

EVERYDAY CURRENT AFFAIRS – JAN 27, 2020

TAMIL NADU

- **Governor Banwarilal Purohit - unfurled the National flag on the Marina beach front in Chennai to lead the Republic Day celebrations in the State**



- ✓ Chief Minister Edappadi K. Palaniswami, Deputy Chief Minister O. Panneerselvam, Assembly Speaker P. Dhanapal, the Council of Ministers and other dignitaries were present on the occasion.
- ✓ Later, Governor Banwarilal Purohit handed out awards for the best 'floats' which scored maximum marks during the presentations displayed along the Marina beach to mark the celebrations.
- ✓ The Department of Police bagged the first prize, the Agriculture and Horticulture Department won the second prize and the Department of Rural Development and Panchayat Raj received the third prize.
- ✓ The Governor presented a special award to the police motorbike team 'Flaming Arrows' for their acrobatic performance during the event.
- ✓ The Commissioner of Erode City Municipal Corporation received awards for the highest collection for Flag Day.
- ✓ Wing Commander Praveer Shukla was the Parade Commander of the Republic Day parade.
- ✓ The CM presented the Kottai Ameer Communal Harmony Award, 2020, to M. Shaj Mohammed of Tiruchi district, who helped ease tension between different communities during a dispute
- ✓ The Tamil Nadu government conferred the Anna Medal for Gallantry (General Public) on the five men -- T. Akesh, I. Fristan Franklin, S. Vinith, D. Charliepan

and D. Easter Premkumar along with others which include Dhanalakshmi of Kattupakkam, J. Vinodhini of Konimedu, Indiragandhi and Palaniappan.

- ✓ The Anna Medal for Gallantry (Government Servant) was presented to R. Raja of the Fire and Rescue Services Department in Nagapattinam
- **The Southern Bench of the National Green Tribunal (NGT) - has slammed the Kamarajar Port Ltd (KPL) and the North Chennai Thermal Power Station (NCTPS) for failing to clear the pollution caused by them in the Ennore Creek.**
 - ✓ The Bench also imposed an interim penalty of ₹8.34 crore on KPL as environmental compensation
 - ✓ It had ordered the port to deposit the amount with the Central Pollution Control Board within two months.
 - ✓ Earlier, the Central Pollution Control Board submitted its findings before the Tribunal, which were found through satellite images and site visits in late 2019
 - ✓ As per the report, high concentration levels of elements such as magnesium, aluminium, iron, potassium, chromium, lead and calcium in the soil in all the dumpsites used by KPL
 - ✓ The report of the Board pointed to improper handling of raw material, coal, iron ore, and other products by KPL and fly ash handling by NCTPS as primary reasons for the pollution.
 - ✓ The Bench of Justice K. Ramakrishnan and expert member Saibal Dasgupta also directed the committee to look at measures to refurbish the Creek and the cost required for it.
- **Ponni M Concessao, founder of Oscar and Ponni Architects, Chennai – won the International Inspirational Women Awards (IIWA) 2020 in the category of best woman performer in architecture at a function recently held in Noida.**



- ✓ One among 1,300 nominees, Ponni bagged the best women performer in architecture award.
- ✓ The award recognises exemplary potential of women changemakers and aims to inspire women achievers.
- ✓ The International Inspirational Women Awards 2020 is an initiative by GISR foundation

STATES

- **The Maharashtra government - launched its 'Shiv Bhojan' scheme, aimed at providing a meal to the poor for just ₹10, on the occasion of the 71st Republic Day**



- ✓ Under the scheme, which was launched on a pilot basis, lunch plates would be available at designated canteens during a stipulated time in all districts.
- ✓ Initially, 50 'Shiv Bhojan' outlets will be set up for the beneficiaries.
- ✓ The lunch plates or thalis will comprise two chapattis, one vegetable sabzi, rice and dal.
- ✓ The thalis will be made available between 12 pm and 2 pm.
- ✓ States like Tamil Nadu and Karnataka have launched similar schemes before, such as Amma Unavagam and Indira Canteen.
- ✓ Tamil Nadu had set up the first such canteen in 2013.

NATIONAL

- **India - showcased its anti-satellite (A-SAT) missile capability to the world as the weapon, Mission Shakti, rolled out on the Rajpath during the 71st Republic Day parade in New Delhi**
- ✓ Mission Shakti was developed by the Defence Research and Development Organisation (DRDO)
- ✓ In addition, the Indian Air Force's (IAF) newest inductions, CH-47F(I) Chinook heavy lift helicopters and AH-64E Apache attack helicopters, also made their debut during the flypast.



- ✓ A DRDO marching contingent displayed the A-SAT missile along with a second equipment, the Air Defence Tactical Control Radar (ADTCR)
- ✓ President and Supreme Commander of the armed forces Ram Nath Kovind and Prime Minister Narendra Modi reviewed the parade with Chief Guest Brazilian President Jair Messias Bolsonaro



- ✓ Bolsonaro is the third Brazilian President to be invited as Chief Guest for India's Republic Day Parade.
- ✓ Before him, India invited President Fernando Henrique Cardoso in 1996 and President Luiz Inacio Lula da Silva in 2004, as chief guests for the Republic Day Parade.
- ✓ There were 16 marching contingents this year, including 6 from the Army, and 22 tableaux from various States and departments in the 90-minute parade
- ✓ Tamil Nadu highlighted folk culture and presented the statue of Ayyanar, a guardian folk deity
- ✓ On March 27, 2019 the DRDO shot down a live satellite in Low Earth Orbit (LEO) of 300 km using a modified interceptor of the Ballistic Missile Defence (BMD) system using the 'hit to kill' technology with 10-cm accuracy.
- ✓ India is one of the few countries in the world to possess the A-Sat technology.
- ✓ The other countries include US, China and Russia.
- ✓ The ADTCR is used for volumetric surveillance, detection, tracking and friend/foe identification of aerial targets of different types and transmission of prioritised target data to multiple command posts and weapon systems.
- ✓ India has bought 22 Apache helicopters and 15 Chinook helicopters from Boeing
- ✓ Both these helicopters were inducted into service last year.
- ✓ The Army's Signal Corps contingent was led by Capt. Tanya Shergill, a fourth generation officer.



- ✓ Last year, Captain Bhavna Kasturi became the first woman officer to lead an all-men contingent
 - ✓ Among the Army's marching contingents, marching for the first time on the Republic Day was a contingent from the Corps of Army Air Defence.
 - ✓ The Army showcased its recent induction, the 155-mm Dhanush towed howitzer and K9-Vajra self-propelled artillery gun
 - ✓ In a change of tradition, before commencement of the parade, Prime Minister Narendra Modi paid homage to fallen soldiers by laying a wreath at the flame of the immortal warrior at the National War Memorial (NWM), instead of the Amar Jawan Jyoti (AJJ) at the India Gate.
 - ✓ The NWM, inaugurated in February last year, is located at the 'C' Hexagon near the India Gate
 - ✓ It was built in memory of about 22,500 Indian soldiers who laid down their lives in the post-independence period.
- **AIIMS - becomes the first hospital in the capital and the second public institution in the country to offer the Lung transplant procedure after PGIMER, Chandigarh.**

WHY IT'S SO RARE	HIGH RISK
<p>➤ First lung transplant was done in the US in 1963. 4,000 have been conducted since, including 200 in India</p> <p>➤ Mumbai woman, 41, was first Indian to get transplanted lung in 2012. She died 14 days later due to infection</p> <p>COSTLY PROCEDURE: Transplant costs around ₹30 lakh in pvt hospitals. Yearly costs of follow-up medicines run into several lakhs</p>	<p>➤ Survival rate in India lower than in the US</p> <p>➤ Patient needs to take immunosuppressive medications daily for life and live in a sanitised environment</p> <p>DONOR SHORTAGE Acute shortage of suitable cadaver donors in the country although demand for transplants is rising</p>

- ✓ The institute will not only conduct the transplant free of cost, but will also provide the patient follow-up medicines at no cost.
- ✓ Lung transplant, like a heart transplant, can only be carried out with organ donated by a deceased donor.

- ✓ Till date, only about 4,000 such transplants have been done globally, including about 200 in India.
- ✓ All lung transplants in India, except for one, have been performed at private hospitals where the procedure can cost ₹20-30 lakh or more.
- ✓ Follow-up medications, which have to be taken lifelong, cost several lakhs a year.
- ✓ A lung transplant is a surgical procedure to remove one or both diseased lungs from a patient and replace it with a healthy one from a cadaver donor.
- ✓ The world's first lung transplant was conducted in human in 1963 in the US.
- ✓ In 2012, a 41-year-old woman from Mumbai became the first Indian to undergo the life-saving surgery

CONFERENCES & SUMMITS

- **The Global Potato Conclave - is scheduled to be held between January 28 and January 31, 2020 in Gujarat**



- ✓ PM Modi is expected to grace and address the conclave.
- ✓ The conclave will conduct live demonstrations of potato varieties, farm equipment, management practices under 10 different themes
- ✓ It will also focus on next generation breeding practices, efficient management practices of potato cultivation, management strategies of potato diseases and pests

SCIENCE, TECHNOLOGY & ENVIRONMENT

- **India's first Super Fab Lab - was inaugurated in Kerala on January 25**



- ✓ The laboratory is to function in collaboration with Massachusetts Institute of Technology (MIT), USA and Kerala Startup Mission
- ✓ A Fab Lab is a laboratory that offers digital fabrication.
- ✓ The digital fabrication techniques include CNC cutting, plasma metal cutting, laser cutting, electronics and microprocessors and 3D printing and scanning.

- ✓ Vigyan Ashram was the first Fab Lab to be opened in India, which was established in 2002
- ✓ Also, it was the first fab lab to be opened outside USA (MIT).

SPORTS

- **Vasant Raiji, India's oldest living First Class cricketer, turned 100 on January 26.**



- ✓ Raiji, a right-handed batsman, played 9 First Class matches in the 1940s, scoring 277 runs with 68 being his highest.
- ✓ Raiji, also a historian and a writer, was 13 when India played his first Test at the Bombay Gymkhana in South Mumbai
- ✓ He played for Bombay (now Mumbai) and Baroda.
- ✓ Raiji has shared the dressing room with the likes of Lala Amarnath, Vijay Merchant, C.K. Nayudu and Vijay Hazare.

