



EVERYDAY CURRENT AFFAIRS—august 31,2021

TAMIL NADU

- **On August 30, Chief Minister M K Stalin – inaugurated Rs.234.9 crore drinking water improvement scheme for Vellore Corporation through video conference from the Secretariat, Chennai**
- ✓ The new scheme seeks to enhance the supply of potable water to the newly added areas into the Vellore corporation limit.
- ✓ During the occasion, the CM inaugurated various schemes implemented by home, municipal administration and water supply, adi dravidar welfare and handloom and textiles departments in different parts of the state
- ✓ The CM has also inaugurated the combined drinking water scheme that was executed at Rs.140.22 crore to supply water to 293 habitations in Musiri, Thathaiyanganpet, Thuraiyur unions, and surrounding areas in Trichy district
- ✓ Further, Rs.50.28 crore combined drinking water scheme to supply drinking water to Uthangarai town panchayat and adjoining areas in Krishnagiri district was also launched.
- ✓ The CM also inaugurated newly constructed quarters for the personnel of police, fire and rescue service and prison departments, police stations, fire and rescue service stations
- ✓ A total of nine police stations and 15 fire stations have been constructed at a cost of Rs.105.4 crore
- ✓ The CM also inaugurated working women hostels and students' hostels in Coimbatore, Mayildathurai, Tirunelveli, Virudhunagar, and Krishnagiri
- ✓ These were constructed by adi dravidar welfare department at a cost of Rs.10 crore
- ✓ Further, the CM unveiled a souvenir shop, which was constructed at Rs.1.83 crore by handloom and textiles department, in Karaikudi.

- **Tamil Nadu - ranked fifth in fines collected through e-challans for traffic offences since September 2019, collecting Rs.140.9 crore as penalty**

- ✓ The state police and transport departments together issued 2.37 crore e-challans to violators
 - ✓ Tamil Nadu issued most e-challans in the entire country
 - ✓ However, the fine collected was less since the state is yet to implement the steep fines under the amended MV Act.
 - ✓ In September 2019, the Motor Vehicle Act was amended with a sharp increase in penalties for offences
 - ✓ Eighteen states and UTs have collected about Rs.1,975 crore as penalty through e-challans for violations of traffic and transport rules since September 2019.
 - ✓ Uttar Pradesh has collected the maximum fine of Rs. 545 crore, Bihar has collected Rs. 488 crore and Delhi has the third highest collection of fines of Rs.244 crore during September 2019 and July 2021 period.
 - ✓ Haryana and Tamil Nadu are ranked fourth and fifth in the list.
 - ✓ Since 2019, the union government has been pushing for electronic recording of violations of motor vehicle rules across states
 - ✓ It also aims to make it as the default mode for recording violations and issuing challans.
- **On August 30, V O Chidambaranar (VOC) Port - set the new record of handling a ship with the largest parcel size of 93,719 tonnes.**



- ✓ The Singapore-flagged vessel M V Ince Ankara reached the Tuticorin port with limestone consigned for M/s Chettinad Cements from the Port of Mina Saqr in the United Arab Emirates.
- ✓ The vessel was discharged with three harbour mobile cranes that are capable of discharging more than 50,000 tonnes a day.
- ✓ The entire consignment was unloaded on the same day.
- ✓ In terms of handling the parcel size, the port has now bettered the previous record for handling the highest parcel size of 92,935 tonnes of coal from the vessel 'M V Bastions' in May this year.
- ✓ The port has handled 11.33 million tonnes of cargo from April to July, against 10.58 million tonnes handled during the corresponding period last year.

- ✓ The port handled 2.7 lakh TEUs in the first four months of this financial year, thereby registering a 21.1% growth compared to the corresponding period last year.

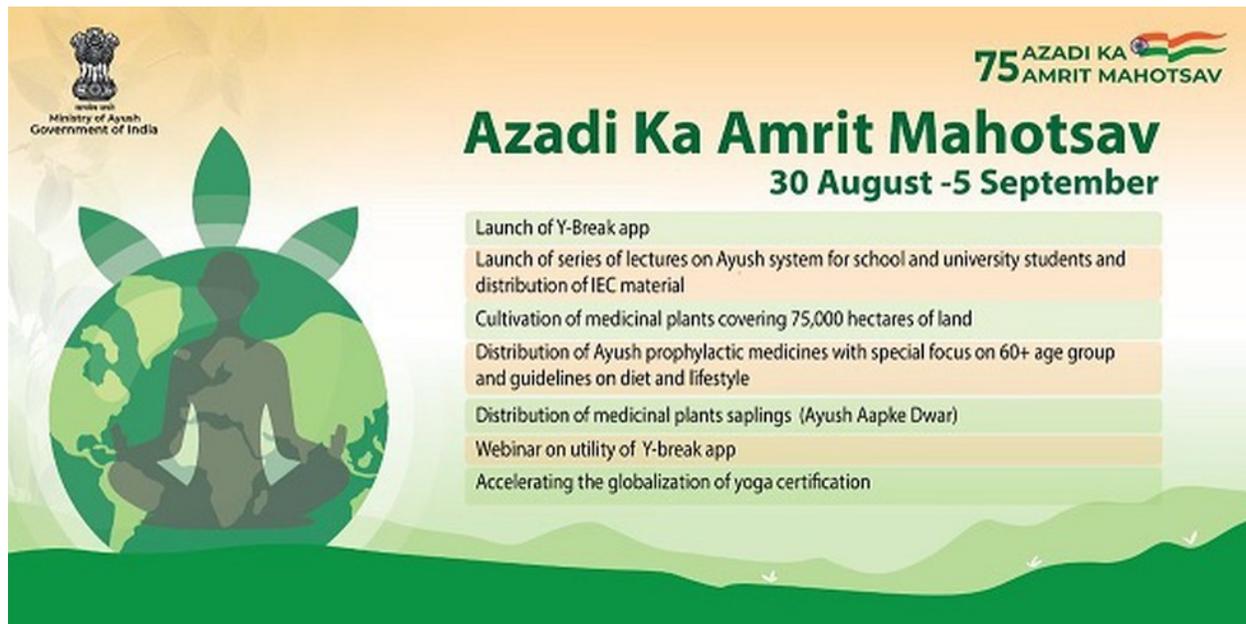
STATES

- **On August 30, Uttar Pradesh chief minister Yogi Adityanath - imposed a complete ban on the sale of liquor and meat in Mathura.**
- ✓ Yogi was speaking at the Krishnotsava 2021 programme in Mathura.
- ✓ The CM suggested that those engaged in liquor and meat trade may take up selling milk in order to revive the glory of Mathura, which was known for producing huge quantity of animal milk.

NATIONAL

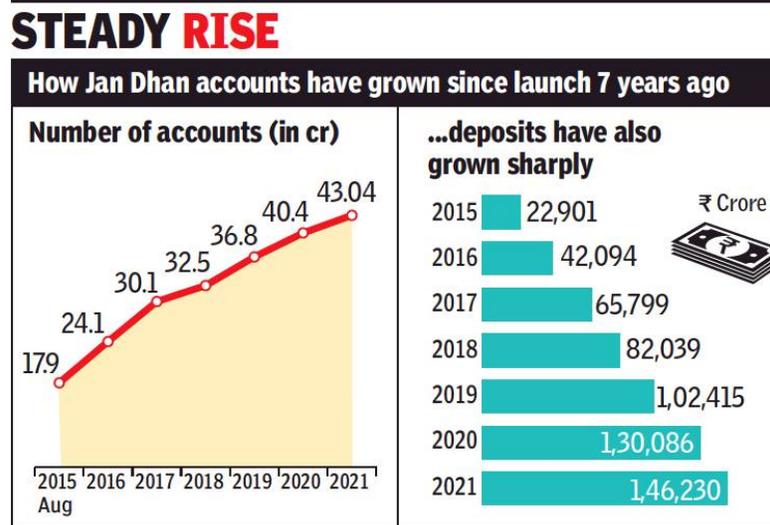
- **The four Gagannauts of the Gaganyaan mission – are scheduled to go back to Moscow again for tailoring of their customised spacesuits**
- ✓ They have returned to the country from Russia in April this year after completing their over one-year specialised astronaut training for India's maiden Gaganyaan mission
- ✓ The spacesuits are being stitched in Russia and they will be travelling now to Moscow to undertake tailoring measurements
- ✓ Russian R&D enterprise 'Zvezda', a subsidiary of Russian space agency Roscosmos, is manufacturing the spacesuits for the four Gagannauts.
- ✓ The four IAF pilots, chosen for the human spaceflight mission, had earlier visited the Zvezda facility last September
- ✓ During their previous visit, their anthropometric parameters were measured for designing their customised spacesuits.
- ✓ The company will also provide individual seats for the Gagannauts and custom-made couch liners.
- ✓ The provisions for specialised training, spacesuits and space kits are as per a contract signed between Roscosmos subsidiary Glavkosmos and Isro's Human Spaceflight Centre on March 11, 2020.
- **Union Minister for AYUSH Sarbananda Sonowal – to launch the Y-Break App on September 1, 2021, from Vigyan Bhawan to commemorate Azadi ka Amrit Mahotsav.**
- ✓ The Y-Break App is a 5-minute yoga protocol for office goers.
- ✓ Through this app, yoga and meditation can be done anywhere in just 5 minutes.
- ✓ The Y-Break mobile application has been developed by MDNIY (Morarji Desai National Institute of Yoga), an autonomous body under the Ayush Ministry
- ✓ Several other reputed institutes such as Krishnamacharya Yoga Mandiram-Chennai, Ramakrishna Mission Vivekananda Educational and Research Institute-

Belur Math, NIMHANS-Bengaluru and the Kaivalyadhama Health and Yoga Research Centre-Lonavla have played a prominent role in developing this app



- ✓ The Y-Break App, also known as the Yoga-Break Protocol, includes Asanas, Pranayam, and Dhyan.
- ✓ The protocol also contains stretching exercises such as Tadasana and Kati
- ✓ On August 29, 2021, the Union AYUSH Minister Sarbananda Sonowal had announced a series of week-long activities and campaigns by the Ministry of AYUSH starting from August 30 to September 5, 2021
- **Digital payments platform PhonePe - has been issued an insurance broking license from the Insurance Regulatory and Development Authority of India (IRDAI) to serve as direct insurance broker**
- ✓ In January 2020, PhonePe entered insurtech sector with a limited insurance 'corporate agent' license
- ✓ The 'corporate agent' license restricts the company to partnering with only three insurance companies per category.
- ✓ Now, with this new 'direct broking' license, PhonePe can distribute insurance products from all insurance companies in India.
- ✓ The new broking license also allows PhonePe to start offering personalised and diverse insurance product recommendations to its 300-plus million Indian users
- ✓ PhonePe is India's leading digital payments platform using which users can send and receive money, recharge mobile, DTH, data cards, pay at stores, make utility payments, buy gold and make investments.
- **Prime Minister Narendra Modi – praised his government's flagship scheme 'Pradhan Mantri Jan Dhan Yojana' as it completed seven years with total deposits of over Rs 1.46 trillion**

- ✓ According to the PM, the scheme aimed at opening the bank accounts has ensured financial inclusion and a life of dignity as well as empowerment for millions of Indians



- ✓ According to the finance ministry, the number of Jan Dhan accounts has jumped to 430.4 million in August 2021 from 179 million in August 2015.
 - ✓ Out of the current account holders, 55.47% (238.7 million) are women and 66.69% (287 million) are located in rural and semi-urban areas.
 - ✓ Out of total 430.4 million PMJDY accounts, 368.6 million or 85.6% are operative, and the average deposit per account is Rs 3,398
 - ✓ For account opened after August 28, 2018, the free accidental insurance cover on RuPay cards increased from Rs 1 lakh to Rs 2 lakh.
 - ✓ Under the PM Garib Kalyan Yojana announced on March 26, 2020, an amount of Rs 500 per month for three months (April '20 to June '20) was credited to the accounts of PMJDY women account holders
 - ✓ The government plans to ensure coverage of PMJDY account holders under micro insurance schemes — Pradhan Mantri Jeevan Jyoti Bima Yojana (PMJJBY) and Pradhan Mantri Suraksha Bima Yojana (PMSBY)
 - ✓ PMJJBY provides a life cover of Rs. 2 lakh for a premium of less than Re 1 per day, while PMSBY covers accidental risks.
 - ✓ A total of Rs 30,945 crore has been credited in accounts of women PMJDY account holders during Covid lockdown as an income support measure.
 - ✓ The PMJDY was announced by Prime Minister Narendra Modi in his Independence Day address on August 15, 2014, and was launched on August 28, 2014
- **India's national capital, Delhi - has ranked first with most cameras installed per square miles, according to Forbes list**
- ✓ This was announced by the Delhi Chief Minister, Arvind Kejriwal

- ✓ Based on the Forbes analysis of the world's 150 cities, Delhi has installed the highest CCTV cameras in public places with a total of 1,826.6 cameras per square mile.
- ✓ Apart from Delhi, Chennai has been ranked 3rd with 609.9 cameras per square mile, while Mumbai bagged 18th spot with 157.4 cameras per square mile

<p>HAWK-EYED VIGIL</p> <p>> 16 out of the top 20 most surveilled cities (based on the number of cameras per 1,000 people) are in China. London, Indore, Hyderabad, and Delhi are the only cities outside of China to make the Top 20, taking third, fourth, twelfth, and sixteenth spots, respectively</p> <p>> 11 out of the top 20 most surveilled cities (based on the number of cameras per square mile) are in China. Delhi, London, Chennai, Singapore, Seoul, Moscow, New York, Mumbai, and Mexico City feature within the top 20. Delhi, London, and Chennai have more cameras per square mile than any Chinese city</p> <p>> Around the world there are 770 million cameras in use with 54% of these being in China</p>	 <p>> Going by cameras per square mile, Delhi tops among 20 cities with 1826.58; London is at second spot with 1138.48; Chennai is next with 609.92; Shanghai is at the seventh spot with 408.49; Singapore at eighth with 387.56; New York at 14th with 193.72; Beijing at 15th with 181.49; and Mumbai at 18th with 157.43</p> <p>> Going by cameras per person, Taiyuan, China, tops</p>	<p>among 20 cities with 117.02 cameras per 1,000 people; Indore is in fourth position with 64.43 cameras; Beijing in sixth with 55.03; Hyderabad in 12th with 36.52; and Delhi in 16th with 33.73</p> <p>Source: Study by Comparitech website from where Forbes India sourced the data</p> <p>IN DELHI</p> <p>> Each RWA/market association has 30-40 cameras to cover the areas under it</p> <p>> 2.8 lakh CCTVs installed in Phase; 1.4 lakh in the process of installation</p> <p>> Each assembly constituency has about 4,000 cameras</p> <p>> Initially, 1.4 lakh cameras were installed. Later, the govt decided to double the number for better coverage</p> <p>> CCTVs have been useful for detection and investigation in a lot of crime cases and have made the city safer for women</p>
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- ✓ Delhi has bettered the second ranked London (1,138.5), fourth ranked Shenzhen in China (520), fifth placed Wuxi in China (472.66), Singapore (387.6), New York (193.7), and Moscow (210) in the category of having the most cameras per square mile in the world.
- ✓ In the first phase of the CCTV project, the Delhi government installed nearly 275,000 cameras across the city and is currently working on the second phase of the project, in which it aims to install 140,000 cameras
- ✓ The CCTV project is part of the government's larger action plan on enhancing women safety in the capital
- **Vice President M Venkaiah Naidu - has launched the Vaccinate India Programme in Bengaluru recently**
- ✓ The programme is organised by the Planning, Programme Implementation and Statistics department along with Sustainable Goals centre and Give India Foundation.
- ✓ It aims at educating the masses about the need for vaccination and clear general misconceptions among the public
- ✓ The event was held in Raj Bhavan in the presence of Governor Thawarchand Gehlot and Chief Minister Basavaraj S Bommai



- ✓ The Vice President launched the programme by symbolically inoculating two women
- ✓ India started its Covid-19 vaccines programme on January 16, 2021 and crossed the milestone of 500 million doses on August 6, 2021

SCIENCE, TECHNOLOGY & ENVIRONMENT

- **Indian Institute of Technology, Madras (IIT-M) - is developing an innovative model called 'e-Source' to tackle electronic waste (e-waste)**
 - ✓ The new model will be an exchange platform that seeks to link various stakeholders in the formal and informal economy
 - ✓ It will serve as an online marketplace for waste electrical and electronic equipment and facilitate a supply chain between the stakeholders.
 - ✓ The initiative is being undertaken by Indo-German Centre for Sustainability.
 - ✓ The world annually generates 53.6 million tonnes of e-waste, which is expected to double in the next 16 years.
 - ✓ IIT-M researchers, focused on the 'circular economy,' are working to address gaps in the e-waste sector to achieve a \$50 billion economy.
 - ✓ India is the world's third largest producer of e-waste and 38% more e-waste has been generated between 2019 and 2020
 - ✓ Only 5% of e-waste is recycled in the country.
- **Indian Institute of Technology, Madras (IIT-M) - has developed a motorised wheelchair vehicle called 'NeoBolt' that is capable of moving at a maximum speed of 25kmph even on uneven terrains.**
 - ✓ The lithium-ion battery-powered wheelchair can travel up to 25km for every charge.
 - ✓ The IIT-M team has designed and developed the wheelchair through a startup called Neo-Motion
 - ✓ The wheelchair is convenient, safe and a low-cost mode of outdoor mobility compared to other vehicles including modified scooters.



- ✓ The team has also developed and launched NeoFly, a wheelchair which has 18 customisations to make it personalised for the user.
- ✓ With a patented design, NeoBolt has features such as a digital dashboard, headlight, side indicators, horn, mirror, reverse function, telescopic suspension and a rugged built chassis.
- ✓ NeoFly covers three to five times more distance for every push owing to the right posture, a rigid frame and an ergonomic pushrim.
- ✓ An estimated 3 lakh wheelchairs are sold every year in the country, of which 2.5 lakh are imported.

SPORTS

- **India – has won an unprecedented 5 medals - 2 gold, 2 silver and a bronze - in a single day at Tokyo Paralympic Games on August 30**
- ✓ The winners also included the country's first-ever Paralympic gold medal winning woman athlete in shooter Avani Lekhara.
- ✓ The day's developments took India's total medal tally to 7, their best ever at a Paralympic Games
- ✓ At the Rio Games in 2016, India had won 2 gold, 1 silver and 1 bronze
- ✓ India has won 19 medals so far (5 gold, 8 silver, and 6 bronze) across all 11 editions of Tokyo Paralympics Games, since 1960
- ✓ Avani started the day for India with a gold and javelin thrower Sumit Antil ended it with another, along with a world record.
- ✓ India's tally could have been higher but they lost a bronze after athlete Vinod Kumar, who had finished third in discus (F52) on August 29, was found ineligible in disability classification assessment.
- ✓ Avani equalled the world record of Ukraine's Iryna Shchetnik (249.6 set in 2018) while winning the gold in women's 10m air rifle standing SH1
- ✓ Antil bagged the top finish in men's javelin (F64), beating his own world record by almost 6 metres.
- ✓ Yogesh Kathuniya won one of the two silvers in men's discus (F56) while the other was won by Devendra Jhajharia in men's javelin (F46) event.

- ✓ In the same javelin event, Sundar Singh Gurjar claimed bronze.
- ✓ The 19-year-old Jaipur girl, Avani suffered spinal cord injuries following a car crash in 2012
 - ✓ She finished with 249.6 points, ahead of reigning champion Cuiping Zhang of China (248.9), while Ukraine's Iryna Shchetnik took the bronze.

INDIA'S BEST DAY EVER AT PARALYMPICS

India won five medals (2 gold, 2 silver, 1 bronze) at the Tokyo Paralympic Games on Monday, its highest-ever tally in a day. A teen shooter took gold with a new Games record, a javelin thrower smashed the world record thrice to clinch gold, while a 40-yr-old man cemented his status of being India's greatest para-athlete ever by winning his third Paralympics medal



Sumit Antil (Gold): The present world-record holder in men's javelin throw (F64 category) set 3 world records in six attempts to win gold with a throw of 68.55m. A silver medalist in the 2019 World Championship, the Sonipat resident used to be a competitive wrestler before he lost his left leg below the knee in a bike accident in 2015. Antil became a para-athlete in 2017 and tasted success very soon



Avani Lekhara (Gold): The Jaipur girl topped women's 10m air rifle standing (SH1) with a WR-equalling score & set a new Paralympics Games record. Avani, 19, sustained spinal cord injuries in a car accident in 2012 & picked up the rifle five years later. Her idol is Abhinav Bindra, India's first individual Olympic gold medalist



Devendra Jhajharia (Silver): Took up para athletics in 1995 & won Paralympic gold medals in Athens 2004 & Rio 2016 in men's javelin (F46). Tokyo's silver (64.35m) is the 40-yr-old Churu man's 3rd medal on this stage, the most by an Indian. When he was 8, his left hand had to be amputated after he touched an electric wire while climbing a tree



Yogesh Kathuniya (Silver): A product of Delhi's Kirori Mal College, the man from Bahadurgarh won silver in discus throw (F56) in his final attempt (44.38m). This was the 24-yr-old's best performance of this season. When he was eight, Kathuniya suffered a paralytic attack, which led to impaired coordination in his limbs



Sundar Singh Gurjar (Bronze): The 25-yr-old from Rajasthan's Karauli came third in men's javelin (F46) with an effort of 64.01m. The two-time world champion had lost his left hand after a metal sheet fell on it



Vinod Kumar: The Indian discus thrower in the F52 category lost his bronze medal after being found ineligible in disability classification assessment by the competition panel

INDIA'S TALLY IN TOKYO PARALYMPICS SO FAR

Gold: 2
Silver: 4
Bronze: 1
Total medals: 7
Position: 26th

FULL COVERAGE: PAGE 13

- ✓ Avani started training under former India shooter Shirur in 2018 at her Lakshya Shooting Academy in Mumbai
- ✓ She has been currently ranked at World No. 5 in Women's 10m Air Rifle standing (SH1).
- ✓ Avani is the fourth Indian athlete to win a Paralympics gold following swimmer Murlikant Petkar in 1972, javelin thrower Devendra Jhajharia in 2004 & 2016 and high jumper Thangavelu Mariyappan in 2016.
- ✓ Sumit started with a world record – 66.9m – before bettering it twice in the next four throws with efforts of 68.08m and 68.55m
 - ✓ The earlier record – 62.88m – was also in his name which he had set at the 2019 World Para Athletics Championships in Dubai in 2019.
 - ✓ Sumit Antil, who hails from Khewda village in Haryana's Sonipat district, is the current world No. 1 in F64 category of men's javelin throw
 - ✓ The F64 category is for athletes with a leg amputation, who compete with prosthetics in a standing position

- ✓ Jhaharia followed his Rio gold with a silver, with a personal best of 64.35m.
 - ✓ After two gold medals — in Athens 2004 and Rio 2016, the 40-year-old from Churu district of Rajasthan created history by winning his third consecutive medal in his third Paralympics for India.
 - ✓ He broke his own world record of 63.97m that he had created in Rio, but Sri Lanka's Dinesh Priyantha Herath bettered the world record with a throw of 67.79m to bag the gold.
- **Indian boxers – bagged eight gold medals besides bagging five silver and six bronze at the Asian Junior Boxing Championship campaign in Dubai**
- ✓ Rohit Chamoli (48kg) and Bharat Joon (+81kg), Vishu Rathee (girls 48kg), and Tanu (girls 52kg) were the early gold-medallists
 - ✓ Nikita Chand (60kg), Mahi Raghav (63kg), Pranjal Yadav (75kg) and Kirti (+81kg) bagged the gold medals in the later bouts.

