

August - 26

TNPSC BITS

- ❖ Tamil Nadu-based aero tech company Space Zone India has launched three cube satellites designed to monitor and collect data on atmospheric conditions, by using reusable hybrid rocket - Rhumi 1.
- ❖ Parvathaneni Harish appointed as the next Ambassador/ Permanent Representative of India to the United Nations at New York.
- ❖ RBI Governor Shaktikanta Das has received an “A+” rating in the Global Finance Central Banker Report Cards for the second consecutive year.
- ❖ The Paralympic Committee of India has appointed Satya Prakash Sangwan as the Chef de Mission (CMD) of the Indian contingent for the upcoming Paris 2024 Paralympic Games.
- ❖ Indian Defence Minister and External Affairs Minister had held the 2024 edition of the '2+2" dialogue with their Japanese counterparts in New Delhi.
- ❖ The Women's T20 Cricket World Cup 2024 has been moved from Bangladesh to UAE due to safety concerns.
- ❖ The Tamil Nadu government is to install two doppler weather radars, one each in Yercaud and Ramanathapuram, to track cyclones.
 - The existing two radars are installed in Chennai and one each in Karaikal and Sriharikota.

TAMIL NADU

Tamil Nadu investment conclave 2024

- ❖ Chief Minister laid the foundation stone for 28 industrial projects with a collective investment of Rs 51,157 crore.
- ❖ He also inaugurated 19 additional projects with an investment of Rs 17,616 crore, totaling 47 projects.
- ❖ These initiatives are expected to generate the employment for over one lakh individuals.
- ❖ The Singapore-headquartered Sembcorp will invest Rs 36,238 crore for the establishment of a green hydrogen/green ammonia manufacturing unit in Tuticorin district.
- ❖ Renewable energy company Greenko Group will set up pumped storage projects across Tamil Nadu with an investment of Rs 20,114 crore.

- ❖ The government in association with TIDCO and TATA Technologies with establish the Tamil Nadu Engineering and Innovations Centre (TN ENGINE) at Coimbatore with an investment of Rs 400 crore.

தமிழ்நாடு முதலீட்டாளர்கள் மாநாடு
முதலமைச்சர் தொடங்கி வைத்த 19 புதிய திட்டங்கள்

		முதலீடு (கோடி ரூபாய்)	சேவைமையீடு	மாவட்டம்
OMRON	Omron Healthcare	128	88	திருவள்ளூர்
Hi-P	Hi-P	312	700	காஞ்சிபுரம்
Motherson eI	Motherson Electronic	2,600	2,800	காஞ்சிபுரம்
L&T Inovation	L&T Inovation	3,500	40,000	சென்னை
TVS Indeon	TVS Indeon	2,850	800	திருவள்ளூர்
Jurojin Developers	Jurojin Developers	2,000	1,500	காஞ்சிபுரம், திருவள்ளூர்
Renault Nissan Tech	Renault Nissan Tech		2,000	செங்கல்பட்டு
Sundram Fasteners	Sundram Fasteners	1,411	1,577	சென்னை, திருவள்ளூர், திருச்சூர்
ESJAY Pharma	ESJAY Pharma	1,000	1,500	காஞ்சிபுரம், திருப்பூர்
ENES Textile Mills	ENES Textile Mills	1,000	7,000	சென்னை, திருப்பூர்
Caplin Point	Caplin Point	700	1,500	திருவள்ளூர்
WEG Industries	WEG Industries	650	650	கிருஷ்ணகிரி
Milky Mist	Milky Mist	500	3,400	சென்னை
Gurit	Gurit Wind	300	300	காஞ்சிபுரம்
Hibrow Healthcare	Hibrow Healthcare	200	300	காஞ்சிபுரம்
Royal Enfield	Royal Enfield	200	200	திருவள்ளூர், மதுரை
Grupo Cosmos	Grupo Cosmos	100	300	காஞ்சிபுரம்
GP Sulphonates	GP Sulphonates	100	150	திருவள்ளூர்
Motherson Health	Motherson Health	65	203	காஞ்சிபுரம்

திட்டங்கள் - 19 | முதலீடுகள் ₹17,616 கோடி | சேவைமையீடுகள் 64,968

Green policies in energy sector

தமிழ்நாடு திரேற்று புனல் திட்டங்கள் கொள்கை (Pumped Storage Projects) 2024

சிறிய புனல் மின் திட்ட கொள்கை 2024

காற்றாலை மின் உற்பத்தி நிலையங்களுக்கான புதுமீதித் மற்றும் ஆயுள் நீட்டிப்பு கொள்கை 2024

மேற்கண்ட மூன்று கொள்கைகள் வாயிலாக, நமது மாநிலத்தின் மாசற்ற, பசுமை எரிசக்தி அதிகரிக்கப்படுவதுடன், **மாண்புமிகு தமிழ்நாடு முதலமைச்சர் அவர்கள்** நிர்ணயம் செய்துள்ள 2030-ஆம் ஆண்டில் தமிழ்நாட்டின் மின் கட்டமைப்பில் **50% பசுமை மின் உற்பத்தி** என்ற உயரிய இலக்கினை அடைவதற்கும் இக்கொள்கைகள் வழிவகை செய்யும்.

- ❖ The Tamil Nadu government has approved three major power policies on pumped storage projects, small hydel projects, and wind repowering and life extension.
- ❖ This marks the first time such policies are being introduced in the state's energy sector.

- ❖ The state is aiming to boost the green energy sector with a target of setting up renewable energy power plants with a combined capacity of 20,000 MW by 2030.

NATIONAL

AYUSH in Ayushman Bharat scheme

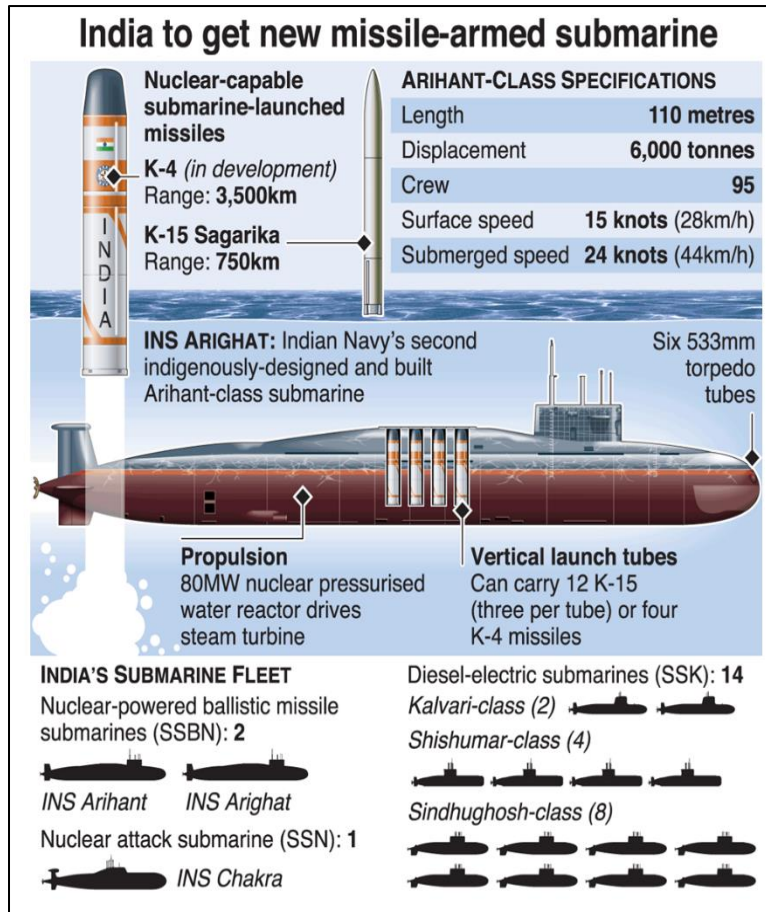
- ❖ The Union Government is working on the inclusion of an AYUSH package under the Ayushman Bharat Pradhan Mantri Jan Arogya Yojana (AB PM-JAY).
- ❖ The term AYUSH stood for Ayurveda, Yoga & Naturopathy, Unani, Siddha and Homeopathy.
- ❖ AB PM-JAY aims to provide the health coverage of ₹5 lakh per family per year for secondary and tertiary care hospitalisation.
- ❖ But public health is a state subject and the primary responsibility to ensure the availability of AYUSH treatment lies with State/UT governments.



INS Arighat

- ❖ India is set to commission its second nuclear-powered submarine armed with nuclear missiles for strategic deterrence.
- ❖ The 6,000-tonne INS Arighat is constructed at the ship-building centre (SBC) at Vizag.
- ❖ The SSBN (naval parlance for nuclear-propelled submarines with nuclear-tipped ballistic missiles) will be commissioned soon.

- ❖ She will then join her sister INS Arihant, which became fully operational in 2018.
- ❖ India aims to have 18 diesel-electric submarines, four SSBNs, and six SSNs to counter threats.

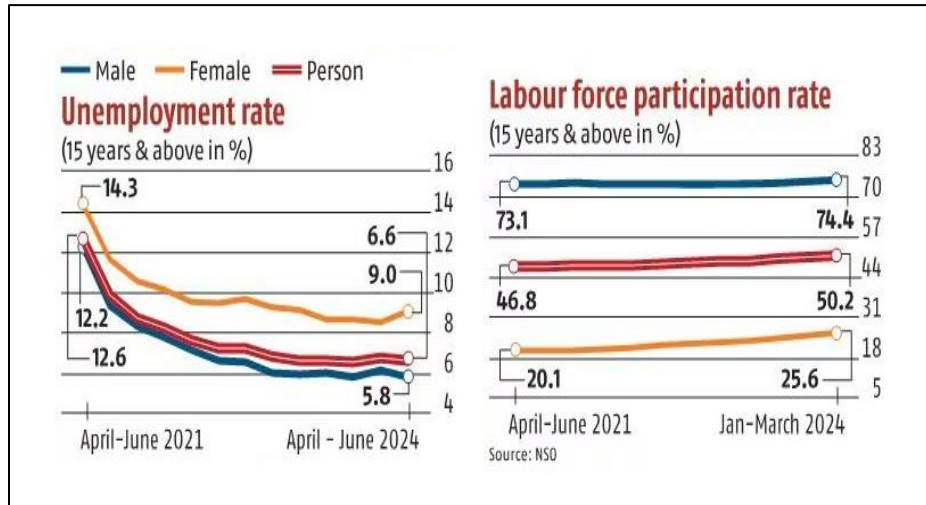


ECONOMY

First quarter urban unemployment 2025

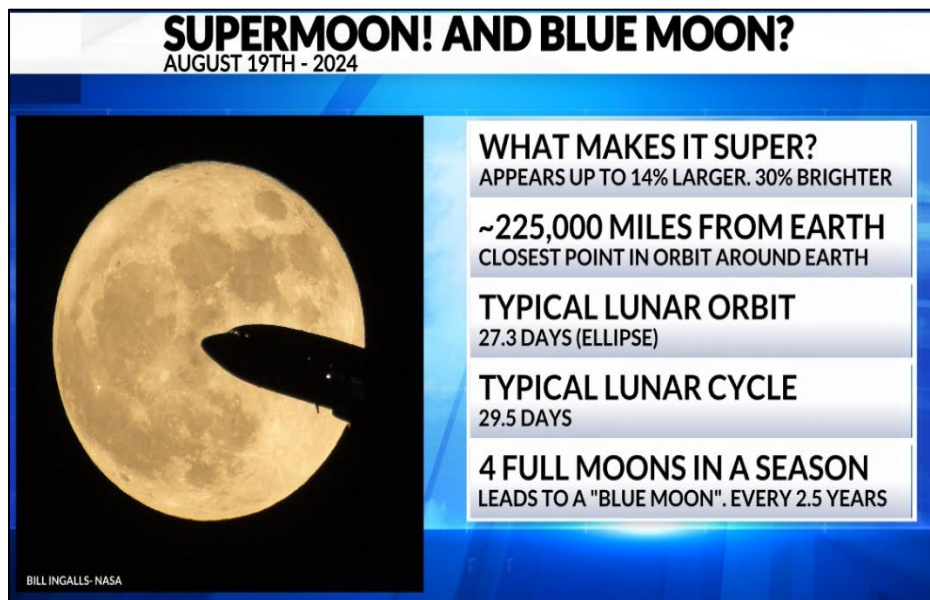
- ❖ The unemployment rate in urban areas for individuals aged 15 years and above was 6.6 per cent in April – June 2024 (Q1 FY25), remaining unchanged from the first quarter of FY24.
- ❖ India's unemployment rate for the quarter ended on June 30 declined from Q4 FY24 when the rate stood at 6.7 per cent.
- ❖ For males, the Unemployment Rate (UR) slightly decreased from 5.9 per cent in the previous year to 5.8 per cent.
- ❖ For females, it marginally declined from 9.1 per cent to 9.0 per cent.

- ❖ From April to June 2023, the UR for males was 5.9 per cent, for females was 9.1 per cent, and overall was 6.6 per cent.



SCIENCE AND TECHNOLOGY

Super Blue Moon 2024

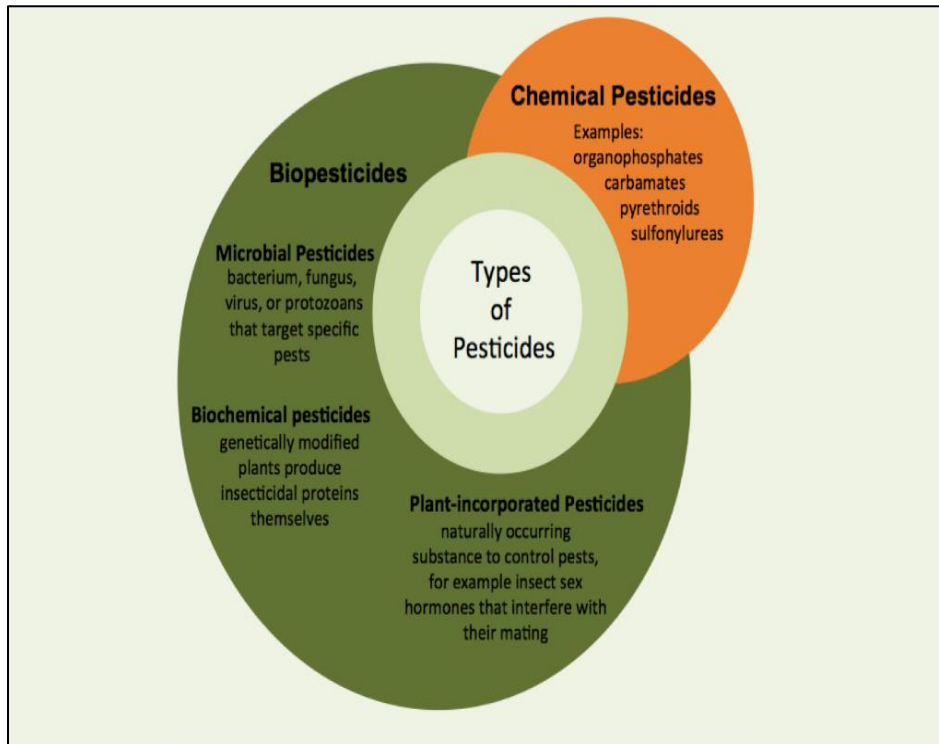


- ❖ It is featured as a unique combination of a supermoon and a Blue Moon, making it an extraordinary celestial event.
- ❖ The term supermoon was introduced by astrologer Richard Nolle in 1979.
- ❖ A supermoon occurs when a full or new Moon coincides with the Moon's closest approach to Earth, known as perigee.

- ❖ This proximity makes the Moon appear larger and brighter than usual.
- ❖ The term “Blue Moon” has historically referred to the third full Moon in a season that has four full Moons, a relatively rare occurrence.
- ❖ The earliest recorded use of the term dates back to 1528.
- ❖ Only about 25% of full Moons are supermoons, and approximately 3% are Blue Moons.
- ❖ The next super Blue Moons are expected in January and March 2037.

STATES

Usage of Chemical pesticides



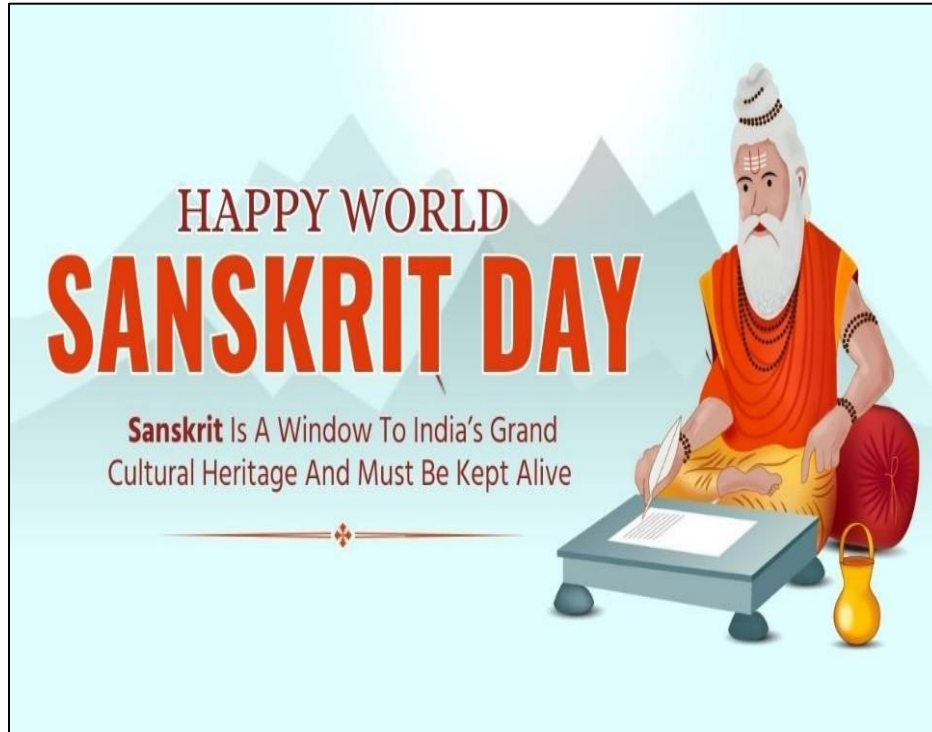
- ❖ Uttar Pradesh with 21.4% share continues to be the country’s biggest user of chemical pesticides.
- ❖ It is followed by Maharashtra (15.7%) and Punjab (9.5%).
- ❖ UP recorded the increase in its bio-pesticide use was even smaller at 3.4 MT (it went from 52.8 to 56.2 MT).
- ❖ Himachal Pradesh has reduced its chemical pesticide consumption by 193 MT (from 470 to 277 MT).

- ❖ It improved its bio-pesticide use marginally, by 0.23 MT (going from 0.37 to 0.60 MT).
- ❖ West Bengal (1,574 MT) was the last financial year's biggest bio-pesticide user.
- ❖ It was followed by Tamil Nadu (957 MT) and Chhattisgarh (787 MT).

IMPORTANT DAYS

World Sanskrit Day 2024 - August 19

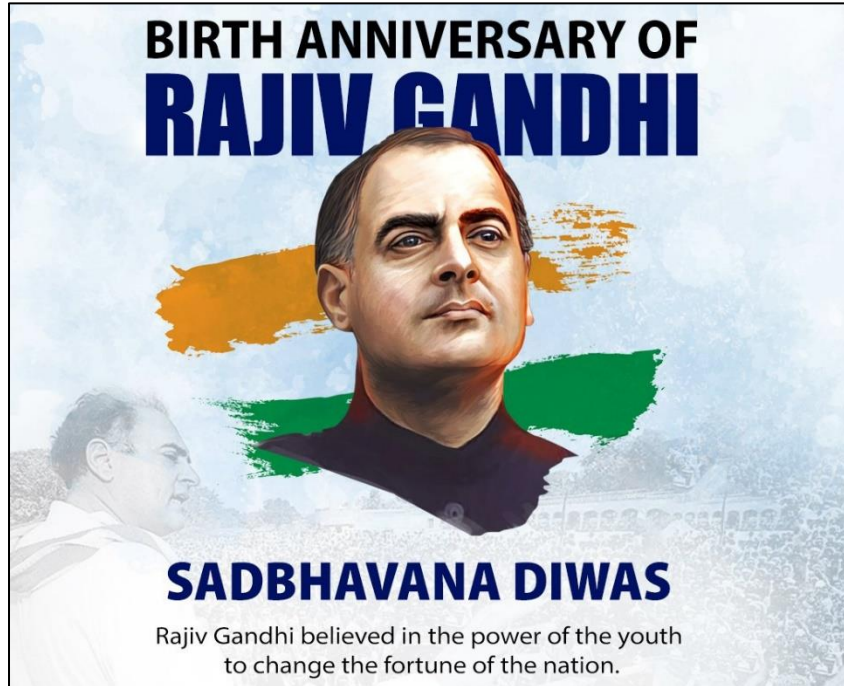
- ❖ In 1969, the Government of India declared this Day to commemorate the 2500th anniversary of the birth of Pāṇini, a Sanskrit grammarian.
- ❖ In 2019, UNESCO declared this day as the International Day.
- ❖ Pāṇini is considered the father of Sanskrit grammar.
- ❖ His work, the Ashtadhyayi, is a comprehensive treatise on Sanskrit grammar that is still used today.
- ❖ The theme of 2024 is 'Vedic Heritage and Tradition'.



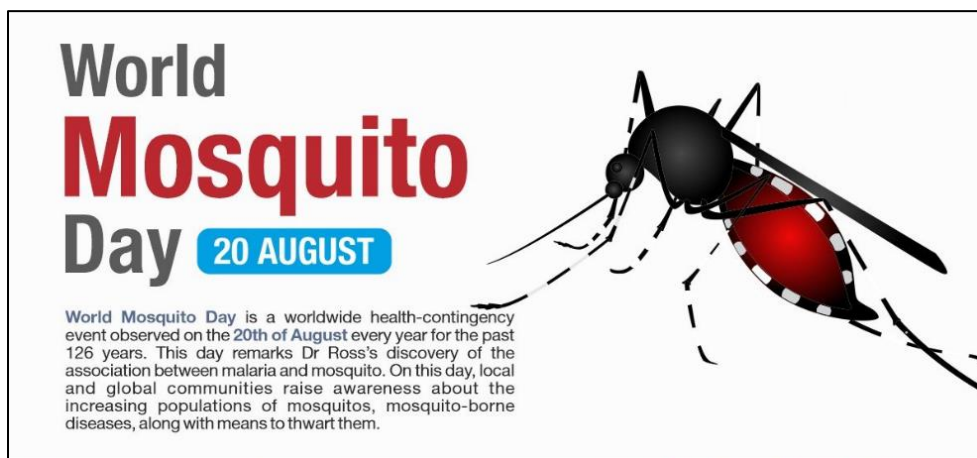
Harmony Day or Sadbhavana Diwas – August 20

- ❖ This day is dedicated to promoting the peace, harmony, and goodwill among all citizens of India.

- ❖ It commemorates the youngest Prime Minister, Rajiv Gandhi's birth anniversary.
- ❖ He was known for his forward-thinking and modern approach to governance.
- ❖ He served as the sixth Prime Minister of India from 1984 to 1991.



World Mosquito Day 2024 - August 20



- ❖ This day aims to raise the awareness about the various diseases mosquitoes can transmit, such as malaria, yellow fever, dengue, and chikungunya.
- ❖ On August 20, 1897, Sir Ronald Ross made a groundbreaking discovery when he found the malaria parasite in the stomach of a female Anopheles mosquito.

- ❖ The theme for 2024 will be "Accelerating the fight against malaria for a more equitable world".

World Senior citizen Day 2024 - August 21

- ❖ It aims to acknowledge the contributions of senior citizens and to raise awareness about the issues they face globally.
- ❖ The celebration took place for the first time in 1991.
- ❖ It was officially founded by the former President of the United States of America, Ronald Reagan.
- ❖ India's elderly population is expected to reach 193.4 million by 2031.

