakur.

He said though he had left the policy issues to ministry’s secretary, he was taking care of important files. “I address the seminars I feel are productive for me. So I have that luxury of having resigned and not yet out of the job,” he maintained.

Although the minister attended the event, he did not go to his office. Sources said he may also attend a conference of the directors of the National Institutes of Technology (NITs), to be chaired by President Pranab Mukherjee, on Thursday.
Raju, an MP from the Kakinada constituency in Andhra Pradesh, has been keeping himself away from his office and all official meetings, as well as programmes of the ministry, ever since he tendered his resignation in protest against the Union Cabinet’s decision last month to bifurcate Andhra Pradesh.

On Tuesday, the HRD ministry endorsed a proposal for setting up of an IIT, IIM and three central universities among other higher-education institutes for Seemandhra at an estimated cost of Rs6,000-7,000 crore.

**Pallam Raju and Tharoor to address FICCI Education Summit**

New Delhi, Wed, 06 Nov 2013 NI Wire

Education Summit 2013 is being organised on November 13-14 in New Delhi. Planning Commission and the Ministry of Human Resource Development are supporting this international convention of higher education.

Keeping in view the enhanced role of international, national, regional and local networks on research, curriculum and skills etc., the conference is enabling universities and higher education institutions to remain relevant and attain excellence. The Theme of the summit this year is ‘Building Networks for Transforming Indian Higher Education- Enabling to Deliver Value’.

Pallam Raju, Union Minister of HRD and Shashi Tharoor, Minister of State, HRD are slated to address the inaugural session of the conference on November 13th. Jay Panda, Member, Lok Sabha and Shri Oscar Fernandez, Union Minister for Transport, Road and Highways are also joining to address the sessions.

Among the dignitaries from overseas, Dr Mamdouh Shoukri, President and Vice-Chancellor, York University, Prof Glyn Davis, Vice Chancellor, University of Melbourne and Dr Mary Sue Coleman, President, University of Michigan, USA shall be attending the Summit.

This year, Australia India Institute (AII) and Shastri Indo Canadian Institute (SICI) are partner organisations and large contingent of delegates from Australia and Canada are expected to participate in the Summit.

FICCI President, Ms Naina Lal Kidwai, FICCI Higher Education Chair, Mr Mohandas Pai and Co-chairs, Dr. Rajan Saxena and Avinash Vashishta would be leading the discussions at the Summit along with leaders from the sectors and seniors officials from the government.
IIT-BHU aim to make superconductors commercially viable

SURBHI KHYATI Posted online: Thu Nov 07 2013, 04:00 hrs

Lucknow: IIT-BHU has joined hands with Power Grid Corporation of India Limited to carry out research work that will make superconductors - an emerging technology which can be used for more effective power transmission - commercially viable.

The three-year Memorandum of Understanding between IIT-BHU and PGCIL was signed last week, said the varsity’s Press, Publication and Publicity Cell chairman, Ravi Pratap Singh.

"It is the only one of its kind agreement as hardly any work has been done in this field in the country so far," Singh told The Indian Express.

The aim behind the collaboration, explained Prof R K Mishra of the varsity's Department of Electrical Engineering, is to explore the technology of high temperature superconductors for transmission as well as bulk storage of electricity in the country.

While any other cable transmitting electricity offers resistance leading to certain power loss, superconductors are known to offer zero resistance while conducting electricity, Mishra explained. However, superconductors are maintained at such low temperature of around zero Kelvin. Even the "high temperature superconductor" needs temperature below zero degree Celsius to work. Thus, maintenance of such low temperature makes superconductor commercially non-viable for energy transmission.

"Our aim is to research and develop superconductor technology as commercially viable," he said.

The high temperature superconductor, if successfully harnessed for commercial purpose, will not only reduce wastage of power while transmission, it will also open up the possibility of bulk storage of power. "It will prove to be a major shift in technology if we can find ways of using it for commercial purpose," said Mishra.

Apart from superconductors, the MoU also aims at application-based research in other new emerging technology and advance material such as nano particles and high-temperature diamond material for performance improvement of electric equipment and systems, said Mishra.
Solarsis turns IIT Madras rooftop solar and cool

06 Nov 2013, CIOL Bureau, CIOL

Such an initiative helps save productive land and turns a workspace into a generating station, producing clean renewable energy.

HYDERABAD, INDIA: In one of its kind research and utility initiative by Hyderabad based Solarsis has installed a unique rooftop Solar PV System on the rooftop of the IIT Madras.

The solar PV system is a smartly designed project with various technologies in modules and inverters. The solar plant is installed on top of the 50 years old Electrical Sciences Block at IIT-Madras which aims to build 1MW solar on top their existing buildings.

Venkat Rajaraman, CEO, Solarsis said the structures is unique as they are non-penetrating type, elevated with a minimum clearance of 8 feet above the roof, designed to withstand high wind zone of the Chennai coastal region.

The plant also brings high degree of reliability and protection to enable to smooth interaction with the grid.

"IIT always being an early advocate of promising technologies like solar and we are doing our best to contribute to some key challenges in solar adaptability through a smart grid controller," says Dr. Ashok Jhunjhunwala, professor in the Electrical Engineering Department. "We plan to test Smart Controller for solar, which is currently being designed by IITM, with the rooftop solar plant. The elevated structures ensure that we continue to use the roof as before for our regular use."

The IIT Madras Solarsis rooftop solar plant is a mix of Mono-crystalline, Poly-crystalline, High efficiency Poly-crystalline (with >19 percent module efficiency) and CIGS thin-film modules in which both string and central inverters of various capacities are used. The 90KW solar plant will generate 1.5 lakh units per annum and helps offset 90 tons of carbon dioxide.
Students, faculty at IIT-Madras seek solution to stop suicides

CHENNAI: "Sir, since I joined in 2009, every year there has been a suicide. As a student I have the right to know about IIT-M’s actions to prevent such unfortunate incidents. And even after the introduction of MITR (a guidance and counselling system), the story is same," reads a mail sent by a student of IIT-Madras after institute dean (students) L S Ganesh posted a condolence message following the suicide of a first year student on Friday.

The suicide of 18-year-old Akshay Kumar Meena, a student of chemical engineering student, is the eighth at IIT-M in the last four years.

The dean dismissed fears of any inadequacy in the suicide preventive measures taken by the administration, but a large number of students and faculty remain agitated with the response.

Besides academic stress, say some faculty members, the increasing population on the campus, from 3,000 in 1980 to 8,000 this year, and a mix of students from different social strata should be seen as trends leading to new challenges.

IIT-M director Bhaskar Ramamurthi said they had implemented recommendations of M Anandakrishnan Report on increasing suicides in centrally-funded institutions. "Professional counsellors are available 24 hours a day on the campus and the identity of those seeking help is protected. We also have a mentoring system run by senior students in which a volunteer helps at least seven students individually," he said.

Many students and professors find these measures quite ineffective. "Instead of finding the root cause and building a collective support system of students and teachers, the measures implemented here are to silence or control students. Seniors working as mentors for MITR mostly spy on students who smoke or are in relationships," said a fourth year dual degree science student.

A senior faculty member said suicides were no more a shock. "Despite an effective public announcement network, it took three days for the management to inform us about the suicide," he said. The existing mechanism to prevent suicides is formal and does not reach students.
Model degree colleges to come up in 56 districts

TIMES NEWS NETWORK

New Delhi: In the first meeting of the Project Approval Board (PAB) for the Rashtriya Uchchatar Shiksha Abhiyan — the ambitious higher education programme to re-invigorate state universities — 56 new model degree colleges were approved in as many districts with a total outlay of Rs 672 crore.

Uttar Pradesh has got 29 model colleges, followed by eight each in Karnataka and Odisha, Andhra Pradesh (7) and Kerala (4). The meeting also sanctioned second instalment of funds for 31 existing model degree colleges spread across Assam, Karnataka, Maharashtra and Punjab.

Ministry officials said, "We have got enthusiastic response from states. Already, 15 states and four union territories have responded to the ministry." The meeting considered the proposals of states and UTs and approved 12 states and four UTs eligible for support under RUSA. Gujarat’s proposal came late so the PAB agreed to give the state preparatory fund. J&K submitted the proposal but since it did not give any undertaking, PAB did not consider their request. Tamil Nadu also failed to give undertaking.

Proposals of Andaman & Nicobar, Arunachal Pradesh, Assam, Bihar, Chandigarh, Dadra & Nagar Haveli, Daman & Diu, Himachal Pradesh, Karnataka, Kerala, Maharashtra, Manipur, Nagaland, Odisha, Punjab & UP were approved.

For the full report, log on to www.timesofindia.com

Zomato raises $37 million

Bangalore: Online restaurant search service Zomato has raised $37 million (Rs 225 crore) in fresh funding from Sequoia Capital and existing investor Info Edge, taking the total fund-raise to $53.5 million. Previously it had raised $18.5 million from Info Edge in four rounds of funding.

Zomato was started by two IIT Delhi alumni in July 2008 for Delhi NCR. Today, it has expanded its services to 35 cities across India, UK, UAE, South Africa, New Zealand, the Philippines, Brazil, Turkey, Indonesia, Sri Lanka and Qatar. The company’s core features include menus, photos and geocoded coordinates for restaurants.

“We believe that we can disrupt restaurant search with our rich content-driven model. This financing will help us develop a product that will change the way people look for restaurant recommendations around them,” said Deepinder Goyal, founder and CEO of the company. Zomato gets over 15 million visitors across its web and mobile platforms every month.

Mohit Bhatnagar, MD of Sequoia Capital India Advisors, said Zomato is the first Indian consumer internet company to build a significant international footprint. “We have made this investment because of our strong conviction in the founders, the world-class product they’ve built, and their ambitious global vision,” he said.

Zomato updates menu cards every three months and provides updated scanned menu cards for over 160,000 restaurants across the 11 countries.
Defence Minister asks DRDO to focus on high end research

Special Correspondent

Facing bitter criticism from Parliamentarians for long delays in the development of Main Battle Tank (MBT), Light Combat Aircraft (LCA) and the Kaveri engine, the Defence Research & Development Organisation was on Wednesday asked by the Defence Minister A. K. Antony to complete its programmes within the prescribed time-limit.

Speaking at a meeting of the Parliamentary Consultative Committee, attached to his ministry, Mr. Antony said the DRDO should invest mainly in "critical and strategic" areas. He said the research organisation should concentrate on high-end research and utilize resources in fundamental research, lay more emphasis on major mission-mode programmes for armed force. He asked the DRDO to pool together resources and talent available in academic and other R&D institutions.

Cutting across party lines, the MPs were "bitterly critical of delays in the development of Arjun, LCA and the Kaveri engine," a release of the Defence Ministry said.

The DRDO is presently working on 532 projects including those relating to mission-mode, technology demonstrator and infrastructure facilities and they are in various stages of implementation. "While some projects have been completed, others are in different stages of production and induction, as well as in stages of development and trial," the release said.

Mr. Antony also complimented DRDO for developing latest technology as well as strategic and tactical defence systems. He lauded it for the recent successful launch of Agni V missile. Speaking at the meeting, DRDO chief and Scientific Advisor to Defence Minister, Avinash Chander said structural changes have been brought about from September this year in the functioning of DRDO in line with the recommendations of the Rama Rao Committee Report for greater efficiency and accountability.

Keywords: Defence Minister A.K. Antony, DRDO, high end research, Main Battle Tank

© The Hindu

---

India-born Satya Nadella in Microsoft CEO race

Yashwant Raj

WASHINGTON:
India-born Satya Nadella is on the shortlist of candidates being considered to replace Microsoft CEO Steve Ballmer; who is slated to retire in the next few months.

Nadella: serious

Nadella is with Microsoft, heading its cloud computing division, and is one of the two internal candidates on the search committee's shortlist. The other is Tony Bates, formerly the CEO of Skype, which the software giant acquired in May 2011.

Nadella and Bates are up against five external candidates, including Ford CEO Alan Mulally and former Nokia chief Stephen Elop, according sources who spoke to Reuters. The remaining three external candidates were not named.

A CEO search committee had started out with 40 names, which was pruned to 10 in October, according to the Wall Street Journal. And now seven. Nadella has been on the list from the start.

He has refused to comment on his chances. But reports said he has had meetings with Microsoft board member, indicating he remains a serious contender.

Nadella, 44, was born in Hyderabad, and studied electrical engineering at Manipal Institute of Technology. He went on to study computer science and business administration in the US.

He joined Microsoft in 1992, where he started in the Windows Developer Relations group.

He was also a key member of several advanced technology incubation efforts inside Microsoft, including interactive television and digital rights management.
Scientists Find Black Hole in a Star Cluster

WASHINGTON: In an unexpected discovery, scientists have spotted a black hole in a collection of stars in the constellation Ophiuchus, about 22,000 light years from Earth. Last year when astronomers led by a Michigan State University professor discovered two black holes in a collection of stars known as a globular cluster, the team wasn’t sure if the black holes’ presence was a common occurrence or a unique stroke of luck. Researchers have now found evidence of yet another black hole in a globular cluster known as M62. “This implies that the discovery of the other black hole, in the globular cluster called M22, was not just a fluke,” said Laura Chomiuk, team member and MSU assistant professor of physics and astronomy. “Black holes really may be common in globular clusters,” said Chomiuk. Black holes are stars that have died, collapsed into themselves and now have such a strong gravitational field that not even light can escape from them. Until recently, astronomers had assumed that the black holes did not occur in globular clusters, which are some of the oldest and densest collections of stars in the universe.

PTI
An engineer who tuned into bureaucracy

Nabeesul Ataula & Anil Kumar M, TNN  Nov 4, 2013, 12:56AM IST

Tags: Kaushik Mukherjee | harmonica | chief secretary of karnataka

Bangalore: If he hadn't been made the new chief secretary of Karnataka, Kaushik Mukherjee would have been in Germany from October 28, playing harmonica at an international event. Mukherjee was part of a musical troupe called Choir 88, but pulled out when they turned professionals. As why and what comes the reply: "How can you expect a bureaucrat to be seen playing with a troupe in hotels?"

The man with a penchant for music feels the evergreen song from Rajesh Khanna's 1971 starrer Anand, "Zindagi kaisi hai phool khile hase, kabhi to hansaye kabhi ye rulaaye…" has been the signature tune of his life. “Life is so temporary, the small innings one plays is what matters,” he says.

An electrical engineering from IIT Delhi, Mukherjee completed his MTech from New York. As big job offers started pouring in, he drew inspiration from another stanza of the same song -- "Kabhi dekho man nahi jaage, peeche peeche sapnon ke bhaage..." He wanted to change jobs, but under one employer. Thus from New York, he filled up a form to appear for IAS as the employer is the government, but nature of work changes.

He cleared the exam in the first attempt, securing 35th rank and opted for Karnataka cadre.

Born in Kolkata, Mukherjee was brought up in New Delhi as his father was a chief engineer with Doordarshan. A good galli cricketer, he'd win matches for his team, especially with with googlies and leg-spin. "At IIT, they were strict about attendance. I would get chits from friends asking me to play for their teams. Thus I would bunk classes for cricket, and to watch movies," he reminisces fondly.

The senior civil servant says his initial postings in Karnataka helped him gain an insight into rural life. At that time, his priority was to learn Kannada, a language he's now fluent to the extent of watching and appreciating works of iconic star Rajkumar. As Mandya deputy commissioner, Mukherjee organized Rajkumar mite.

"Besides acting, Rajkumar was a great singer. It still surprises me how he could sing without formal training. I loved his movie Hulihaulina Mavn," he says.

THE FAMILY MAN

Stacks of office files and back-to-back meetings apart, Mukherjee is a total family man. Four years into his IAS career, he got married to Oli (bumblebee in Bengali), from Bihar. "It was from a matrimonial alliance in the newspaper. After the wedding, I went back to college to complete my Masters in English," says Oli. A happy homemaker, every item in their house in HSR Layout has been hand-picked by her. "Kaushik is just a guest in this house," she says on a lighter note. "Every second Sunday, we are at the PVR to watch a movie. Then with a jholay in
tow, we head to buy veggies at the local santhe,” adds Mukherjee.

So does the new responsibility mean longer hours in office? "There’s a beautiful world outside busy office jobs, and family is one such world," says Mukherjee. Oli is quick to add that she’s never seen her husband come home carrying a file.

Though fond of Bengali delicacies, Mukherjee says he makes use of his visits abroad for varied "gastronomical experiences." In Bangalore, Oli often has her friends calling up to say her husband was spotted having high-calorie sweets at KC Das, Church Street. However, he walks 10km every day to cut the flab. The couple’s sons, Kushal and Kunal, and daughters-in-law are all doctorates. While Kushal is settled in Cork, Ireland, Kunal lives in Boston. "I never forced my children to focus in the area I wanted. They chose technology as they wanted to contribute to that sector," says Mukherjee. However, the man himself isn’t comfortable with online tools like Facebook and Twitter as he feels it takes away an individual’s privacy.
टॉपर्स नहीं, एवरेज स्ट्रूडेंट्स हैं पसंद

डीयू में इस बार 55-60 परसेंट स्कोर को कंपनियों का गोल्डन चांस

भूः पूः, नई दिल्ली

दिल्ली युनिवर्सिटी में केवल प्लेसमेंट का सीजन खुल गया है और यह बार नया ट्रेंड भी शर्मना को मिल रहा है। पहले कंपनियों की फहली चांड टॉपर्स रूडेंट्स होते थे और फिर उन्हें ही कई शीर्ष 20 फॉर्म स्चित। अब कंपनियों की सोच में बदला हुआ रहा है। युनिभर्सिटी के सेंट्रल प्लेसमेंट सेल (सीपीसी) में परिवर्तन कराने वाले कई कंपनियों का वांछन किया जा रहा हैं। 55 से 60 परसेंट तक स्कोर करने वाले स्टूडेंट्स को भी इस बार केवल प्लेसमेंट का गोल्डन चांस मिल सकता है। सोचनी अवधारणाओं का भी माना है कि इस बार खुद कंपनियों ने ही एवरेज स्टूडेंट्स को प्रोफेशनल परिवर्तन करने की जाति की है। युनिभर्सिटी भी कंपनियों के बदलते रूप से संस्कृतिय बुद्धि है।

डीयू डीन रूडेंट्स सेल्फर डॉ. गुरुप्रोत मारवादी कहते हैं कि कई कंपनियों इस बार शर्त रख रहे हैं कि उन्हें एवरेज प्लेसमेंट वाले स्टूडेंट्स का जवाब दिया जाए। ऐसे स्टूडेंट्स को कंपनियों ने जोड़कर में और ट्रेनिंग के बाद उन्हें कंपनियों में काम करने का मौका मिला। डॉ. मारवादी का कहना है कि कंपनियों की सोच है कि प्लेसमेंट का स्लेक्शन करने के बाद उन्हें कुछ महीने को ट्रेनिंग दी जाए, ताकि कुछ समय बाद उन्हें जीवन जीने का भी होगा। कंपनियों को यह भी मिल पाएगा कि तुझे पढ़ता है और तुझे को ट्रेनिंग का मामला नहीं मिल पाएगा।

कोई भी कम नहीं

■ प्लेसमेंट का नया सीजन हो रहा है शुष्क, इस बार टॉपर्स को नवाजी नहीं
■ टॉपर्स जल्दी बदलते हैं जैसे, इस बजह से एंसी हिंद से हापर करना पड़ा है
■ इस बार कंपनियों ने एवरेज स्टूडेंट्स को प्रोफेशनल करने का युवता कराया

डीयू डीन स्टूडेंट्स सेल्फर डॉ. गुरुप्रोत मारवादी कहते हैं कि उन्हें एवरेज स्टूडेंट्स को कंपनियों ने जोड़कर में और ट्रेनिंग के बाद उन्हें कंपनियों में काम करने का मौका मिला। डॉ. मारवादी का कहना है कि कंपनियों की सोच है कि प्लेसमेंट का स्लेक्शन करने के बाद उन्हें कुछ महीने को ट्रेनिंग दी जाए, ताकि कुछ समय बाद उन्हें जीवन जीने का भी होगा। कंपनियों को यह भी मिल पाएगा कि तुझे पढ़ता है और तुझे को ट्रेनिंग का मामला नहीं मिल पाएगा।

आईएसटी के अलावा प्राइवेट सेक्टर को भी ऐसे कंपनियों हैं, जो 60 परसेंट तक स्कोर करने वाले स्टूडेंट्स को प्लेसमेंट में प्राथमिकता देने का बात कर रही है। डीयू डीन स्टूडेंट्स सेल्फर डॉ. गुरुप्रोत मारवादी कहते हैं कि कंपनियों की सोच में बदलाव आ रहा है। वे चाहते हैं कि कंपनियों ने स्टूडेंट्स को बेहतर तरीके से पढ़ाना हो। कंपनियों को यह भी मिल पाएगा कि जिन स्टूडेंट्स को वे ट्रेनिंग दें, वे ज्यादा से ज्यादा समय तक काम करें। इस बार ऐसी कंपनियों भी हैं, जो चाहते हैं कि स्टूडेंट्स जल्द से जल्द जाइए। कंपनियों की सोच है कि प्लेसमेंट प्राप्त वाले स्टूडेंट्स ज्यादा समय तक एक कंपनी में काम कर सकते हैं। यथानुसार यह बार स्टूडेंट्स अपने स्टूडेंट्स के लिए भी शुरू करेंगे, जब इन्हें पहले के सुविधाहीन केसिप प्लेसमेंट के ज्यादा बेहतर चांस मिलेंगे।

डीयू का ऑनलाइन जॉब पोर्टल

http://www

■ विश्व, नई दिल्ली

हिंदी युनिभर्सिटी ने अगल-अगल हिस्टोरमेंट और सेंटरों के लिए डीयूंग पोर्ट जारी कर दी है। डीयू ने इस बार आधुनिक जॉब पोर्टल का प्रस्ताव भेजा। इसके लिए डीयू ने इन जॉब पोर्टल के लिए अपने पर जा सकते हैं। युनिभर्सिटी के मुख्याधिकारी डिपार्टमेंट में असिस्टेंट प्रोफेसर को 360, असिस्टेंट प्रोफेसर को 206 और प्रोफेसर की 99 पेस्ट हैं।

डीयू डीन स्टूडेंट्स सेल्फर डॉ. गुरुप्रोत मारवादी कहते हैं कि इस प्रकार का जॉब पोर्टल के लिए योग्य है। डीयू ने इतने पर जा सकते हैं।
हम मंगल पर क्या खोजने निकलें हैं
सबसे बड़कर इस वैज्ञानिक-दार्शनिक सवाल का जवाब कि क्या हम ब्रह्मांड में अकेले हैं

बलदेव जान दास

5 नवम्बर को इसी तरह नए एक देशी अंतरिक्षयात्री मंगल के और रवाना किया था। आशा है कि 300 दिनों के लंबे सफर के बाद वो अपने प्रायोजक को वापस नहीं ले जाएगा। प्रमोक्त मंगल के आसपास में एक जबर्दस्त भारतीय यात्रा के लिए यह सफर नए अंतरिक्षयात्री को उत्साहित करेगा। यह मंगल के आसपास में एक जबर्दस्त भारतीय यात्रा के लिए यह सफर नए अंतरिक्षयात्री को उत्साहित करेगा।

क्या हमारे रूप से मंगल के किसी अन्य यात्री पर या अन्य किसी तारे के ग्रह पर हमारे जीवनशील विकसित हुए?

राज के छह नाई के दो सेवा-वालों और बुद्धदेशी - मंगल को घडती पर जन्म दिए कर वो यह रूप अपने पार की वीज्यमोर समय के वेश्यमोर जिन्होंने अन्य रूपों को घटाया रह सकते है। एक सफर है - जब इसमें शिविरेर धर्म दस्तावेज के रूप में पत्र के निर्देश नक्सा हो जाएगा। दोहराए, दोहराए - जब इसमें शिविरेर धर्म दस्तावेज के रूप में पत्र के निर्देश नक्सा हो जाएगा। दोहराए, दोहराए - जब इसमें शिविरेर धर्म दस्तावेज के रूप में पत्र के निर्देश नक्सा हो जाएगा।

अरब-खरब पुरुषों

हमारे सुजन जैसे खरबों को हमारी अभावस्था में सीमा है और अभावस्था जैसे समयों

जबल का भहिरा नहीं, मंगल की घटिया है

जबल का भहिरा नहीं, मंगल की घटिया है

इसलिए कई विज्ञानी का मत है कि अनुकूल परिस्थितियों में हमारे सुजन में कई जीवों जो कई भी जीव वो उस्मानी हो सकते हैं, और एक वाले जीव देखने के लिए अन्य रूपों को देखने की इजाफे इसमें वहा जा सकता है। यह अन्तरिक्षयात्री वाले लोगों हैं और अन्य किसी भी इकाइयों हो सकते है। उन्हें खेलना और विशेष विख्यात भविष्य की अभावस्था भी आबादीही है। इसलिए इस वैज्ञानिक का मत है कि हमारे सुजन में हम अभावस्था की है और जीवन घाटिया है जिसका फल दोहराए, दोहराए - जब इसमें शिविरेर धर्म दस्तावेज के रूप में पत्र के निर्देश नक्सा हो जाएगा।