November - 17

TNPSC BITS

- Kutch Copper Limited (KCL), a subsidiary of Adani Enterprises Limited, became the first Indian producer to receive Veramark Assurance (formerly Copper Mark certification) and operates a large copper smelter at Mundra, Gujarat.
- The fifth edition of Exercise Sea Vigil-26, India's largest biennial national-level coastal defence and maritime security exercise, is being conducted with the Indian Navy as the lead coordinating agency.
- Manipur celebrated Ningol Chakouba, a social festival primarily observed by the Meitei community to strengthen family bonds.
    - Married daughters, known as Ningols, visit their parental homes with their children for a traditional feast and exchange of gifts; the festival is observed on the second day of the new moon in the Manipuri month of Hiyangei.
- Panjagutta Police Station in Hyderabad, Telangana, is set to become India's first Artificial Intelligence (AI)-powered police station, with a pilot launch planned for the first week of December 2026.
- The three-day Leitlangpui Music Festival 2026 was held from 11 to 13 November at Lena Stadium, Serkawn, Lunglei, Mizoram, to promote tourism, support local businesses and strengthen the local economy through cultural events.
- The 12th edition of Mitra Shakti-2026, an annual bilateral military exercise between the Indian Army and the Sri Lanka Army, began in Sri Lanka.
- AIIMS, New Delhi, performed India's first open fetal surgery to repair a severe spinal defect in an unborn baby at 25 weeks of pregnancy.

TAMIL NADU NEWS

Tamil Nadu Investment Promotion Commission – 1st meeting

- The Tamil Nadu Investment Promotion Commission (TNIPC) held its first meeting under the chairmanship of Chief Secretary.
- It was constituted on 3 November 2026 under Section 16A of the Tamil Nadu Business Facilitation Act, 2018.
- Tamil Nadu aims to increase its exports from $59 billion to $72 billion and become a $1.5 trillion economy by 2036.
- Since May 2026, the government has signed 112 Memoranda of Understanding (MoUs) worth over ₹1.14 lakh crore and 83 MoUs have progressed to land allotment and beyond.

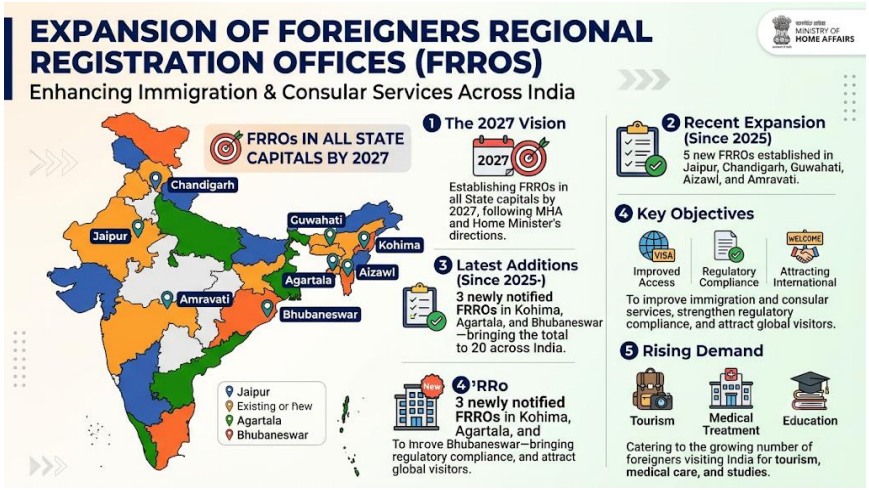
- The Commission reviewed preparations for the New Industrial Policy 2027 and directed departments to process applications under the amended Business Facilitation Act within 21 days.
- The Commission will focus on projects involving investments of ₹200 crore and above, generating 5,000 or more jobs, and requiring coordination between departments.

TN Investment Promotion Commission reviews MoUs worth Rs 1.14 lakh crore; seeks Rs 1,600 crore additional subsidy

The Tamil Nadu Investment Promotion Commission (TNIPC), at its first meeting, reviewed the progress of investment projects worth over Rs 1.14 lakh crore and discussed measures to accelerate industrial development, simplify business approvals and boost exports. The commission noted that Rs 2,000 crore in industrial subsidy had been disbursed during the past six months, compared with the annual disbursement of Rs 1,700 crore earlier. It sought an additional allocation of Rs 1,600 crore to extend subsidies to new projects arising from MoUs.

NATIONAL NEWS

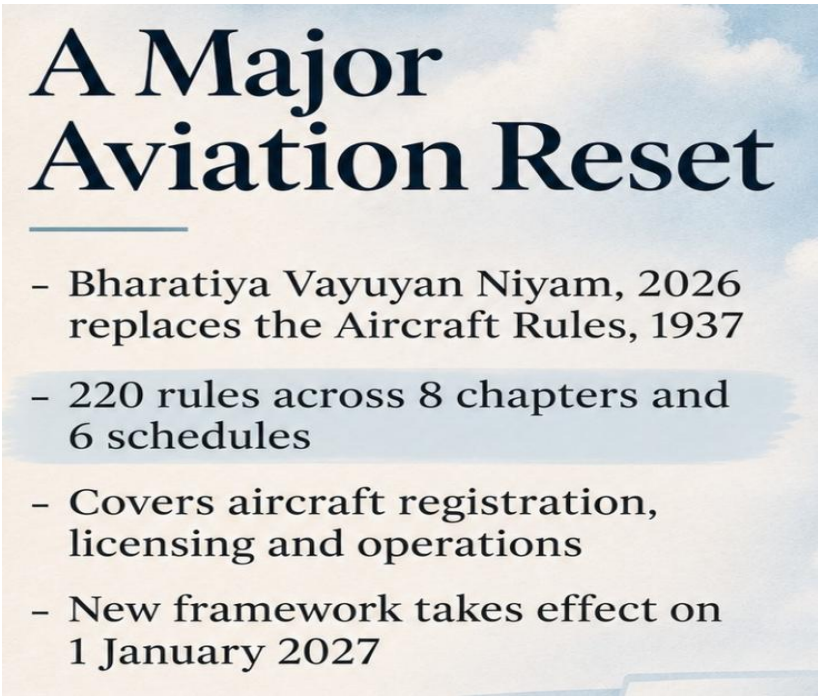
Foreigners Regional Registration Offices (FRROs) Expansion



- The Ministry of Home Affairs (MHA) plans to establish Foreigners Regional Registration Offices (FRROs) in all State capitals by 2027, following directions from Union Home Minister.

- Since 2025, five new FRROs have been established in Jaipur (Rajasthan), Chandigarh, Guwahati (Assam), Aizawl (Mizoram) and Amravati (Andhra Pradesh).
- Three more FRROs have been notified in Kohima (Nagaland), Agartala (Tripura) and Bhubaneswar (Odisha), taking the total number of FRROs to 20.
- The expansion aims to improve access to immigration and consular services, strengthen regulatory compliance and attract international visitors.
- The move addresses the increasing number of foreigners visiting India for tourism, medical treatment and education.

New Civil Aviation Rules 2026



- The Central Government notified the Bharatiya Vayuyan Niyam, 2026, replacing the colonial-era Aircraft Rules, 1937; the new rules will come into effect on 1 January 2027.
- The rules provide a regulatory framework for aircraft registration, manufacturing, safety certification, maintenance, flight operations, personnel licensing and airport operations.
- Airlines operating scheduled air services must determine fares based on factors such as operating costs and submit tariff details to the Directorate General of Civil Aviation (DGCA).
- Airlines must publish airfare details on their official websites and other digital platforms to ensure greater transparency.

- The Central Government can issue written directions on airfares during extraordinary situations in the public interest, while the DGCA will continue to monitor airline tariffs.

Annual Survey of Industries (ASI) 2024–25

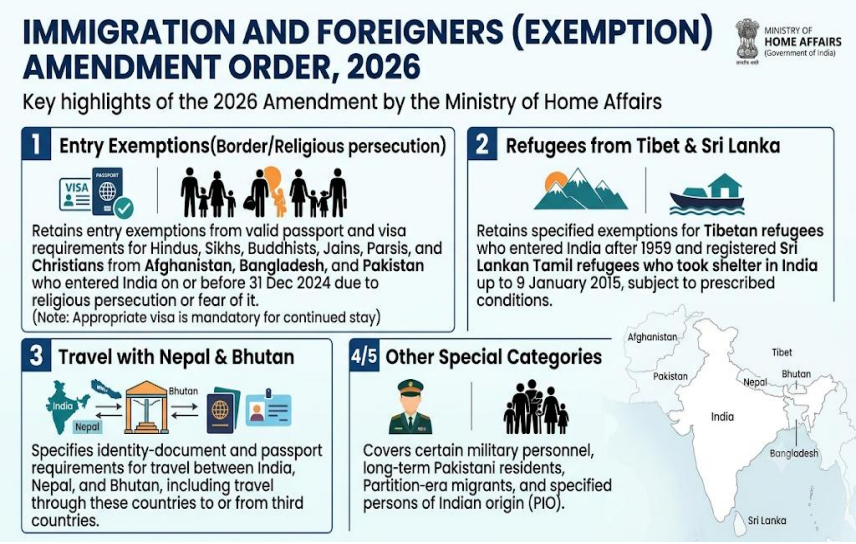
- The Ministry of Statistics and Programme Implementation (MoSPI) released the detailed results of the Annual Survey of Industries (ASI) 2024–25, covering the financial year April 2024 to March 2025.
- Maharashtra, Gujarat, Tamil Nadu, Karnataka and Uttar Pradesh together contributed over 54% of India's total manufacturing Gross Value Added (GVA) in 2024–25.
- The manufacturing corporate sector recorded 9.28% growth in GVA, while net value added per operating factory increased by 6.59% over the previous year.
- The top five industries—Food Products, Textiles, Basic Metals, Motor Vehicles and Wearing Apparel—contributed over 41% of India's total manufacturing employment.
- The survey provides data on factories, capital investment, production, employment and value addition in India's registered manufacturing sector.



Immigration and Foreigners (Exemption) Amendment Order, 2026

- The Ministry of Home Affairs (MHA) notified the Immigration and Foreigners (Exemption) (Amendment) Order, 2026, amending the 2025 Order under the Immigration and Foreigners Act, 2025.

- It retains entry exemptions from valid passport and visa requirements for Hindus, Sikhs, Buddhists, Jains, Parsis and Christians from Afghanistan, Bangladesh and Pakistan who entered India on or before 31 December 2024 due to religious persecution or fear of persecution. However, an appropriate visa is mandatory for their continued stay.
- The Order also retains specified exemptions for Tibetan refugees who entered India after 1959 and registered Sri Lankan Tamil refugees who took shelter in India up to 9 January 2015, subject to prescribed conditions.
- It specifies identity-document and passport requirements for travel between India, Nepal and Bhutan, including travel through these countries to or from third countries.
- It also covers certain military personnel, long-term Pakistani residents, Partition-era migrants and specified persons of Indian origin.



SCIENCE AND TECHNOLOGY NEWS

Voyager 1's New Milestone

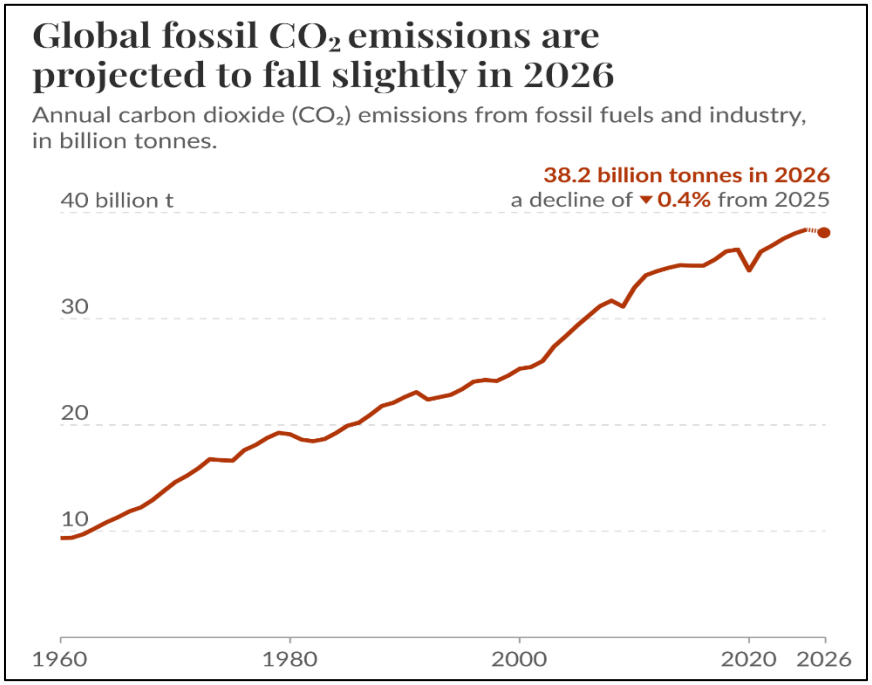
- NASA's Voyager 1 spacecraft is about to become the first human-made object to reach a distance of one light-day from Earth.
- One light-day is the distance light travels in 24 hours, equal to about 26 billion kilometres.
- Voyager 1 was launched by the National Aeronautics and Space Administration (NASA) on 5 September 1977 to study the outer planets and their surroundings.
- It visited Jupiter in 1979 and Saturn in 1980 before continuing its journey into interstellar space, the region beyond the Sun's influence.

- Voyager 1 entered interstellar space in 2012 and is currently travelling farther away from the Solar System.
- NASA estimates that it will take another 18,000 years to travel one light-year, while reaching a distance close to another star would take much longer.



ENVIRONMENT NEWS

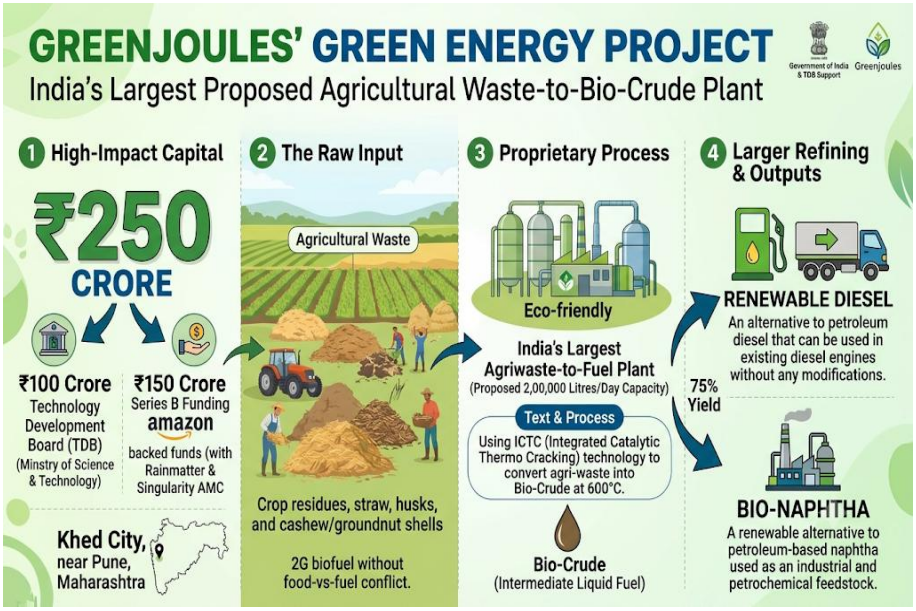
Global Carbon Emissions 2026



- According to the Global Carbon Project, global carbon dioxide (CO_2) emissions from fossil fuels are expected to reach 42.2 billion tonnes in 2026, a 0.4% decrease from 2025.

- The decline is mainly due to energy supply disruptions caused by the Iran war and the closure of the Strait of Hormuz, rather than progress in clean energy.
- Oil emissions fell by nearly 2%, natural gas emissions by 0.3%, while coal emissions increased by 0.6%.
- India's fossil fuel emissions increased by 4.4%, while emissions in China, the United States, Europe and Japan declined by about 1% each.
- Overall global CO_2 emissions, including land-use changes such as deforestation and peat fires, increased by 1%.
- This was the third decline in global fossil fuel carbon emissions in the 21st century; the earlier declines occurred during the 2009 global recession and the 2020 COVID-19 pandemic.

Green Energy Project



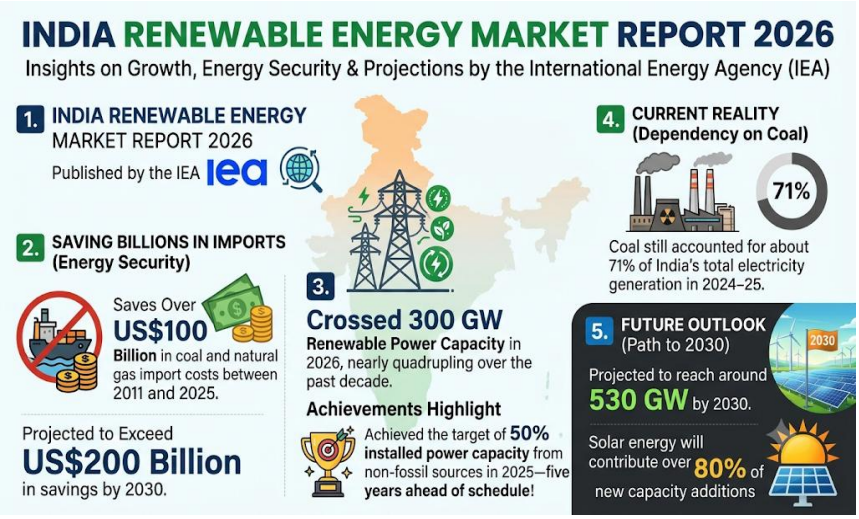
- Greenjoules raised ₹250 crore to establish India's largest proposed agricultural waste-to-bio-crude plant at Khed City near Pune, Maharashtra.
- The funding includes ₹100 crore from the Technology Development Board (TDB) and ₹150 crore through a Series B funding round led by Amazon-backed funds, with Rainmatter and Singularity AMC also participating.
- The plant will use agricultural waste such as crop residues, straw and husks as raw materials and process them into bio-crude, an intermediate liquid fuel.
- The bio-crude will be further processed into renewable diesel, an alternative to petroleum-based diesel that can be used in diesel engines.

- It will also produce bio-naphtha, a renewable alternative to petroleum-based naphtha used as an industrial and petrochemical feedstock.

REPORTS AND INDICES

India Renewable Energy Market Report 2026

- The International Energy Agency (IEA) released the India Renewable Energy Market Report 2026, highlighting India's renewable energy growth and energy security benefits.
- India's renewable energy expansion helped save over US$100 billion in coal and natural gas import costs between 2011 and 2025.
- Savings are projected to exceed US$200 billion by 2030.
- India's renewable power capacity has crossed 300 GW in 2026, nearly quadrupling over the past decade.
- India achieved its target of 50% installed power capacity from non-fossil sources in 2025, five years ahead of schedule.
- Despite this progress, coal accounted for about 71% of India's total electricity generation in 2024–25.
- The report projects India's renewable power capacity to reach around 530 GW by 2030, with solar energy contributing over 80% of the new capacity additions.



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