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Ongole youth develops Nano Missile

Ongole: Dacharla Panduranga Rohith, a student of SRM University in Chennai, was recognised by World Records of India, for developing a nano missile. He wanted to hand over the missile to DRDO for the use of Indian Army and local police in fighting terrorism after developing it for launch through a robot.

Highlights:

- *The basic prototype of the missile is tested in the presence of Assistant Commissioner of Police Ramapuram in Chennai and the video is submitted to World Records of India for recognition in July 2017*
- *The Bureau of the World Records of India accepted the entry and recognised the prototype as the smallest working missile.*
- *Sharing his happiness, Rohith said, "I know that a lot of research, tools and hard work is required to make the perfect nano missile, that I am dreaming of. But I am sure that I can make it and now forming a team with the likeminded people and looking for sponsors. When the project is completed, I will handover it to the DRDO for tests and inclusion in the weaponry of the armed forces."*

Rohith is the elder son of Dacharla Tirumala Rao and Sridevi, residents of Kammapalem in Ongole. He completed his high school and Intermediate education from Sriviswasanthi Educational Institutions in Vuyyuru of Krishna district and studying final year Computer Science Engineering at SRM University in Chennai.

As an active student since childhood, Rohith is said to be interested in the flight technologies and missiles. The interest is increased after he got a chance to serve as a flying cadet in the aero show organised by the Indian Air Force in Vijayawada a few years ago. As the family conditions are not supporting, he obeyed his parents' decision to study computer science than joining aeronautics but continued his research about the flying machines.

Rohith says, "After watching reports of a number of terrorist and militant attacks in the country, I wanted to make a weapon that comes handy to the armed forces. In situations like Mumbai attack, the military forces cannot enter the buildings and risk the lives of the innocent people in the custody of terrorists. So, I thought of creating a nano robot that can carry about six poisonous missiles and shoot them at the terrorists."

Working on his project, Rohith prepared a missile one cm length, which can fly by burning the red phosphorus, and hit the target of three metres distance.

He is now working on the changing the fuel to give more thrust and reduce the weight of the missile so that it can be targeted at longer distances. He said, "The missile works on the basic cannon principle."

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Sharing his happiness, Rohith said, "I know that a lot of research, tools and hard work is required to make the perfect nano missile, that I am dreaming of. But I am sure that I can make it and now forming a team with the likeminded people and looking for sponsors. When the project is completed, I will handover it to the DRDO for tests and inclusion in the weaponry of the armed forces."

Navy gets amphibious landing craft

It can transport troops, attack tanks

The second Landing Craft Utility (LCU) L52 of Mk-IV class, an amphibious ship to transport combat equipment and troops of the Navy, designed and built by Garden Reach Ship Builders (GRSE), was commissioned at Port Blair on Monday.

These ships would be based in the Andaman and Nicobar Command and can be deployed for multi-role activities such as beaching operations, search and rescue, disaster relief operations, supply and replenishment and evacuation from distant islands.

The ship, commanded by Commander Kaushik Chatterjee, has a complement of five officers and 46 sailors and is capable of carrying 160 troops in addition. Displacing 830 tonnes, it is capable of transporting various kinds of combat equipment such as Arjun main battle tanks.



Amid border standoff, President visits Leh, honours Ladakh Scouts

President Ram Nath Kovind on Monday presented colours to all five battalions at the regimental centre of the Ladakh Scouts in Leh in Jammu & Kashmir. It was his first official visit outside Delhi since assuming office.

The presentation of colours from the President is in recognition of the regimental flag and to commend the regiment for courage displayed during conflicts. “In his capacity as the Supreme Commander of the Armed Forces, he dedicated the visit to the armed forces of the country ,“ said Rashtrapati Bhavan spokesperson Ashok Malik in a statement.

At the event, Kovind said it had been 54 years since the Ladakh Scouts became a part of the Indian Army . “This period has been replete with tales of heroism, honour and glory . The genesis of the Regiment was in the invasion by Pakistani raiders in 1947-48 and the resolve with which Ladakhis defended their motherland. This continues to remain a matter of pride for the entire country,“ he said.

Complimenting the Ladakh Scouts for 605 awards and honours for gallantry and distinguished services, the President said, “This speaks for the exceptional valour and spirit of the Regiment personnel and is a model for all soldiers and officers of our armed forces.“ He pointed out it had earned distinction in various wars and operations and excelled in sports, adventure pursuits and professional challenges.

At the colour presentation ceremony , Kovind said that he wished to pay homage to the martyrs of the Ladakh Scouts regiment. “Their blood and sacrifice secured our sovereignty, brought glory to our nation and protected our people from harm,“ he said. He also congratulated all veterans and serving soldiers of the regiment for their adherence to duty and professional conduct.

Ladakh Scouts was an affiliate of the Jammu & Kashmir Light Infantry till 1999. During the Kargil war, the Ladakh Scouts displayed exemplary courage after which the then Army chief, General V P Malik, moved a proposal for establishing it as a separate regiment.

The President also released a documentary film on Colonel Sonam Wangchuk, MVC, produced by Somesh Saha, and interacted with veterans and ‘Veer Naris’, besides gallantry awardees.

Later, he laid the foundation stone for the Buddha Park for World Peace at Leh's Mahabodhi International Meditation Centre. Among the dignitaries present were Jammu and Kashmir governor N N Vohra, chief minister Mehbooba Mufti and chief of Army staff General Bipin Rawat.

Business Standard

Tue, 22 Aug, 2017

Govt lens on Alibaba's UC Browser for sending user data abroad

By Kiran Rathee

RJio's LYF, Videocon and other smartphone makers to also get notices

After Chinese smartphone makers, the government has turned its attention to mobile apps from the neighbouring country.

A government lab in Hyderabad is probing how Alibaba-owned UC Browser can send user details and location data to a remote server.

UC Browser sends user and device identifiers such as IMSI (international mobile subscriber identity) and IMEI (international mobile equipment identity) numbers and location data to a remote server based in China, a source said.

When the device is connected to the internet using Wi-Fi, details — including the phone's and access point's network information — are sent to the remote server, the source said. UC Browser has a share of nearly 50 per cent of India's mobile browser market, according to latest data from StatCounter.

The security flaw in the browser was first reported in May 2015 by the University of Toronto. Meanwhile, the flood of government notices to smartphone makers continued, asking the manufacturers to share details about their security infrastructure. An official said the government was planning another lot of notices including to Reliance Jio's smartphone brand, LYF, and others including Videocon and Meizu.

In fact, each and every company which sells or manufacturers phones in India will have to share security details about the devices. Notices to about 30 companies making handsets have already been sent.

The move by the Ministry of Electronics and IT (MeitY) has come in the backdrop of a military stand-off between India and China in Doklam.

Officials said India aims to strengthen and secure its cyberspace and digital infrastructure, more so in a scenario when most of the firms making smartphones in India have their servers abroad. A majority of these firms are Chinese, which either sell directly or provide parts to Indian manufacturers. There are original equipment manufacturers (OEMs), too, serving Indian firms. The government believes over-dependency on Chinese firms in the electronics sector, whose servers are not in India, make the data more vulnerable to hacking and misuse. According to government figures, India is a big importer of electronics goods.

In 2016-17, against a demand of \$86.4 billion for electronics goods, the country imported \$42.8 billion worth of goods, primarily from China.

The country produced \$49.5 billion worth of goods locally, because of the government's thrust on making electronics goods in India. The demand for electronics is set to touch \$400 billion by 2023-24. Even as Chinese firms have been working in India for the past many years, there are no security standards in place yet.

Since the trade balance in the electronics sector is heavily tilted in favour of China, that's a concern for India.

The government has set August 28 as the deadline for submitting detailed responses on the safety and security practices, architecture, guidelines or standards followed and implemented in the products and services made for the country.

Based on the responses, the government would start verification and audit of devices, wherever required, the official said.

The government has also warned companies that if the procedures are not followed, it will impose penalties under provisions of the IT Act.

पंजाब केसरी

Tue, 22 Aug, 2017

चीन ने किया युद्धाभ्यास

बॉर्डर के पास हेलीकॉप्टरों और टैंकों का करतब

अपनी हरकतों से बाज नहीं आ रहा

नया वीडियो जारी कर चीन ने फिर दिखाई औकात

नई दिल्ली, (पंजाब केसरी): बढ़ते तनाव और विवाद के बीच चीनी सेना ने सीमा रेखा के पास युद्धाभ्यास किया। चीनी सेना पीएलए ने बॉर्डर के आंतरिक हिस्से में टैंकों व हेलीकॉप्टरों के साथ अभ्यास किया। चीन के चाइना सेंट्रल टेलीविजन की रिपोर्ट के अनुसार, पीएलए की 10 यूनिट जिसमें एक्विपेशन यूनिट भी शामिल रही थी, उन्होंने ड्रिल ऑपरेशन में हिस्सा लिया है। यह डील करने वाली पीएलए की वेस्टर्न थिएटर कमांड ने किया है, जो कि भारत के आस-पास वाले बॉर्डर को जिम्मेदार हैं। चीनी मीडिया में इस तैयारी का एक वीडियो भी चल रहा है जो कि 5 मिनट का है। इस वीडियो में कई टैंक लगातार चल रहे हैं और हेलीकॉप्टर से गोलियां बरसाई जा रही हैं।

गहराता जा रहा है डोकलाम विवाद : उल्लेखनीय है कि डोकलाम को लेकर भारत और चीन के बीच पिछले करीब दो महीनों से तनातनी जारी है। डोकलाम क्षेत्र सिक्किम के पास भारत-चीन-भूटान ट्राइजंक्शन पर स्थित है। यह इलाका भूटान की सीमा में पड़ता है, लेकिन चीन इसे डोंगलॉग प्रांत बताते हुए अपना दावा करता है। चीन ने इस साल जून में जब डोकलाम के पास सड़क

बनाने की कोशिशें शुरू कीं, तो भारतीय सैनिकों ने दखल देते हुए उनका काम रुकवा दिया। दरअसल भूटान के साथ हुए समझौते के तहत भारत अपने इस पड़ोसी मुल्क की संप्रभुता की रक्षा के लिए प्रतिबद्ध है। ऐसे में उसका दखल देना लाजमी हो जाता है। वहीं चीन का कहना है कि वह अपने इलाके में सड़क बना रहा है और भारतीय सेना के दखल को 'अतिक्रमण' करार दिया है।

तब से ही युद्धउन्मादी बयान देते हुए भारत से अपने सैनिक हटाने को कह रहा है। दरअसल चीन जिस जगह के पास सड़क बना रहा है। वह भारत का 'चिकन नेक' कहलाने वाले हिस्से के बेहद करीब स्थित है। उत्तर-पूर्वी राज्यों को देश के बाकी हिस्से से जोड़ने वाला यह इलाका महज 20 किलोमीटर चौड़ा है और सामरिक रूप से भारत के लिए बेहद महत्वपूर्ण है।

नई दिल्ली, (पंजाब केसरी): भारत और चीन के बीच पिछले तीन महीने से डोकलाम मुद्दे को लेकर काफी विवाद चल रहा है। दोनों ही देशों की ओर से लगातार बयानबाजी जारी है। एक तरफ जहाँ चीन भारत से डोकलाम पर सेना हटाने को कह रहा है तो वहीं भारत चीन से डोकलाम में हो रहे निर्माण का विरोध कर रहा है लेकिन 15 अगस्त को चीन की तरफ से लद्दाख के पेंगोंग इलाके में जिस तरह से घुसपैठ का वीडियो सामने आया उसने भारत-चीन के बीच सीमा पर विवाद की गहराई को दुनिया के सामने लाकर रख दिया है। भारत-भूटान में ऐसा क्या

है जो चीन को खटकता है, लेकिन इन सारी बातों से दूर चीनी मीडिया ने सीमा विवाद पर भारत का मजाक उड़ाते हुए एक प्रोपेगेंडा वीडियो जारी किया है। जिसको लेकर सोशल मीडिया पर बवाल मच गया है क्योंकि इस वीडियो में भारत पर नस्लवादी होने के आरोप लगाए जा रहे हैं।



पंगोंग झील घटना को लेकर ड्रेगन की चोरी और सीनाजोरी

बीजिंग, (भाषा): चीन ने भारतीय सैनिकों पर 15 अगस्त को लद्दाख की पंगोंग झील में गतिरोध के दौरान उसके सैनिकों के खिलाफ हिंसक कार्रवाई का आरोप लगाया और भारत के समक्ष विरोध दर्ज कराया। झड़प और पथराव की घटनाएं हुई थीं। भारतीय सीमा प्रहरियों ने लद्दाख में भारतीय क्षेत्र में घुसने की चीनी सैनिकों की कोशिश नाकाम कर दी थी, जिसके चलते पथराव हुआ था और इस वजह से दोनों ओर के सैनिकों को मामूली चोट आई थी। चीनी विदेश मंत्रालय की प्रवक्ता हुआ चुनयिंग ने दावा किया कि यह घटना उस वक्त हुई जब चीनी सैनिक 15 अगस्त को झील इलाके के आस पास वास्तविक नियंत्रण रेखा पर अपने क्षेत्र में सामान्य गश्त कर रहे थे। उन्होंने दावा किया कि भारतीय सैनिकों ने

कुछ हिंसक कार्रवाई की और चीनी सैनिकों को घायल कर दिया। भारत ने कहा कि दोनों देशों के स्थानीय सैन्य कमांडरों ने घटना पर चर्चा की। हुआ ने कहा कि चीन ने गहरा असंतोष जाहिर किया है और भारत से सख्त ऐतराज जताया है। यह घटना सिक्किम सेक्शन के डोकलाम इलाके में भारतीय और चीनी सैनिकों के बीच गतिरोध के बीच हुई। चीन का आरोप है कि भारतीय सैनिक डोकलाम में चीनी क्षेत्र में अवैध रूप से घुस गए और उन्हें बिना शर्त गतिरोध खत्म करना चाहिए। भारत ने कहा था कि डोकलाम गतिरोध का एक परस्पर स्वीकार्य हल ढूँढने के लिए वह चीन से बातचीत जारी रखेगा लेकिन इस बात का भी जिज्ञासा कि लद्दाख जैसी घटनाएं दोनों देशों में किसी के हित में नहीं है।

Tue, 22 Aug, 2017

Trump's strategy to end AF conflict may involve India

US Prez to Detail Policy Today

President Donald Trump will announce America's new strategy in Afghanistan on Tuesday, amid reports that his administration could be mulling a role for India in ending the brutal and costly conflict, the US' longest war. Trump will make his first prime-time broadcast to the nation as president at 9pm local time (6:30am IST, Tuesday) to unveil his new plan.

The president will "provide an update on the path forward for US' engagement in Afghanistan and South Asia," White House press secretary Sarah Sanders said.

The address from the Fort Myer military base in Arlington, Virginia, will follow defence secretary Jim Mattis' confirmation on Sunday that the administration had decided on a new Afghan strategy after "rigorous" debate.

Defence secretary James Mattis said on Sunday that Trump's policy review on the war and the entire US approach to South Asia -Washington's tortured ties with Pakistan and complaints that Islamabad is tacitly encouraging extremists -had been finalised. On Friday, Trump had a meeting with national security officials at Camp David. On Saturday, he tweeted: "Important day spent at Camp David with our very talented Generals and military leaders. Many decisions made, including on Afghanistan."

While Obama's policy focused primarily on Afghanistan and Pakistan, reports said the Trump administration looked into possibilities for a role for India during its policy review.

Months ago, the Pentagon had settled on a plan to send approximately 3,800 additional troops to help strengthen the Afghan army. US military commanders have often argued that additional troops would help the US to reverse gains made by the Taliban and other militant groups. Trump delegated authority to adjust troop levels to Mattis early in his administration, but he has been presented by the Pentagon with a range of options for the path forward, including a complete troop withdrawal and the deployment of up to 4,000 more soldiers to add to the more than 8,000 US troops that are already there. PTI

Tue, 22 Aug, 2017

'New policy may push Pak towards China, Russia'

By Omer Farooq Khan

Since 911, the US has been viewing its relations with Pakistan through the Afghan prism and repeatedly pressuring Islamabad to rein in the Haqqani Network and Taliban militants that Washington and Kabul believe were supported by elements of Pakistan's military and intelligence agency, Inter-Services Intelligence (ISI), to spread terror in Afghanistan.

Now that the Trump administration has readied its long-awaited strategy for Afghanistan and the wider South Asia, Pakistan, according to a media reports, is bracing itself for a "tough time".

Islamabad reportedly is not expecting any positives for itself in US President Donald Trump's new strategy for South Asia and has engaged authorities to prepare contingency plans to counterbalance its possible fallout. Two senior officials familiar with the plan were quoted by The Express Tribune newspaper as saying that Pakistan was contemplating several options to offset any fallout from the new US strategy.

In the event of any extreme US measures, one official said, Pakistan would be left with "no option but to seek even deeper and enhanced cooperation" with China and Russia. China's collaboration with Pakistan spans over

a wider canvas than ever before and ranges across strategic initiatives like the China-Pakistan Economic Corridor, defence collaboration in numerous joint projects and united diplomatic front.

Islamabad is also desperately keen on building relations with Moscow to counter US and western pressure and the two countries are slowly moving towards an embrace.

“If the US does not consider our legitimate concerns and just toe India's line, then we will certainly move closer to China and Russia,” the official said bluntly while referring to Pakistan's first “contingency plan”.

The new plan of the Trump administration is likely to seek tough measures against Pakistan to persuade it to break its alleged nexus with certain militant outfits including the Haqqani Network.

“Given the signals we are getting, we don't expect anything positive in the new Afghan strategy,” an official requesting anonymity was quoted as saying by the ‘Foreign Policy’ magazine. “Because of Trump's lack of experience in dealing with delicate strategic and foreign policy issues, certain elements are taking advantage of his naivety,” the official said.

Pakistan's main worry, however, is whether the US will take any radical steps to push the country to do more in the fight against terrorism.

Policymakers in Islamabad and Rawalpindi are also upset by Washington's decision to declare Hizbul Mujahideen a terrorist outfit. The foreign office publically spoke about it, calling the move ‘unjustified’ and ‘disappointing’.



Tue, 22 Aug, 2017

116 experts call on UN for outright ban on ‘killer robots’

Sanfrancisco: Some of the world’s leading robotics and artificial intelligence pioneers are calling on the United Nations to ban the development and use of killer robots.

Tesla’s Elon Musk and Google’s Mustafa Suleyman are leading a group of 116 specialists from across 26 countries who are calling for the ban on autonomous weapons.

The UN recently voted to begin formal discussions on such weapons which include drones, tanks and automated machine guns. Ahead of this, the group of founders of AI and robotics companies have sent an open letter to the UN calling for it to prevent the arms race that is currently under way for killer robots.

In their letter, the founders warn the review conference of the convention on conventional weapons that this arms race threatens to usher in the “third revolution in warfare” after gunpowder and nuclear arms.

The founders wrote: “Once developed, lethal autonomous weapons will permit armed conflict to be fought at a scale greater than ever, and at timescales faster than humans can comprehend. These can be weapons of terror, weapons that despots and terrorists use against innocent populations, and weapons hacked to behave in undesirable ways.

“We do not have long to act. Once this Pandora’s box is opened, it will be hard to close.”

Experts have previously warned that AI technology has reached a point where the deployment of autonomous weapons is feasible within years, rather than decades.

While AI can be used to make the battlefield a safer place for military personnel, experts fear that offensive weapons that operate on their own would lower the threshold of going to battle and result in greater loss of human life.

The letter, launching at the opening of the International Joint Conference on Artificial Intelligence in Melbourne on Monday, has the backing of high-profile figures in robotics and strongly stresses the need for urgent action, after the UN was forced to delay a meeting that was due to start Monday to review the issue.

युद्ध की आशंका के बीच अमेरिका-द. कोरिया का सैन्य अभ्यास

सियोल, रायटर: उत्तर कोरिया की कड़ी आपत्ति के बावजूद अमेरिका और दक्षिण कोरिया का सैन्य अभ्यास सोमवार को शुरू हो गया। कोरियाई प्रायद्वीप में बढ़ते तनाव के बीच हो रहे इस सैन्य अभ्यास को लेकर दक्षिण कोरिया के राष्ट्रपति मून जेई-इन ने कहा है कि यह पूरी तरह से सुरक्षात्मक अभ्यास है। इसमें हर साल की तरह हमले से बचाव को प्रमुखता दी गई है। लेकिन, उत्तर कोरिया इसे युद्ध की तैयारी के तौर पर देख रहा है। उसे आशंका है कि अभ्यास के बहाने एकजुट अमेरिका और दक्षिण कोरिया के सैनिक कभी भी उस पर हमला बोल सकते हैं। उत्तर कोरिया के परमाणु हथियार

और मिसाइल विकास कार्यक्रम के चलते संयुक्त राष्ट्र सुरक्षा परिषद ने उस पर कड़े आर्थिक प्रतिबंध लगा रखे हैं। अमेरिका ने समुद्र में उसे घेर रखा है। बावजूद इसके उत्तर कोरिया ने फरवरी से अभी तक 270 मिलियन डॉलर की विदेशी मुद्रा अर्जित कर ली है। वह कहीं से भी एहसास नहीं होने दे रहा कि तनाव के इस दौर में परेशान है और अमेरिका से समझौता या बातचीत करने के मूड में है। अमेरिका दक्षिण कोरिया का यह वार्षिक सैन्य अभ्यास 31 अगस्त तक चलेगा। इसमें कंप्यूटर के जरिये युद्ध की स्थितियां पैदा करके अभ्यास किया जा रहा है। इसमें परमाणु हथियार से लैस उत्तर

कोरिया से युद्ध की स्थितियां बनाई जा रही हैं। अमेरिका ने भी कहा है कि वह सुरक्षा की रणनीति से अभ्यास कर रहा है, लेकिन उत्तर कोरिया के सरकारी मीडिया ने इस दावे को झूठा बताया है। इस बीच अमेरिकी सेना की प्रवक्ता मिशेल थॉमस ने कहा है कि दक्षिण कोरिया की सुरक्षा के लिए हमें अगर कुछ बढ़ा करना पड़ा तो उसके लिए हम तैयार हैं। उल्लेखनीय है कि उत्तर कोरिया और दक्षिण कोरिया तकनीक रूप से युद्धरत हैं। 1950 से 1953 के बीच चले युद्ध में कोई संघर्ष विराम समझौता नहीं हुआ, युद्ध खुद रुक गया था।

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US warship collides with tanker, 10 missing

The US navy ordered a broad investigation on Monday into the performance and readiness of the Pacific-based 7th Fleet after an early morning collision between the USS John S McCain and an oil tanker in Southeast Asian waters left 10 US sailors missing and others injured.

It was the second major collision in the last two months involving the navy's 7th Fleet. Seven sailors died in June when the USS Fitzgerald and a container ship collided in waters off Japan.

Navy Adm John Richardson, the chief of naval operations, will call for a pause in operations and seek a deeper look at how the navy trains and certifies its forces that are operating around Japan, defence secretary Jim Mattis said. "He has put together a broader inquiry to look into these incidents," Mattis said, referring to the two recent collisions at sea. Mattis spoke to reporters in Amman, Jordan, where he is travelling.

Vessels and aircraft from the US, In donesia, Singapore and Malaysia are searching for the missing sailors. Four other sailors were evacuated by a Singaporean navy helicopter to a hospital for treatment of non-life threatening injuries, the navy said. A fifth was taken to the hospital by ambulance after the destroyer arrived in Singapore.

There was no immediate explanation or the collision. The McCain had been on the collision. The McCain had been heading to Singapore on a routine port visit after conducting a sensitive freedom-of-navigation operation last week by sailing near one of China's man-made islands in the South China Sea. The collision east of Singapore between the 154-meter (505-foot) destroyer guided missile destroyer and the 183-meter (600-foot) Alnic MC ripped a gaping hole in the destroyer's hull.

