

September - 16

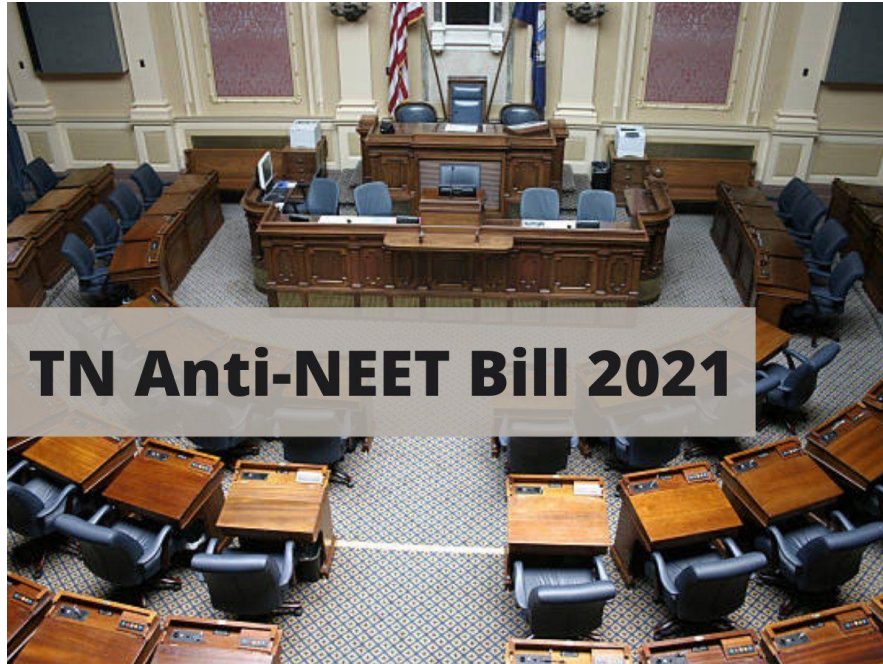
TNPSC BITS

- ❖ The Author Susanna Clarke won the Women's Prize for Fiction 2021 for her novel 'Piranesi'.
- ❖ The Indian golfer Jeev Milkha Singh has become the first professional golfer in the world to receive the prestigious 10-year Dubai Golden Visa.
- ❖ The Former managing director of Mahindra & Mahindra Pawan Kumar Goenka has been appointed as the chairperson of the Indian National Space Promotion Authorization Centre (In-SPACe).
- ❖ Prime Minister Narendra Modi laid the foundation stone for the Raja Mahendra Pratap Singh State University in Aligarh, Uttar Pradesh.
 - Singh was the part of Balkan War in 1911 and is also known as "Aryan Peshwa".
- ❖ Tamil Nadu has elevated reservation for women in authorities' jobs from 30% to 40%.
- ❖ The Colexion, the largest licenced NFT (non-fungible tokens) platform, announced the formal public launch.
 - Colexion is a NFT platform for Sports, Entertainment & Art.
- ❖ The Swarnim Vijay Varsh Mashaal or victory flame arrived at Dahung in Arunachal Pradesh.
 - The Victory flame was moved throughout the country to the 50 years of victory over Pakistan during 1971 Indo-Pak War.
- ❖ The Supreme Court has recently ruled that, an employee cannot insist on transfer to a particular place and only employer can shift the staff after considering requirement.

TAMIL NADU

Medical Exam – NEET

- ❖ The Tamil Nadu Assembly today passed the Tamil Nadu Admission to Undergraduate Medical Degree Courses Bill.
- ❖ It seeks to stop medical admissions on the basis of the National Eligibility cum Entrance Test (NEET) for students of the state.
- ❖ The Bill challenges a central law passed in the Concurrent list.
- ❖ It is to receive the Presidential assent.



Tamil Nadu State Commission for Scheduled Castes (SCs) and Scheduled Tribes (STs)

- ❖ The Chief Minister Stalin tabled a bill (called The Tamil Nadu State Commission for the Scheduled Castes and Scheduled Tribes Act, 2021) to set up panel for SC/ST members.
- ❖ It will have the powers of a civil court trying a suit under the Code of Civil Procedure, 1908.
- ❖ It will have a chairperson, a vice-chairperson and five other members.
- ❖ Three of them will be from SCs, two from STs and a woman member.
- ❖ The commission will inquire, Suo moto or on a petition presented to it by a victim or any person on his/her behalf.
- ❖ It will enquire the complaints of violation of any right provided under the Protection of Civil Rights Act, 1955, and the Scheduled Castes and Scheduled Tribes (Prevention of Atrocities) Act, 1989.
- ❖ The National Commission for the SCs and STs will prevail over the yet to be set up state commission.
- ❖ The commission can recommend action against public servants who are negligent in preventing such violations.
- ❖ The commission is expected to investigate and monitor safeguards present in various legislations, in the interest of SC/STs and promote awareness of the same.



- ❖ The state government will consult the commission on policy matters related to the community.
- ❖ The commission will also carry out research work to avoid discrimination.

Welfare for Scheduled Castes

- ❖ The Chief Minister Stalin said that ₹10 lakh reward as an incentive to panchayats following the practice of common crematoriums or graveyards.
- ❖ He announced setting up four new special courts in Salem, Krishnagiri, Madurai and Tirunelveli, since these places have more pending cases.
- ❖ He also said that schools run by the Adi Dravidar Welfare Department will be brought to the mainstream under the guidance of the School Education Department.

Jewel loan waiver

- ❖ Tamil Nadu Chief Minister M K Stalin announced that jewel loans availed by economically backward people from cooperative institutions would be waived up to five sovereigns of gold jewellery.
- ❖ The state government would allocate Rs 6,000 crore for this purpose.

Local Body elections in Tamilnadu

- ❖ Tamil Nadu State Election Commissioner V Palanikumar notified the dates for the rural local body polls in the nine newly constituted districts in the state.
- ❖ Elections are being held in Kanchipuram, Chengalpattu, Villupuram, Kallakurichi, Vellore, Ranipet, Tirupathur, Tirunelveli and Tenkasi districts.
- ❖ The polls will be held in two phases on October 6 and October 9 and the counting will take place on October 12.
- ❖ Indirect elections to posts like district panchayat and panchayat union chairpersons and vice-chairpersons will be held on October 22.

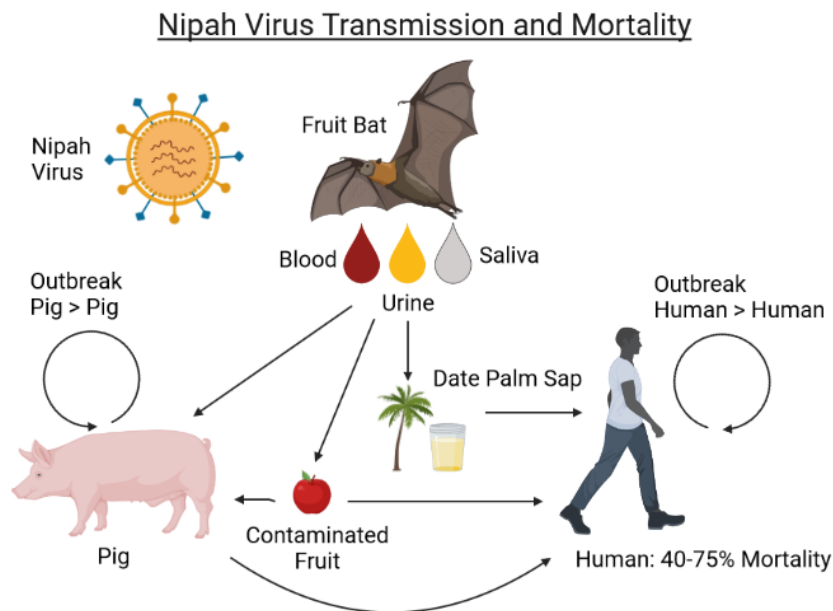
Announcement in Police Departments

- ❖ The Chief Minister Stalin announced the release of 700 life convicts to mark the birth anniversary of former Chief Minister C N Annadurai on September 15.
- ❖ He also announced that Avadi and Tambaram will be upgraded as police Commissionerate.
- ❖ He also proposed to set up a police commission to reform the police force.

- ❖ He announced the setting up of State Cyber Crime Investigation Centre to provide training and crack cybercrimes.
- ❖ A total of 1,000 youths from fishing communities would be appointed to work along with the Coastal Security Group (CSG).
- ❖ The Boys and Girls Clubs would be set up to ensure that children from socially and economically backward situations do not get involved in anti-social and illegal activities.
- ❖ A weekly off would be granted to police personnel from Constable Grade II to Head Constable
- ❖ The receptionists would be appointed in each of the police stations.

NATIONAL

Nipah Virus

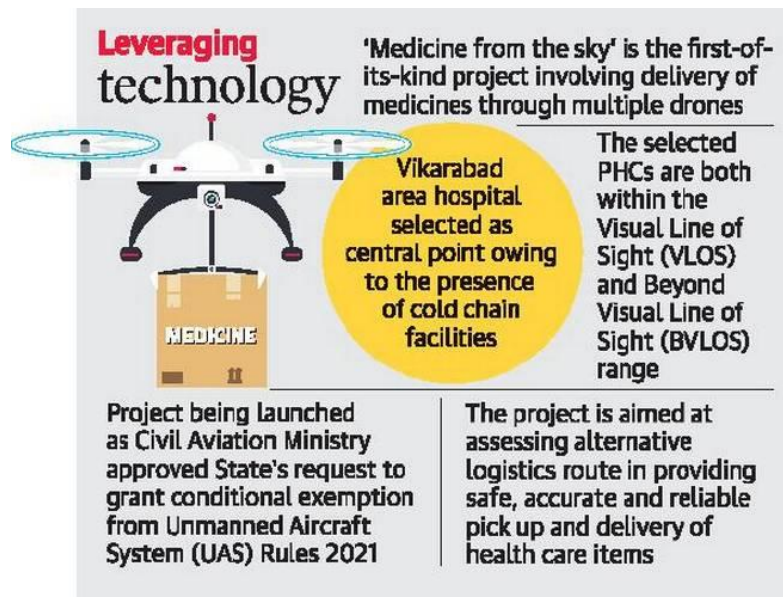


- ❖ It is recently found in the Kozhikode district in Kerala.
- ❖ It is a zoonotic virus caused by the fruit bats.
- ❖ Human beings can get infected if they come in close contact with the infected animal — bats or other animals such as pigs — or its body fluids such as saliva or urine.
- ❖ The initial jump of the virus from animal to human is known as a 'spill over' event in an outbreak.

- ❖ Once the infection has moved to humans, person-to-person the spread of virus can occur.
- ❖ It can also be transmitted through contaminated food, or directly between people.
- ❖ In India, the outbreaks have so far been limited to West Bengal and Kerala.

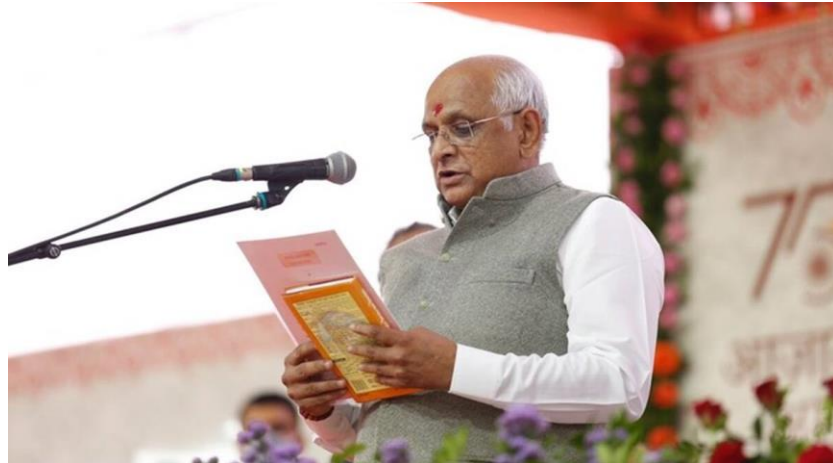
Medicine from the Sky

- ❖ The Civil Aviation Minister Jyotiraditya Scindia launched the 'Medicine from the Sky' project in Vikarabad, Telangana.
- ❖ It is the first such project in India.
- ❖ The project will help deliver medicines and vaccines to remote areas with the help of drones.
- ❖ It is an initiative of the Telangana government in collaboration with the NITI Aayog, World Economic Forum and HealthNet Global.



Gujarat New Chief Minister

- ❖ Senior BJP leader Bhupendra Patel will be the new Chief Minister of Gujarat.
- ❖ Vijay Rupani has become the fourth BJP Chief Minister to resign this year.
- ❖ It is after Karnataka Chief Minister BS Yeddyurappa, Uttarakhand Chief Minister Trivendra Singh Rawat and Assam Chief Minister Sarbanand Sonowal.



Resident Certificate

- ❖ The Ladakh administration has decided to issue “Resident Certificate” only to the Permanent Resident Certificate holders of the region.
- ❖ In Jammu and Kashmir, new domicile laws allowed outsiders too to apply for jobs, land and other facilities.

100 percent vaccination

- ❖ A total of 6 states and union territories (UTs) in India have achieved the milestone of administering the first dose of COVID-19 vaccine to 100 per cent of their eligible adult population.
- ❖ These 6 states and UTs are Himachal Pradesh, Goa, Ladakh, Sikkim, Lakshadweep, Daman & Diu, and Dadar and Nagar Haveli.
- ❖ Goa has become the second state in India to complete 100% covid vaccination of the first dose for all its eligible residents.
- ❖ Himachal Pradesh was the first state to achieve this feat.
- ❖ The Nilgiris became the first district in Tamil Nadu to achieve 100% coverage of the first dose.

Renewable energy in India

- ❖ India recently crossed the 100-gigawatt (GW) milestone of installed renewable energy capacity.
- ❖ India has a total installed power generation capacity of 383.73 GW.
- ❖ The Indian renewable energy sector is the fourth most attractive renewable energy market in the world.

- ❖ India was ranked fifth in wind power, fifth in solar power and fourth in renewable power installed capacity, as of 2019.
- ❖ The installed solar energy capacity stands at 41.09 GW.
- ❖ India is running the world's largest clean energy programme.
- ❖ India has also enhanced its ambition to install 450 GW of renewable energy capacity by 2030.
- ❖ If large hydro is included the installed Renewable Energy capacity increases to 146 GW.
- ❖ It contributes to about 37% of the country's total capacity
- ❖ India's per capita emission is one-third of the world average.

INS Dhruv

EVERYTHING YOU NEED TO KNOW ABOUT

INS DHRUV



India's first satellite and ballistic missile tracking ship

10,000 tonne vessel

Equipped with multiple features that make it a state-of-the-art instrument in modern naval warfare.

FEATURES

- Capability to map ocean sea bed
- Anti-ballistic missile capability
- Active Scanned Array Radar

BENEFITS TO INDIA

1. Key role in Maritime Awareness in the Indo-Pacific region
2. It multiplies India's force in the Maritime Security Architecture
3. State-of-the-art detection facilities
4. It will help to gather more data in the region and lookout for threats
5. Better strategising of Naval warfare on 3 dimensions- sub-surface, surface and aerial

- ❖ India's first nuclear-missile tracking ship, named INS Dhruv, has been commissioned from Visakhapatnam in Andhra Pradesh.

- ❖ The 10,00 tonnes satellite and ballistic missile tracking ship has been built by the Hindustan Shipyard Limited in collaboration with the DRDO and National Technical Research Organisation (NTRO).
- ❖ India now joins an elite list of countries consisting of France, the US, the UK, Russia, and China.

INTERNATIONAL

England – Electric Vehicle Chargers

- ❖ All the newly built homes and offices will require to feature electric vehicle chargers in England.
- ❖ England is the first country in the world in this regard.

WHO SEARO

- ❖ The Seventy Fourth Regional Committee Session of WHO South-East Asia Regional Office (SEARO) was hosted by Nepal.
- ❖ The session focussed on the elimination of measles and rubella by 2023.

Africa Food Prize 2021



- ❖ The ICRISAT got the award for the Tropical Legumes Project that has improved food security across 13 countries in sub-Saharan Africa.
- ❖ The award was given away at the Africa Forum for Green Revolution (AGRF) 2021 Summit in Nairobi.
- ❖ The International Crops Research Institute for the Semi-Arid Tropics (ICRISAT) is based on Hyderabad.

CAFMD

Climate Action and Finance Mobilization Dialogue (CAFMD)



**Mobilize finance and speed
clean energy deployment**

**Demonstrate and scale innovative clean
technologies needed to decarbonize
sectors including industry, transportation,
power, and buildings**

**Build capacity to measure, manage, and
adapt to the risks of climate-related impacts**

- ❖ India and the United States jointly launched the Climate Action and Finance Mobilization Dialogue (CAFMD) of Agenda 2030 Partnership.
- ❖ The US-India Agenda 2030 Partnership was announced by President Joe Biden and Prime Minister Narendra Modi at the Leaders' Summit on Climate in April 2021.

Dosan Ahn Chang

- ❖ The South Korea successfully test-fired its own submarine-launched missile.
- ❖ It is the locally developed 3,000-tonne class submarine ballistic missile.
- ❖ By launching this South Korea become 8th country.
- ❖ It joined with USA, Russia, China, United Kingdom, France and India.



ECONOMY

PM-KUSUM scheme

- ❖ Haryana becomes the first state in the country to install solar pumps.
- ❖ Under the scheme, the solar pumps are being installed in the state with 75% subsidy.
- ❖ The pumps can be installed by farmers for irrigation purpose only.

Millet Mission

- ❖ Chhattisgarh launches 'Millet Mission' for farmers.
- ❖ The Chief Minister Baghel signed MoUs with the Indian Institute of Millet Research (IIMR), Hyderabad in this regard.
- ❖ This initiative will help the state become India's millet hub.
- ❖ The year 2023 will be celebrated as the International Year of Millet.

PMGDISHA

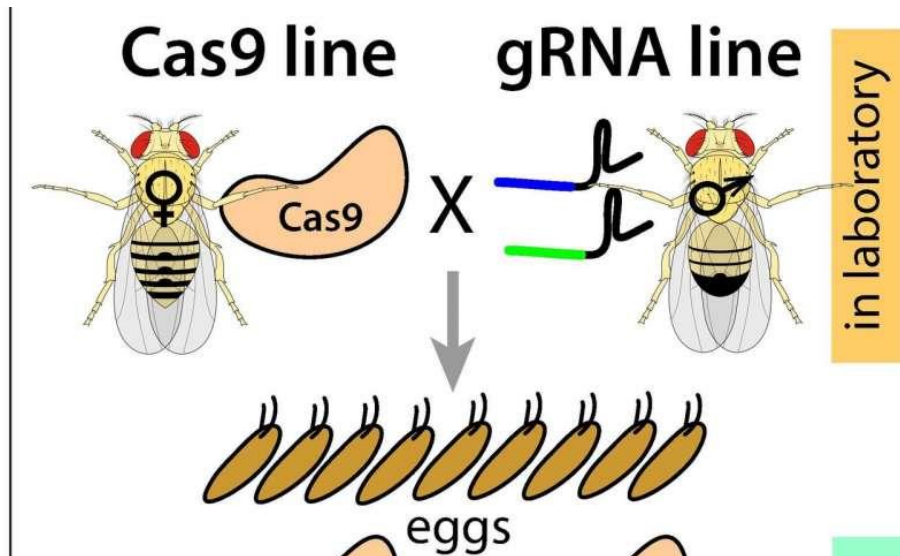
- ❖ The Pradhan Mantri Gramin Digital Saksharta Abhiyan (PMGDISHA) drive for 100% Digital Literacy of all digital villages has been launched under PMGDISHA scheme
- ❖ It is a flagship Digital Literacy scheme of the Government for rural areas.
- ❖ It envisages to make six crore persons in rural areas digitally literate in 2020.
- ❖ It aims to cover one member from every household where there is no digitally literate person.

- ❖ Under the campaign, a three-day certification drive for rural citizens especially women and disadvantaged communities will be conducted.
- ❖ The Common Service Centre (CSC) is also proposed to make all the Digital Villages 100 percent Digital Literate.



SCIENCE AND TECHNOLOGY

pgSIT



- ❖ The Researchers from California have developed CRISPR-based system to safely restrain mosquito vectors via sterilization.
- ❖ pgSIT is a new scalable genetic control system that uses a CRISPR-based approach to engineer deployable mosquitoes that can suppress populations.
- ❖ It alters genes linked to male fertility — creating sterile offspring — and female flight in *Aedes aegypti*.

- ❖ *Aedes aegypti*, the mosquito species, is responsible for spreading wide-ranging diseases including dengue fever, chikungunya, and Zika.
- ❖ CRISPR technology is basically a gene-editing technology that can be used for the purpose of altering genetic expression or changing the genome of an organism.

ENVIRONMENT

Largest Open-Air Fernery



- ❖ India's largest open-air fernery has been inaugurated in Ranikhet of Uttarakhand.
- ❖ It is the country's first open-air fernery in natural surroundings which is not under any poly-house/ shade house.

- ❖ The fernery has the largest collection of fern species, second to only Jawaharlal Nehru Tropical Botanical Garden and Research Institute (TBGRI), Thiruvananthapuram.
- ❖ It has been developed under Central Government's Compensatory Afforestation Management Funds Management and Planning Authority (CAMPA) scheme.

SPORTS

US Open Tennis 2021



- ❖ In the men's category, Daniil Medvedev of Russia has lifted his first Grand Slam trophy after defeating Novak Djokovic of Serbia.
- ❖ In the women's category, Great Britain's tennis player Emma Raducanu defeated Canada's Leylah Annie Fernandez.

