



FIVE **RYDAY CURRENT AFFAIRS-august**

TAMIL NADU

- **Tamil Nadu Adi Dravidar Housing and Development Corporation (TAHDCO) – to provide free educational training for competitive Banking examinations for SC and ST students in Tamil Nadu**
 - ✓ In this regard, TAHDCO has entered into a Memorandum of Understanding (MoU) with Veranda Learning Solutions Limited
 - ✓ TAHDCO will admit 100 Scheduled Caste (SC) and Scheduled Tribe (ST) students from the state for Veranda Race's bank exam preparation coaching classes.
 - ✓ Veranda Race will offer free training to students from the socially backward communities to face competitive exams in the banking sector (clerical/probationary officers).
 - ✓ The eight-week programme consists of 5 classroom sessions for 215 hours along with mock tests and personality development sessions for interview preparation.
 - ✓ The training will cover all the modules such as mathematics, English, general knowledge, aptitude/reasoning and general computer skills.
- **The state power utility, Tangedco – has settled all its pending dues to power generation companies**
 - ✓ The Union power ministry's restriction on Tangedco participating in power exchange was lifted on August 20 after it cleared the money due to generation companies.
 - ✓ Tangedco had dues of more than Rs.70 crore to generation companies, as on August 19
 - ✓ According to the latest update, only Karnataka, Jammu and Kashmir and Mizoram have dues of more than Rs.1 crore and remain blocked.
 - ✓ Tangedco can now access the power exchange to buy electricity to meet peak demands if required.

- ✓ The Power System Operation Corporation (POCOSO) will alert the respective load curve centres to allow Tangedco to participate in the exchange.
- ✓ On August 18, the Union ministry of power had barred 13 discoms including Tangedco from participating in the power exchange due to the huge dues they owed to the generation companies.
- ✓ It said Tangedco had pending dues of more than Rs.920 crore till August 17.

STATES

- **On August 20, the governments of Punjab and Haryana - decided to name the Chandigarh International Airport after freedom fighter, Shaheed Bhagat Singh.**



- ✓ The decision was taken during a meeting held between Punjab Chief Minister Bhagwant Mann and Haryana Deputy CM Dushyant Chautala
- ✓ The two neighbouring states share Chandigarh, an Union Territory, as their joint capital
- ✓ The Rs. 485-crore airport project is a joint venture of the Airports Authority of India (AAI) and the governments of Punjab and Haryana.
- ✓ Punjab and Haryana have 24.5% share each while the AAI has 51% share in the airport.
- ✓ The airport's terminal building falls in Punjab's Mohali town.
- ✓ Earlier in 2007, to mark the birth centenary of Bhagat Singh, the Punjab government had mooted the proposal to name the airport after the freedom fighter
- ✓ In 2016, the Haryana Assembly unanimously passed a resolution to name Chandigarh airport after Bhagat Singh, but with the use of the word Chandigarh
- ✓ The Punjab government in 2017 had demanded that the airport should be named as "Shaheed-e-Azam Sardar Shaheed Bhagat Singh International Airport, Mohali", but Haryana had objected to the word Mohali.
- ✓ After the implementation, the airport will now be known as Shaheed Bhagat Singh Airport

- **On August 18, Maharashtra CM Eknath Shinde - announced that Dahi Handi will now be recognized as an adventure sport under the sports category in the state**



- ✓ While making the announcement in the assembly, the CM said the adventure sport tag will allow Govindas to apply for government jobs under the sports quota
 - ✓ Further, the CM said that insurance cover of Rs 10 lakhs will be provided for all Govindas
 - ✓ A player suffering serious injuries would receive Rs 7 lakh, while one with fractures would be paid Rs 5 lakh, Shinde announced
 - ✓ Citing the occasion of Janmashtami, the CM also introduced 'pro-dahi-handi' competitions in the state.
 - ✓ The Dahi Handi (earthen pots filled with yogurt) is part of the Janmashtami festival where young participants called 'Govindas' make a human pyramid to reach the pot hung mid-air, and break it
 - ✓ The dahi-handi is an old and traditional game in which youth participates in large numbers
 - ✓ The decision to grant sports status to Dahi-Handi comes after the ban on it was imposed by the previous Uddhav Thackeray government for the last two years
 - ✓ As a result, the Supreme Court imposed several restrictions on Dahi Handi, like a limiting the heights of the human pyramids to 20 feet, and disallowing minors to take part in it.
- **Jharkhand – has become the first state in the country to use blockchain technology to track seed distribution**



- ✓ In this regard, the Directorate of Agriculture, Jharkhand, and global blockchain technology company, SettleMint, India jointly announced the successful launch of blockchain-based seed distribution to farmers.
 - ✓ The blockchain platform tracks seed supply distribution from the Directorate of Agriculture issuing supply orders, District Agriculture Officer placing seed demand, tracking seed distribution from impanelled government seed producing agency to distributors, retailers, LAMPS/PACS, FPOs, and finally to farmers
 - ✓ The move to implement blockchain is intended to increase the transparency and authenticity of seeds received by farmers through the seed exchange scheme and other schemes.
 - ✓ As it enables traceability, real-time monitoring, and efficient scheme management, this will play a critical role in the transparent execution of schemes while eliminating middlemen
 - ✓ At present, over 3 lakh farmers are registered on the platform, and 30,000 quintals of seeds have been distributed so far.
 - ✓ Jharkhand has distributed over 300 seed varieties of more than 30 crops during both the kharif and rabi seasons at a subsidised rate
- **Andhra Pradesh government - has decided to implement 'Family Doctor Project' on a pilot basis in Padmanabham mandal of Visakhapatnam district**
- ✓ The objective of this project is to improve health services among the rural population.
 - ✓ This pilot project came into effect recently from 15th August, 2022.
 - ✓ Under the new initiative, a doctor from the Primary Health Center (PHC) will be made available to look after the health of severely sick and needy people in the ward and the village secretariat
 - ✓ However, before this, ANM ASHA workers and Mid-Level Health Providers (MLHPs) will go door-to- door to identify people who need the services of a doctor.
 - ✓ In every PHC, one doctor will stay at the hospital, while the other doctor will implement “family doctor concept”.
- **On August 15, Arunachal Pradesh - successfully launched the first flight of drone service - 'medicine from the sky' from Seppa to Chayang Tajo in East Kameng district.**
- ✓ Chief Minister Pema Khandu made this announcement on his official Twitter handle.
 - ✓ According to the CM, the government of Arunachal Pradesh has decided to conduct a pilot project of using drones in healthcare, agriculture and disaster management in collaboration with the World Economic Forum (WEF)
 - ✓ Based on the field assessment report, a pilot project 'Medicine from the Sky' is being rolled out on the occasion of Independence Day



- ✓ The pilot project has been funded by the United States Agency for International Development (USAID) and executed by Bengaluru-based startup Redwing Labs
- **The Uttar Pradesh government – recently signed a memorandum of understanding with Deloitte India, appointing it as a consultant for bringing the state's economy to \$1 trillion mark by the year 2027.**



- ✓ The MoU between the consultancy agency and the government was signed in the presence of Chief Minister Yogi Adityanath earlier this month on August 5, 2022
- ✓ The Uttar Pradesh government had decided to appoint Deloitte India as a consultant in a meeting of the council of ministers chaired by Adityanath on July 19, 2022
- ✓ The action plan to be prepared by Deloitte India will be examined by a high-level committee headed by the chief secretary of the state

NATIONAL

- **The first indigenously-developed RT-PCR kit for testing monkeypox - was launched at Andhra Pradesh Medtech Zone (AMTZ) in Vishakhapatnam on August 19.**
- ✓ Developed by Transasia Bio-Medicals, the kit was unveiled by Principal Scientific Adviser to the Centre, Ajay Kumar Sood
- ✓ The Transasia-Erba monkeypox RT-PCR kit is highly sensitive, but an easy-to-use test with uniquely formulated primer and probe for enhanced accuracy.

- ✓ On July 14, the Kollam district of Kerala announced the country's first case of monkeypox



- ✓ It may be noted that the World Health Organisation (WHO) has declared the monkeypox outbreak as a global health emergency of international concern.
- ✓ Monkeypox is a viral zoonosis, or a virus that spreads from animals to humans, according to the World Health Organization
- ✓ As on August 17, more than 35000 monkey pox cases were confirmed in 92 countries and 12 deaths are reported across the world
- **Union transport minister Nitin Gadkari - unveiled India's first electric double-decker in Mumbai on August 18**
- ✓ The double-decker bus – called Switch EiV 22 – will be operated by Bombay Electric Supply and Transport (BEST) from September.



- ✓ The bus will be designed and manufactured in India by Switch Mobility Ltd of Ashok Leyland
- ✓ Switch EiV 22 is the world's first semi low floor, air conditioned, electric double decker
- ✓ The bus components are manufactured locally to achieve FAME II compliance.
- ✓ Switch India has already received an order of 200 electric double-decker buses in Mumbai
- ✓ The National Electric Mobility Mission Plan (NEMMP) was launched in 2013 for the faster adoption of electric vehicles in India.

- ✓ Under NEMPP, the government has even launched the Faster Adoption and Manufacturing of (Hybrid) and Electric Vehicles in India (FAME India) scheme to promote the manufacture of EVs and to achieve complete electrification of the Indian transport system by 2030
- **On August 18, Union Minister for Fisheries, Animal Husbandry and Dairying, Parshottam Rupala - launched the Online Market Place feature "Aqua Bazar" in the "MatsyaSetu" mobile app**



- ✓ The mobile app was released during the 9th general body meeting of the National Fisheries Development Board.
 - ✓ The app was developed by the ICAR-Central Institute of Freshwater Aquaculture (ICAR-CIFA), Bhubaneswar, with the funding support of the National Fisheries Development Board (NFDB), Hyderabad through the Pradhan Mantri Matsya Sampada Yojana (PMMSY).
 - ✓ The online marketplace will help the fish farmers and stakeholders to source the inputs such as fish seeds, feed, medicines, etc., and services required for fish culture as well as farmers can also list their table-size fish for sale.
- **The Union Cabinet - has approved the enhancement in the limit of Emergency Credit Line Guarantee Scheme (ECLGS) by Rs 50,000 crore, from Rs 4.5 lakh crore to Rs 5 lakh crore**
- ✓ This was announced by Information & Broadcasting Minister Anurag Thakur on August 17, 2022
 - ✓ The additional funds will be made available exclusively for the travel, tourism and hospitality sectors
 - ✓ The ECLGS scheme was launched in May 2020 to help small enterprises struggling amid the unprecedented hit to economic activities due to the Covid-19 pandemic
 - ✓ Under the scheme, credit will be provided at a concessional rate of 7% interest to help various sectors, especially MSMEs
 - ✓ Loans of about Rs 3.67 lakh crore have been sanctioned under ECLGS till August 5, 2022.

- ✓ In Budget 2022-23, Finance Minister Nirmala Sitharaman announced extending the validity of ECLGS till March 2023 and an increase in the limit of guaranteed cover by Rs 50,000 crore
- ✓ The increase was done on account of the severe disruptions suffered by hospitality and related enterprises due to the pandemic.
- **Union Minister of State for Health Bharati Pravin Pawar virtually launched the 'Paalan 1000 – Journey of the First 1000 Days' National Campaign and Parenting App in Mumbai on August 16, 2022**



- ✓ The mobile application focuses on the development of children in the first two years.
- ✓ The app will provide caregivers with practical advice on what they can do in their everyday routine and will help resolve various doubts of parents
- ✓ It was launched at the Early Childhood Development Conclave.
- ✓ The 'Paalan 1000 - Journey of the First 1000 Days' combines early years coaching for parents, families and other caregivers with services designed to meet families' basic needs.
- ✓ During the speech, the Minister said that the country has reduced child mortality since 2014 from 45 per 1000 live births to 35 per 1000 live births in 2019
- **On August 16, the government – has launched the Manthan platform to ensure better collaboration between the industry and research institutions**



- ✓ The initiative seeks to further aid in achieving India's sustainability goals in alignment with the UN-defined Sustainable Development Goals (SDG) charter.
 - ✓ The launch commemorated India's 75 years of Independence – Azadi Ka Amrit Mahotsav
 - ✓ The forum will facilitate knowledge transfers and interactions through information exchange sessions, exhibitions, and events
 - ✓ It is powered by NSEIT and is led by office of Principal Scientific Advisor (PSA).
 - ✓ NSEIT is a 100% subsidiary of National Stock Exchange of India.
 - ✓ It is a global technology enterprise offering a range of digital, automation, cybersecurity, data analytics, and technology-enabled services.
- **State-owned oil major, Indian Oil Corporation Limited (IOCL) – has become the first corporate that has extended support to “Project Cheetah”, which aims to introduce the African cheetah in India**



- ✓ The IOCL will contribute Rs 50 crore as part of its corporate social responsibility (CSR) funds to Project Cheetah over a span of four years.
- ✓ The funding will be used for the project components viz. Cheetah Introduction, its Habitat Management & Protection, Eco Development, Staff Training and Veterinary Healthcare
- ✓ In this regard, the IOCL has recently signed a memorandum of understanding (MoU) with the National Tiger Conservation Authority (NTCA), which is overseeing Project Cheetah
- ✓ The MoU facilitates Cheetah conservation in both countries by exchanging expertise, sharing good practices in the field of wildlife conservation, use of technology, and sustainable management of biodiversity.
- ✓ Previously, Indian Oil adopted Indian Single-Horned Rhino as its mascot last year and, since then, has been at the forefront of India's Rhino conservation endeavors.
- ✓ India has already signed an MoU on July 20 with Namibia for “establishing the cheetah into the historical range in India”
- ✓ Project Cheetah is a scheme by the Ministry of Environment, Forest and Climate Change (MoEFCC)

- ✓ The subspecies of Cheetah namely, Asiatic Cheetah (*Acinonyx jubatus venaticus*) got extinct in India and African Cheetah (*Acinonyx jubatus jubatus*) is being introduced in the country.
- ✓ Under the plan, India will import 12-14 wild cheetahs from Africa (Namibia or South Africa) and introduce them in the Kuno-Palpur National Park in Madhya Pradesh.
- **More than one crore passengers - have availed the benefits of the UDAN scheme, as per an official statement released on August 17**
- ✓ The Ministry of Civil Aviation's flagship Regional Connectivity Scheme UDAN has completed 5 years successfully this year.
- ✓ The scheme was initiated on October 21, 2016 with the objective to fulfil the aspirations of the common citizen by following the vision of 'Ude Desh ka Aam Nagrik',
- ✓ It was launched to provide an enhanced aviation infrastructure and air connectivity in tier II and tier III cities.
- ✓ Prime Minister Narendra Modi launched the first flight under the scheme on April 27, 2017.
- ✓ In the last five years, UDAN has significantly increased the regional air connectivity in the country
- ✓ With 425 new routes initiated under the scheme, UDAN has provided air connectivity to more than 29 States/ UTs across the length and breadth of the country
- ✓ Because of the UDAN scheme, the number of operational airports has increased from 74 in 2014 to 141 now.
- ✓ Further, 68 underserved/unserved destinations which include 58 Airports, 8 Heliports and 2 Water Aerodromes have been connected under UDAN scheme
- **Union Health Ministry - has announced that tobacco products manufactured, imported, or packaged on or after December 1, 2022 will now have new display image**
- ✓ It displays the front profile of the face of a person suffering from end-stage oral cancer.
- ✓ The image will be accompanied by a textual health warning stating "Tobacco causes painful death"



- ✓ The new display image on tobacco packs will be valid only for a period of one year from the date of its commencement from December 1 this year.

- ✓ Although gruesome pictorial warnings have been around on cigarette packets for years, the latest update makes them more disturbing
- ✓ The image used is that of an actual patient from Tata Memorial Hospital (TMH), Mumbai, while hiding the patient's real identity
- ✓ From December 1, 2023, the tobacco products will display an image with the warning written over it "Tobacco users die younger"
- ✓ The new amendments have been made under the Cigarettes and other Tobacco Products (Packaging and Labelling) Rules, 2008
- ✓ Any kind of violation of these health guidelines is a punishable offence with imprisonment or fine as prescribed in Section 20 of the Cigarettes and Other Tobacco Products (Prohibition of Advertisement and Regulation of Trade and Commerce, Production, Supply and Distribution) Act, 2003
- ✓ The government rotates pictorial warnings to be displayed on both sides of tobacco products every two years.

INTERNATIONAL

- **The World Health Organization (WHO) - has renamed variants of the monkeypox virus to avoid any cultural or social offence in the original naming conventions.**
 - ✓ The Congo Basin and West African variants were reclassified as Clade I and Clade II, the latter of which has two subclades.
 - ✓ Subsequent variants will be named using Roman numerals for the clade, and lowercase letters for the subclade.
 - ✓ The new names go into effect immediately.
 - ✓ In its best practices for infectious disease names, the WHO cautioned against using geographic locations, people's names, animal species and other specific references.
 - ✓ The WHO has also invited new names for the monkeypox virus as a whole, including the disease it causes, after outcry over potential stigmatization
 - ✓ Monkeypox is named after monkeys because the disease was first identified in 1958 in two outbreaks of a pox-like disease in colonies of monkeys kept for research
 - ✓ The monkeypox virus was named much before current best practices in naming diseases and viruses were adopted
- **The UK - became the world's first country to approve a COVID-19 vaccine for both the Omicron variant and the original coronavirus strain**
 - ✓ The 'bivalent' vaccine has been made by US drugmaker Moderna.
 - ✓ The UK health regulator said the vaccine was also found to generate a "good response" against two Omicron subvariants, BA.4 and BA.5
 - ✓ These two variants were responsible for a wave of new cases of the disease in Europe and the United States

- ✓ Notably, in early 2020, the UK became the first country to roll out a COVID vaccination drive.

CONFERENCES & SUMMITS

- **Union Home Minister Amit Shah – addressed the valediction of two-day National Security Strategies (NSS) Conference in New Delhi on August 18, 2022**



- ✓ Home Secretary Ajay Bhalla, Deputy NSAs, Director Generals of Police and Inspector Generals of Police of all States and Union Territories (UTs) and Director Generals of Central Armed Police Forces (CAPFs) attended the conference
 - ✓ Further, the Conference was attended by 600 officers from across the country, physically and virtually.
 - ✓ Prior to the commencement of the Conference on August 17, Union Home Minister paid homage to the martyrs by laying a wreath at the Martyrs Column
 - ✓ He also inaugurated the National Automated Fingerprint Identification System (NAFIS), developed by National Crime Records Bureau (NCRB).
 - ✓ The system will help in the quick and easy disposal of cases with the help of a centralized fingerprint database.
 - ✓ During the conference, deliberations were held on various subjects of national security, including counter-terrorism, radicalisation, issues pertaining to cryptocurrencies, counter rogue drone technology and challenges posed by Maoist outfits
- **The 22nd edition of Bharat Rang Mahotsav 2022 – concluded at Ravindra Natya Mandir in Mumbai on August 14, 2022**
 - ✓ The National School of Drama (NSD) organised the Bharat Rang Mahotsav, 2022 (Azadi Segment) as part of the government's Azadi Ka Amrit Mahotsav initiative to mark the country's 75th Independence Day.
 - ✓ The theatre festival started in Delhi from July 16 and was also held in cities like Bhubaneswar, Varanasi, Amritsar and Bengaluru.
 - ✓ The five-day event showcased 30 plays of renowned theatre directors based on life and sacrifices of our freedom fighters



- ✓ Bharat Rang Mahotsav or the National Theatre Festival, which started in 1999, is the annual theatre festival organized by National School of Drama (NSD), New Delhi.
- ✓ Originally a national festival exhibiting the work of the most creative theatre workers in India, it has evolved to international level, hosting theatre companies from around the world, and is now the largest theatre festival of Asia
- **The 10th edition of annual Moscow Conference on International Security – concluded in the Russian Capital Moscow on August 17, 2022**

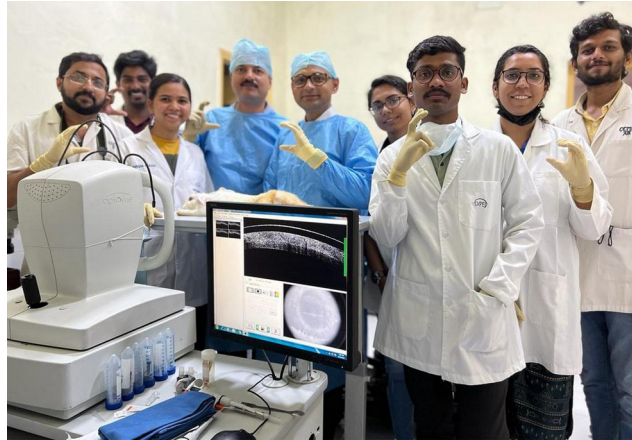


- ✓ Defence Minister Rajnath Singh addressed the plenary session conference virtually on August 16
- ✓ The Minister recalled that about two years ago many were gathered in Moscow to celebrate the 75th anniversary of the victory in the second world war.
- ✓ Further, the Union Minister noted that India is working tirelessly within the framework of the United Nations.
- ✓ The conference is attended by Ministers of Defence from around 35 countries as well as experts and key stakeholders in the military field.

- ✓ The conference, which commenced on August 15, took place simultaneously with the Army International Military-Technical Forum and the International Army Games, both also hosted by Russia's Defense Ministry

SCIENCE, TECHNOLOGY & ENVIRONMENT

- For the first time in India, researchers from Hyderabad - have successfully 3D printed an artificial cornea and transplanted it into a rabbit's eye.



- ✓ In the major collaborative effort, researchers from L V Prasad Eye Institute (LVPEI), Indian Institute of Technology-Hyderabad (IIT-H), and the Center for Cellular and Molecular Biology (CCMB), have developed a 3D-printed cornea from the human donor corneal tissue
- ✓ The printed cornea was developed indigenously through government and philanthropic funding
- ✓ It is completely natural, contains no synthetic components, is free of animal residues and is safe to use in patients.
- ✓ The cornea is the clear front layer of the eye that helps focus light and aids in clear vision.
- ✓ Corneal damage is a leading cause of blindness worldwide with more than 1.5 million new cases of corneal blindness reported every year.
- ✓ Corneal transplantation is the current standard of care for cases with severe disease and vision loss
- ✓ However, less than 5% of new cases every year are treated by corneal transplantations due to donor tissue shortage.
- ✓ This research was funded by a grant from the Department of Biotechnology, Government of India

DEFENCE

- The third edition of Vietnam-India bilateral army Exercise “Ex VINBAX 2022” – concluded at Chandimandir in Haryana on August 20, 2022



- ✓ The exercise is a sequel to previously conducted bilateral exercise in Vietnam in 2019
 - ✓ It aims to strengthen the bilateral relations between the two countries as India and Vietnam share a comprehensive strategic partnership and defence cooperation.
 - ✓ The theme of Ex VINBAX – 2022 was employment and deployment of an Engineer Company and a Medical Team as part of United Nations Contingent for Peace Keeping Operations.
 - ✓ Indian Army would be represented by troops from the 105 Engineer Regiment during the exercise, which started on August 1, 2022
- **Indian Army's Army Design Bureau (ADB) and Drone Federation of India (DFI) - have signed an MoU to make high-impact drones for the Indian soldiers.**

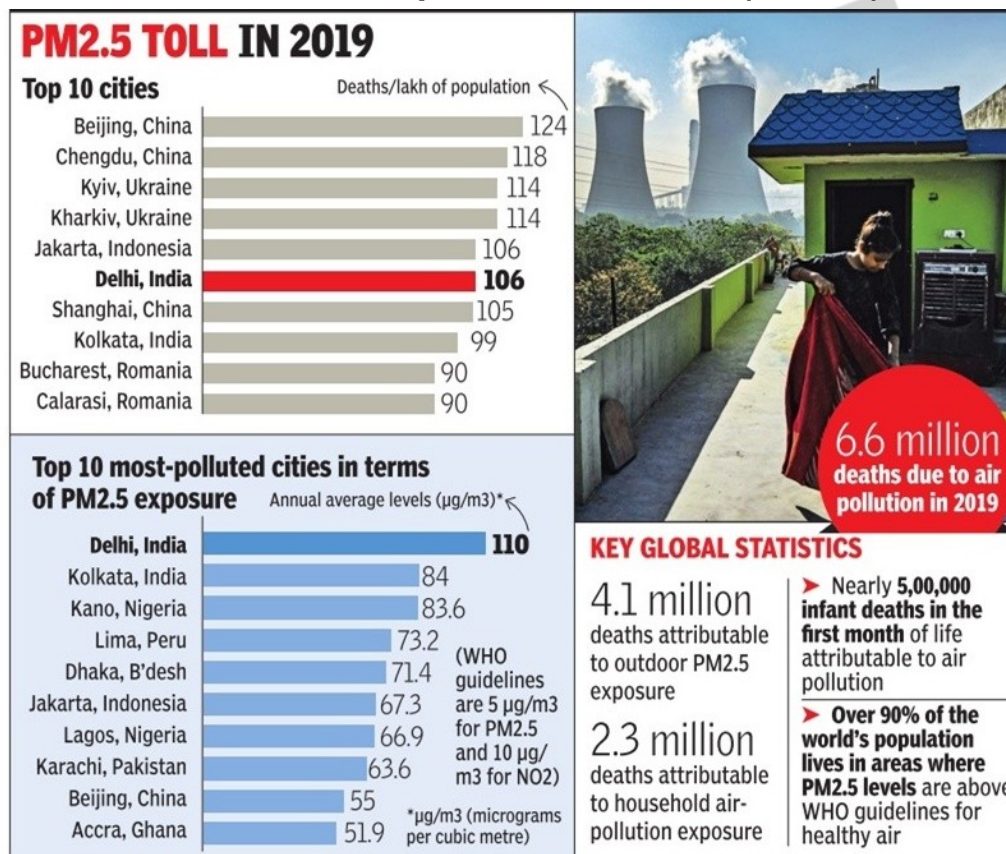


- ✓ Under the MoU, the two bodies will create a road map for making drones, counter-drones and allied technologies
- ✓ In addition, they will carry out field trials of such developed drones.
- ✓ ABD is a nodal agency of the Indian Army that facilitates research and development activities along with the industry, academia, DRDO and Defence PSUs.
- ✓ DFI is an industry body, which has Asteria Aerospace, Quidich Innovation Labs, AutoMicroUAS, Aarav Unmanned Systems, and Indrones as its members.

- ✓ It amends drone-related policies, creates business opportunities, develops a skilling infrastructure, facilitates technology and knowledge transfers, brings standardisation, and promotes R&D efforts in collaboration with industry-academia.
- ✓ Besides this, the Indian Army and DFI have also launched a drone programme called Him-Drone-a-thon.
- ✓ It is a PAN-India initiative that connects all stakeholders of the drone industry including academia, software developers and drone product manufacturers.
- ✓ Under this initiative, proposals were invited for the development of drone-based solutions for supporting Indian Army operations in the harsh Himalayan terrains

RANKINGS

- **Delhi and Kolkata – were rated as the top two most polluted cities in terms of exposure to hazardous fine particulate matter (PM2.5)**



- ✓ This is based on a new report released by the US-based Health Effects Institute (HEI) on August 17
- ✓ India's financial capital, Mumbai is 14th in the list in terms of being exposed to PM2.5 in the year 2019.
- ✓ When PM2.5 levels were compared, Delhi and Kolkata were found to be the top two most-polluted cities in the world, with an average annual exposure (relative to population) of 110 µg/m3 for Delhi and 84 µg/m3 for Kolkata

- ✓ In terms of impact, Delhi and Kolkata reported 106 and 99 deaths respectively per lakh of population due to exposure to PM_{2.5} in 2019
 - ✓ During this period, Beijing in China reported the highest number of deaths — 124 per lakh of population.
- ✓ The report, 'Air Quality and Health in Cities' used data on fine particulate matter (PM_{2.5}) and nitrogen dioxide (NO₂) from 2010 to 2019
- ✓ As per the report, India is home to 18 of the 20 cities with the most severe increase in PM_{2.5} pollution during the period, while the other two cities are in Indonesia.
 - ✓ The Indian cities/towns include Prayagraj, Varanasi, Chunar, Mirzapur, Rampur, Bhadohi, Rewa, Satna and Gopalganj.
 - ✓ All these cities saw an increase of more than 30 micrograms per cubic metre (µg/m³) of PM_{2.5} during the decade.
- ✓ The report analysed data of 7,239 cities across the globe and found that of the 50 cities with the most severe increase in PM_{2.5}, 41 are in India and nine are in Indonesia.
- ✓ Meanwhile, all the 20 cities with the greatest decrease in PM_{2.5} from 2010 to 2019 are located in China.
- ✓ The report also compared NO₂ levels across the 7,000 cities.
 - ✓ No Indian city appeared on the list of the top 10, or even top 20, most polluted cities based on NO₂ levels.
 - ✓ With an average annual exposure of 41 µg/m³, Shanghai is the most-polluted city on this list.
 - ✓ The report states that Delhi, Kolkata, and Mumbai had average NO₂ concentrations of 20 to 30 µg/m³
- ✓ According to the WHO's Air Quality Database, only 117 nations have ground-level monitoring systems to track PM_{2.5}, and only 74 nations are monitoring NO₂ levels.
- ✓ PM_{2.5} and NO₂ are two of the most prevalent air pollutants in cities and urban areas worldwide.
- ✓ PM_{2.5} is made up of airborne, inhalable particles less than 2.5 micrometres (µm) wide and released into the atmosphere by burning fossil fuels, and from factories, industries, car engines, fires, construction site dust, etc.
- ✓ Inhalable PM_{2.5} is considered the most hazardous among all classical pollutants as it gets deposited in lungs and causes serious respiratory problems.
- ✓ NO₂ is formed when there is combustion of fossil fuels including coal, gas and oil especially fuel used in cars
- ✓ The State of Global Air is a collaboration between the Health Effects Institute and the Institute for Health Metrics and Evaluation's Global Burden of Disease project

