

# समाचार पत्रों से चयित अंश Newspapers Clippings

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## PM inaugurates Kalam memorial, woos people of TN

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**RAMESWARAM(TN):** Prime Minister Narendra Modi promised on Thursday that his central government will support housing programmes and schemes for fishermen in Tamil Nadu, reaching out to a state where his party BJP is eyeing a foothold.

Modi's speech came at the inauguration of a memorial for former President and one of India's most celebrated scientists, APJ Abdul Kalam.

"A new India, without a new Tamil Nadu, is not possible. This is why the central government is helping the state with funds," the PM said, after assuring funds for housing schemes and for loans to help the state's fishermen buy bigger boats.

Modi's BJP has been eyeing a bigger presence in the state, where observers say a political vacuum has been created by the death of former chief minister J Jayalithaa last year.

The PM mentioned Jayalithaa multiple times during his



■ PM Narendra Modi at the inauguration of former President Abdul Kalam's memorial in Rameswaram, Tamil Nadu, on Thursday. PTI

speech, and said he was "sad that God had taken her away".

"Had Amma been here, she would have been very happy and blessed us," Modi said, referring to the work done on Kalam's memorial.

Modi spoke in Hindi, while senior state BJP leader H Raja translated it in Tamil alongside during the function at Mani Mandapam in Rameswaram's Pei Karumbu, the birthplace of Kalam. Thursday was the second death anniversary of the former President.

"Last year, we took a decision to build a fitting memorial for him (Kalam). Now, I feel proud that we have achieved what he had set out to. The DRDO is worthy of all praise for completing the memorial in such a short time," the Prime Minister said.

"There is a secret behind the success of the Kalam memorial—because each special skill needed for the project was brought in. Workers were working extra time and did not take money for the work and it is our homage to the great man — Dr Kalam," he

said. Tamil Nadu's acting governor C Vidyasagar Rao, chief minister Edappadi Palanisami and several Union and state ministers were present at the function.

### WHEELER ISLAND RENAMED AFTER KALAM

The Odisha government on Thursday issued a gazette notification, renaming Wheeler Island in Bhadrak district as Abdul Kalam Island to mark the second death anniversary of the former President. "With the view to paying a humble tribute to the former President of India, Dr A.P.J. Abdul Kalam, the state government on obtaining no objection certificate from Ministry of Home Affairs, Government of India, do hereby rename the 'Outer Wheeler' as APJ Abdul Kalam Island," read the notification.

## THE ECONOMIC TIMES

### Ministry of Defence Delegates Financial Powers to Armed Forces

Defence ministry has delegated "substantial financial powers to the three defence services for carrying out perimeter security of sensitive military installations. This has been done to expedite the decision making process in the modernisation of the airbases and defence installations. The development comes a few days after the ministry delegated the Indian Army's Vice Chief Sarath Chand of full financial powers to procure critical ammunition and spares to maintain an optimum level to be able to fight a short intense war. The army is facing critical deficiencies in its ammunition and spares.

In relation to the fresh development, the ministry issued a statement on Thursday stating, "In an unprecedented move, the MoD has decided to delegate substantial financial powers to the armed forces for undertaking works for perimeter security of sensitive military installations. This has been done primarily to expedite the decision making process involved in the modernisation of the security apparatus of airbases and defence installations."

The statement also said that the Vice-Chiefs of the three Services have been empowered to place orders, procure equipment and carry out civil works without further seeking approvals of the MoD.

The financial delegation represents a significant jump in the powers currently exercised by the services.



Fri, 28 July, 2017

## Def min agrees to share Bofors case file notings

*Info Sought To See If Dropping Paras Is Justified*

The strenuous objections by the Public Accounts Committee to the dropping of certain paragraphs in the more than 24-year-old pending reports of the comptroller and auditor general saw the defence ministry agreeing to share detailed file notings with regard to the Bofors pay off case.

The defence ministry recommendation that certain paras in the Bofors report be dropped as relevant files are no longer available caught the attention of a sub-committee of the PAC examining long pending reports, including the ones dealing with the Bofors acquisition and corruption allegations.

BJP MP Nishikant Dubey forcefully raised the issue at a recent meeting of the PAC subcommittee when he asked the defence officials to share all file details regarding acquisition of the Bofors howitzer.

Dubey demanded that all deliberations and minutes along with the MOD files be made available for scrutiny to see whether the recommendation to drop the audit paras was justified. BJD leader Bhartruhari Mahtab is understood to have drawn attention to the previous defence ministry comment that “presently the uploading of audit para on portal is being done by the monitoring cell, which sometimes uploads even those paras on which ministry department does not need submit ATNs, such as introduction paras, paras stating facts, etc. This leads to discrepancy in the pendency list of paras.”

Mahtab said that in the previous committee members were taken aback when this letter was brought to the panel's notice. “If the defence ministry will say that because certain files are not available, let us drop these paragraphs and that too justifying it, saying that it is already 25 years old...The task that has been entrusted is to go into those pending paragraphs only with the civil ministries we deal with,” he is understood to have commented.

The discussion on the subject concluded with Mahtab noting that the defence secretary had agreed to share all the relevant files with the MOD.



Fri, 28 July, 2017

## Army: Macchil accused not cleared yet

*'Tribunal Has Suspended Punishment'*

The Army on Thursday said the order by the armed forces tribunal (AFT) to suspend the life sentence of two officers and three soldiers involved in the Macchil encounter of 2010, and grant them bail, was only “an interim one” till the final verdict was delivered.

“The AFT has suspended, not quashed the punishment awarded to the five by the general court martial (GCM) in 2015, till it completes the hearing on their appeals and delivers its final judgment. The conviction has not been set aside,” said an officer. The Army will decide whether to challenge the suspension of their sentence and grant of bail on “legal merits” after studying the AFT order.

The GCM had convicted Colonel Dinesh Pathania, Captain Upendra Singh, Havildar Devinder Kumar and Lance Naiks Lakhmi and Arun Kumar for gunning down three unemployed Kashmiris, trying to pass them off as “Pakistani militants“ in a stage-managed encounter in the Macchil sector along the LoC in April 2010.

The GCM said the five should be stripped of their ranks and pension benefits as the fake encounter triggered violence, leading to over 100 deaths in the Valley. State political parties and rights outfits had hailed the punishment imposed on the five.

One of the defence lawyers in the AFT, Major (ret'd) S S Pandey said, “The case is based on circumstantial evidence. AFT agreed to our plea that they should be given bail till the final decision in order to maintain parity since the sixth accused (rifleman Abbas Hussain Shah) is out on bail. The next hearing is on October 31.”

On April 29, 2010, Shazad Ahmad Khan (27), Riyaz Ahmad Lone (20) and Mohd Shafi Lone (19) -were lured by a counter-insurgent Bashir Ahmad Lone, TA rifleman Shah and a civilian to the higher reaches of Macchil from Nadihal village on the pretext of jobs as porters.

The three were then dubbed Pakistani infiltrators and shot dead by the soldiers. Subsequent police probe exposed the conspiracy. After the court allowed the Army to try its personnel in 2012, the force conduct its own probe and held the GCM.



*Fri, 28 July, 2017*

## **C-130Js arrive in Bengal IAF station**

*By Suvojit Bagchi*

*Not linked to Doklam stand-off: officials*

While the stand-off between China and India continues at the Sikkim- Bhutan-Tibetan tri-junction of Doklam, the Air Force station at Panagarh in Bardhaman district got its first set of multi-skilled transport aircraft C-130J Super Hercules manufactured by Lockheed Martin of the United States.

Two C-130J have arrived very recently, while the station — named after Marshal of Air Force Arjan Singh — is awaiting the arrival of four more under a month. The six medium-lift capability C-130J will complete the first squadron of six such aircraft in eastern India.

Senior Defence Ministry officials, however, did not want to connect the arrival of the aircraft with the Doklam stand-off and rather described it as “fruition of an old plan.”

### **Many advantages**

The giant C-130J Super Hercules is described as one of the finest transport aircraft which can perform many duties simultaneously, according to various international aircraft reviews. The fuel-efficient aircraft can carry a load of up to 40 tonnes; can move faster and provide higher crew comfort compared to Ilyushin-76 [I L 76] of Russia, which was used by the Air Force for a long time. While I L 76 could also carry a load of 40 tonnes, it was a “fuel guzzler”, said a senior Army official.

C-130J will be used by the Special Forces and a division of the Mountain Strike Corps, recently raised by the Indian Army. The Corps has two divisions, instead of the usual three, with a strength of about 80,000 personnel. One of the divisions will be stationed at the Panagarh station once it is fully raised. The first squadron of C-130J was stationed at the Hindon airbase in Ghaziabad and performed its first landing exercise in 2013 at the Daulat Beg Oldi military base in Ladakh, adjacent to the Chinese border.

### **‘Fruition of old plan’**

Referring to the positioning of the first squadron at Hindon, a senior Defence Ministry official insisted that it had “nothing to do with the stand-off in Doklam.” “When the first batch of six C-130J came to the country, it was envisaged that a second squadron would also come. This is the fruition of an old plan,” he said.

C-130J Super Hercules can perform multiple duties, officials indicated. It can land on unpaved surfaces; para-drop special forces — known for their speed and stealth — and move faster fast with equipment and goods. It can return quickly to the base to dispatch the next team. Its movement and manoeuvrability is perhaps the reason why the U.S. forces used the transport aircraft extensively in Iraq and Afghanistan. However, a controversy arose in 2013 when fake Chinese microchips were discovered in the cockpit of the aircraft.



*Fri, 28 July, 2017*

## **Doval holds talks with Chinese counterpart**

*By Atul Aneja & Kallol Bhattacharjee*

*Expectations of de-escalation of crisis*

National Security Adviser Ajit Doval on Thursday held talks with Chinese State Councillor Yang Jiechi, covering “bilateral issues and major problems,” signalling that the stand-off in Doklam between Chinese and Indian troops in the Sikkim sector was likely on the agenda.

Referring to the three National Security Advisers of the BRICS countries, including Mr. Doval, who are in the Chinese capital, the official Xinhua news agency said: “[Mr.] Yang also separately exchanged views with the three senior representatives on bilateral relations, international and regional issues and multilateral affairs, and set forth China’s position on bilateral issues and major problems.”

Back home, Minister of State for External Affairs M.J. Akbar, speaking in the Rajya Sabha, highlighted the agreement reached in June in Astana between the countries to intensify “development partnership” and “people-to-people contact,” even as External Affairs Minister Sushma Swaraj said India had not discriminated against Chinese companies.

Mr. Akbar, responding to a question regarding China’s recent denial of visa to a group of journalists to Tibet and the remedial measures being taken to defuse the Doklam stand-off, said the two countries had agreed to work together. “[I] want to state one thing certainly... that when Prime Minister Modi and President Xi Jinping met in Astana, a closer development partnership was discussed and both countries decided that we will intensify our people-to-people contacts and do whatever is necessary to bring both countries closer.”

Ms. Swaraj maintained that despite commitment to improve bilateral ties, India had not hesitated to protest whenever differences arose with China about issues like stapled visas for Indian citizens from Arunachal or the visit of Dalai Lama to Tawang. She, however, maintained that India remained open to Chinese companies. “There is no policy to deny China [business opportunities],” she said to a question.

The statement about closer developmental partnership was also reiterated by MEA spokesperson Gopal Baglay who described bilateral ties between the two countries as a “factor of stability” and reiterated the June 8 “Astana consensus” under which both sides agreed to resolve disputes through negotiations.



*Fri, 28 July, 2017*

## **Call for Peace: - India-China war will hit most nations: Xinhua**

In the first official meeting between top Indian and Chinese officials since the Doklam stand-off became public, national security adviser (NSA) Ajit Doval met state councillor Yang Jiechi here on Thursday , offering the possibility of serious diplomatic efforts to de-escalate the confrontation.

Yang, who as China's state councillor overseeing foreign affairs occupies a powerful and influential position in the state council, is a nominee in the India-China special representative level dialogue with NSA Doval.

Indications of how the bilateral meeting went on Thursday could be gleaned by the commentary released by China's official Xinhua news agency which sent out a conciliatory signal just before Doval is expected to meet Chinese president Xi Jinping on Friday. The news agency spoke of the need to enhance mutual trust between the two countries because they are "not born rivals". The comments released by the official Xinhua news agency made a strong plea to avoid the possibility of a war. "Most economies, including those in the West, will find themselves negatively affected by an India-China war in a globalised and intertwined world today," it said. In Delhi, the Indian government reminded China of the agreements on peace and tranquility that go back to 1993.

Yang also held separate meetings with security officials of three other countries on the sidelines of a security dialogue of BRICS nations.

He discussed issues concerning bilateral relations, international and regional issues and multilateral affairs with the visiting security officials, the official Xinhua news agency said.

The remarks are a contrast to the hectoring tone in the comments published in publications like Global Times that are seen to reflect the views of the government. China's official spokespersons have accused India of trespassing into Chinese territory, ignoring India's protests that the face-off near the Sikkim-Tibet-Bhutan trijunction has been caused by unilateral attempts by China to alter the ground position.

There are signs that the two neighbours might be able to scale down tensions that have spiked following China's bid to build a road through a plateau in Bhutanese territory.

This is the first time in weeks that the official media ran a commentary without demanding withdrawal of Indian troops from the disputed Doklam region. China has so far been insisting that troop withdrawal is a precondition to a "meaningful dialogue".

"The recent border issue between the two countries shows a lack of strategic trust on the Indian side," Xinhua said. It is not China but a set of problems common to all developing countries like corruption, a lack of quality education and healthcare that is holding back India.

"India must understand that China wishes what's good for the Indian people and would love to see a strong India standing shoulder by shoulder with China," Xinhua, which reflects the government's thinking said, giving an emotional touch to the vexed relationship. "Instead of being rivals, India and China have much more common ground, common interests and common aspirations. Both as developing countries, the two need to work together on important issues like fighting climate change, protectionism and the financial privileges of Washington," Xinhua said.

Doval is in Beijing to attend a dialogue of BRICS nations.

"Hopefully, wisdom will guide the two countries to common prosperity," it said, adding that "Both China and India need to enhance communication and nurture trust between them... the two are not born rivals and that harboring ill will against each other is dangerous," it added.



*Fri, 28 July, 2017*

## **Humans made of matter from galaxies**

Humans may be made of particles that travelled from distant galaxies, say scientists who found that more than half of the matter in the Milky Way was transported through intergalactic winds. Researchers from Northwestern University in the US, using supercomputer simulations, found a major and unexpected new mode for how galaxies, including our own Milky Way, acquired their matter: intergalactic transfer.

The simulations show that supernova explosions eject copious amounts of gas from galaxies, which causes atoms to be transported from one galaxy to another via powerful galactic winds, researchers said.

Intergalactic transfer is a newly identified phenomenon, which simulations indicate will be critical for understanding how galaxies evolve. “Given how much of the matter out of which we formed may have come from other galaxies, we could consider ourselves space travellers or extragalactic immigrants,” said Daniel Angles-Alcazar, a postdoctoral fellow at Northwestern University.

“It is likely that much of the Milky Way's matter was in other galaxies before it was kicked out by a powerful wind, travelled across intergalactic space and eventually found its new home in the Milky Way,” Angles-Alcazar said. Galaxies are far apart from each other, so even though galactic winds propagate at several hundred kilometres per second, this process occurred over several billion years. Researchers developed sophisticated numerical simulations that produced realistic 3D models of galaxies, following a galaxy's formation from just after the Big Bang to the present day.

They then developed state-of-the-art algorithms to mine this wealth of data and quantify how galaxies acquire matter from the universe. “This study transforms our understanding of how galaxies formed from the Big Bang,” said Claude-Andre Faucher-Giguere, professor at Northwestern University



*Fri, 28 July, 2017*

## **Indian student at MIT makes wearable sensor to prevent assault**

*Manisha Mohan's device can alert people nearby with a loud noise or send distress signals to the smartphones of friends and family*

An Indian scientist at MIT has developed a sticker-like wearable sensor that can detect sexual assault in real time and quickly alert the victim's friends and family and people nearby.

The sensor, which can be attached to any piece of clothing like a sticker, could be trained to learn the difference between when a person is undressing themselves and when they are being forcefully disrobed, said Manisha Mohan, research assistant at the Massachusetts Institute of Technology, U.S.

This allows the sensor to detect signs of an assault even when the victim is unconscious or not in the position to fight the assaulter.

An integrated bluetooth connected to a smartphone app can trigger a loud noise to alert people nearby and send out a distress signals to pre-set numbers of family members or emergency services. The sensor works in two modes.

In the passive mode, the wearer is assumed to be conscious and can set off loud alarms or distress calls on their own by touching a button when they encounter an approaching threat. In the active mode, the sensor tries to detect signals from the external environment.

For example, if somebody is trying to remove the clothing of a person, a message is sent to the smartphone asking if the person consents.

If the smartphone user does not respond within 30 seconds, the phone begins to emit a loud noise to alert people nearby.

If the victim does not stop this alarm using a predefined password within the next 20 seconds, the smartphone app can automatically send distress signals to family or friends, along with the location of the victim.

Personal experience

Ms. Mohan's experience as an engineering student in Chennai inspired her to create the device, she said.

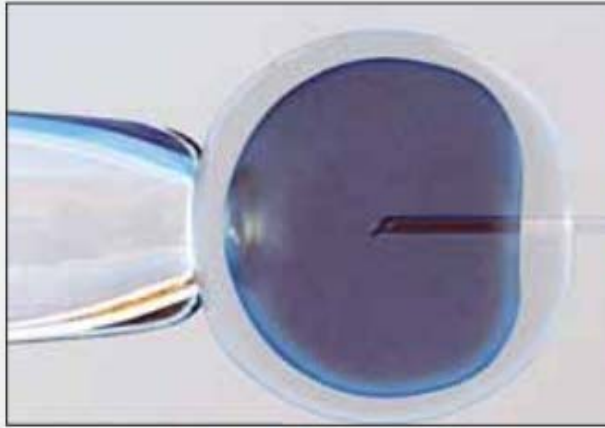
“Female students on campus were not allowed to work beyond certain hours. You were expected to be back in your dorm by 6:30 p.m.,” Ms. Mohan said.

“Instead of asking them to remain indoors I think we should provide more safety for them,” she said. The technology can seamlessly integrate with existing clothing to respond to initial signs of assault such as forced disrobing, researchers said. “The proposed solutions aim to combat child sexual abuse, college campus assault and abuse of elderly and disabled,” Ms. Mohan said.

## पंजाब केसरी

Fri, 28 July, 2017

# मानव भ्रूण के डीएनए को संपादित करने में मिली सफलता



नई दिल्ली, (पंजाब केसरी): अमेरिका में पहली बार सफलतापूर्वक मानव भ्रूण में 'जीनों' को संपादित किया गया है। इस प्रक्रिया में वैज्ञानिकों ने जेनेटिक मैटेरियल में



बदलाव के लिए सीआरआईएसपीआर तकनीक का इस्तेमाल किया। हालांकि किसी भी भ्रूण को कुछ दिनों से अधिक विकसित नहीं होने दिया गया। इन निष्कर्षों से यह उम्मीद मिली है कि दोषमुक्त जीनों को भ्रूण अवस्था में भी ठीक कर अनुवांशिक बीमारियों से बचा जा सकता है। अगर वैज्ञानिकों को आगे भी सफलता मिलती रही तो आने वाले दिनों में कैंसर, एचआईवी जैसी बीमारियों का इलाज संभव होगा।

**The Statesman**  
PEOPLE'S PARLIAMENT, ALWAYS IN SESSION

Fri, 28 July, 2017

## Parliament panel to host exhibition on innovations

In an attempt to disseminate information about several socially-useful products and innovations researched by scientific institutes across the country, the Parliamentary Standing Committee on Science and Technology is hosting a two-week exhibition in the Parliament House complex showcasing these innovations.

"This exhibition, being held for the first time, is specifically targetted at members of Parliament, and also the general public, to sensitise them, create awareness and to facilitate lab-to-farm application," Rajya Sabha MP Renuka Chowdhury, who heads the Standing Committee, said on Thursday. "Science is integrated and technology is part of our lives. We want to simplify and demystify science," she said. The MPs can, in turn, educate the people of their respective constituencies about these innovations, spin-off technologies and socially-useful products ready for commercialisation, Chowdhury added.

Since April 2016, the committee visited nearly 25 institutions, laboratories and scientific organisations across the country to get a first-hand information about the scientific innovations. "We saw how much work the scientific community has done," Chowdhury told a select group of media persons. "We came across over 600 inventions that were spin-off technologies from all these institutions."

The Committee realised that a large number of socially-beneficially innovations, which were ready for commercialisation and spin-off technologies, had not been popularised and even MPs were not aware of them and the achievements of scientists. Detailing a few such innovations, Chowdhury mentioned irradiation technology to increase the shelf life of fruits and vegetables that has been developed by the Bhabha Atomic



Research Centre (BARC) in Mumbai. "Around 40 per cent of agricultural produce goes waste because of poor post-harvest storage," she noted.

"Why can't this technology, which is highly popular in several countries and is available in India, be applied?

Why are we willing to throw food and not conserve it?" Similarly, drone technology can be effectively applied to detect and contain forest fires, illegal tree-felling and poaching of wild animals as well as verify claims of man-animal conflict. Vice-President Hamid Ansari will inaugurate the exhibition on Friday in the presence of Lok Sabha Speaker Sumitra Mahajan, Union ministers of science and technology, earth sciences and departments of atomic energy and space.