

December - 04

TNPSC BITS

- ❖ The 60th All India Conference of Directors General of Police (DGP) and Inspectors General of Police (IGP) was held in Raipur, Chhattisgarh, under the theme “Viksit Bharat: Security Dimensions”.
- ❖ India produced a record 357 million tonnes of foodgrains in 2025, marking an increase of 100 million tonnes over the past decade.
- ❖ Meghalaya held its first Northeast India Organic Week to promote organic farming in the region.
 - It also hosted the 4th IFOAM (International Federation of Organic Agriculture Movements) World Organic Youth Summit to encourage youth involvement in organic farming.
- ❖ BSF Raising Day is observed on 1 December each year to honour the Border Security Force.
 - It was established in 1965 to protect India’s borders and ensure national security.

TAMIL NADU NEWS

New GI tags for Tamil Nadu



- ❖ Five products from Tamil Nadu — Woraiyur cotton sari, Kavindapadi nattu sakkarai (jaggery powder), Namakkal makkal pathirangal (soapstone cookware),

the traditional Thooyamalli rice variety and Ambasamudram choppu saman (wooden toys) — have secured the Geographical Indications (GI) tag.

- ❖ With this, Tamil Nadu now has 74 products with GI tags.
- ❖ Kavindapadi in Erode district is a major supplier of jaggery powder in Tamil Nadu.
- ❖ Thooyamalli, is a traditional sambha-season rice variety grown over 135 - 140 days.

Karikiyoor Rock Art Documentation

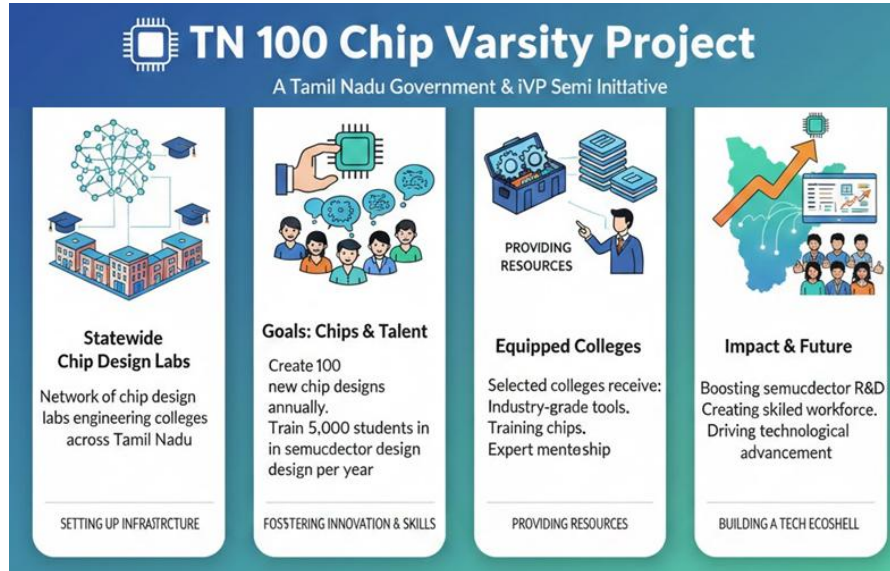
- ❖ The Tamil Nadu State Archaeology Department will soon release a book documenting the Karikiyoor rock art site in Kil Kotagiri.
- ❖ The announcement was made during the release of another book titled “The Nilgiris Archaeology” in Udthagamandalam.
- ❖ It was curated by Yaakai Heritage Trust.
- ❖ The new book is part of a four-year documentation project on rock paintings in Tamil Nadu.
- ❖ The project records rock art, burial sites, dolmens, hero stones, sculptures and inscriptions across the State.



TN 100 Chip Varsity Project

- ❖ The Tamil Nadu government and iVP Semi (Integrated Vector Processors Semiconductor) have launched the ‘TN 100 Chip Varsity’ project.
- ❖ The programme will set up a Statewide network of chip design labs inside engineering colleges.

- ❖ It aims to create 100 new chip designs and train 5,000 students in semiconductor design every year.
- ❖ Selected colleges will receive industry-grade tools, training chips, and expert mentorship.



NATIONAL NEWS

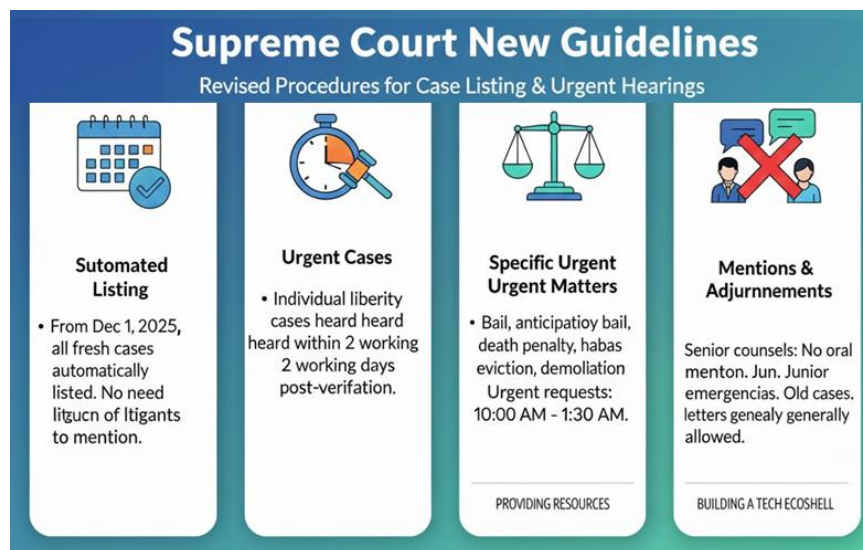
National Urban Conclave 2025

National Urban Conclave
08 - 09 November 2025
Yashobhoomi (India International Convention & Expo Centre), New Delhi

- ❖ The National Urban Conclave 2025 was held in New Delhi to promote sustainable urban development under the Viksit Bharat 2047 vision.
- ❖ The Dumpsite Remediation Accelerator Programme (DRAP) started to clean city dumps.
- ❖ It aims to remove 8.8 crore metric tonnes of old waste by September 2026.

- ❖ Swachh Bharat Mission – Knowledge Management Unit (KMU) set up at the National Institute of Urban Affairs (NIUA) for capacity building and knowledge sharing.
- ❖ Centre for Public Policy on Habitat and Housing to be established at National Institute of Urban Affairs (NIUA) to support affordable urban housing through policy and data initiatives.
- ❖ IIRS Sankalan App, a GIS-based mobile application, was launched by the Indian Institute of Remote Sensing (IIRS) for faster urban surveys.
- ❖ The Urban Invest Window (UiWIN) will be led by Housing and Urban Development Corporation (HUDCO) to attract private and multilateral financing for sustainable urban projects.
- ❖ Hill & Himalayan Cities Fund, Rs 1,000 crore under Swachh Bharat Mission–Urban 2.0, aims to improve the waste management in fragile hill and Himalayan cities.

Supreme Court New Guidelines



- ❖ From December 1, 2025, all fresh cases will be listed automatically for a hearing.
- ❖ No need for litigants to mention their cases for listing.
- ❖ Urgent cases involving individual liberty will be heard within 2 working days after verification.
- ❖ For bail, anticipatory bail, death penalty, habeas corpus, eviction/dispossession, and demolition cases, urgent requests can be made between 10:00 am and 10:30 am.
- ❖ Senior counsels cannot make oral mention; junior counsels can do so in emergencies.

- ❖ Adjournment letters for old cases are generally not allowed to reduce pendency.

Chanakya Defence Dialogue 2025

- ❖ Chanakya Defence Dialogue 2025 was held in New Delhi.
- ❖ Theme of the event was “Reform to Transform: Sashakt, Surakshit aur Viksit Bharat” (Empowered, Secure and Developed India).
- ❖ The aim is to discuss defence reforms, technological innovation, indigenisation, and strategic self-reliance for India.
- ❖ The dialogue announced a roadmap to modernize the Indian Army by 2047.
- ❖ HOP 2032 focuses on immediate upgrades and readiness for conventional threats.
- ❖ STEP 2037 adds advanced tech like AI, cyber warfare, and networked operations.
- ❖ JUMP 2047 aims for full modernization, multi-domain superiority, and strategic autonomy.
- ❖ Focus areas included multi-domain warfare preparedness, AI and cyber capabilities, civil-military cooperation, and faster defence procurement.



India's Population Shift

- ❖ According to the Indian Association for the Study of Population (IASP), India's population is expected to stabilise by 2080 at about 1.8 to 1.9 billion.
- ❖ The Total Fertility Rate (TFR) has dropped from 3.5 in 2000 to 1.9 in 2025, which is below the replacement level of 2.1.
- ❖ Higher development, better education, and increased female literacy have helped reduce the fertility rate.
- ❖ States such as Kerala and West Bengal now have very low fertility levels, with TFRs of about 1.5 and 1.3.

- ❖ Life expectancy is rising and creating a larger elderly population that needs more care.



INTERNATIONAL NEWS

ITPGRFA Session



- ❖ The 11th session of the Governing Body of the International Treaty on Plant Genetic Resources for Food and Agriculture (ITPGRFA) concluded in Lima, Peru.

- ❖ The Multilateral System (MLS) governs access and benefit-sharing of 35 major food crops and 29 forage crops, making up about 80% of the world's plant-based diet.
- ❖ The session discussed adopting a revised Standard Material Transfer Agreement (SMTA) to regulate the exchange of plant genetic material and ensure fair sharing of commercial benefits.
- ❖ The ITPGRFA was adopted by the Food and Agriculture Organization (FAO) in 2001 and came into force in 2004.
- ❖ It is the first legally binding international treaty dedicated to crop genetic diversity and has 154 countries and the European Union as members.

SCIENCE AND TECHNOLOGY NEWS

Turkish Kızılelma Drone

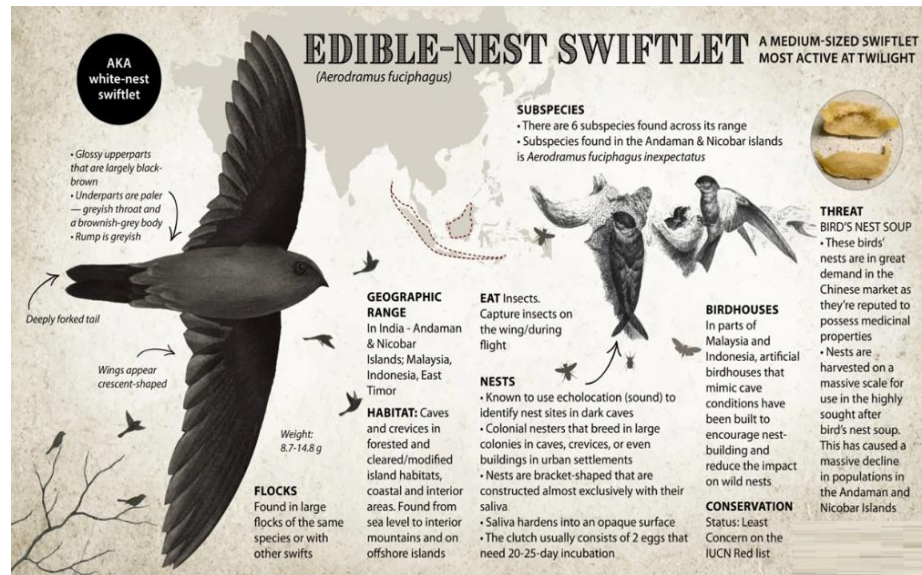


- ❖ Turkey's Kızılelma unmanned aerial vehicle (UAV) became the world's first drone to shoot down an aircraft using a beyond-visual-range (BVR) missile.
- ❖ The UAV fired the indigenous GÖKDOĞAN BVR missile during the test.
- ❖ Kızılelma detected and tracked the target using the MURAD Active Electronically Scanned Array (AESA) radar.
- ❖ The demonstration was the first verified long-range air-to-air combat by an uncrewed fighter jet.

ENVIRONMENT NEWS

Indian Edible-Nest Swiftlet

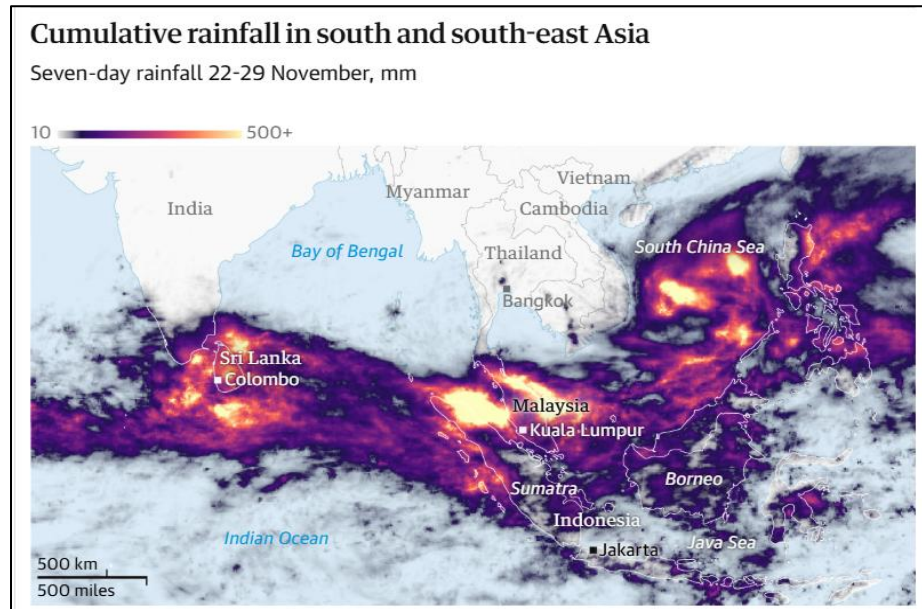
- ❖ The Indian swiftlet (*Aerodramus unicolor*) was recently spotted at the Adyar Estuary in Chennai.
- ❖ It is found in Sri Lanka and southwest India, mainly in Maharashtra, Goa, Karnataka, Kerala, and Tamil Nadu.
- ❖ Its conservation status in the IUCN, is Least Concern.



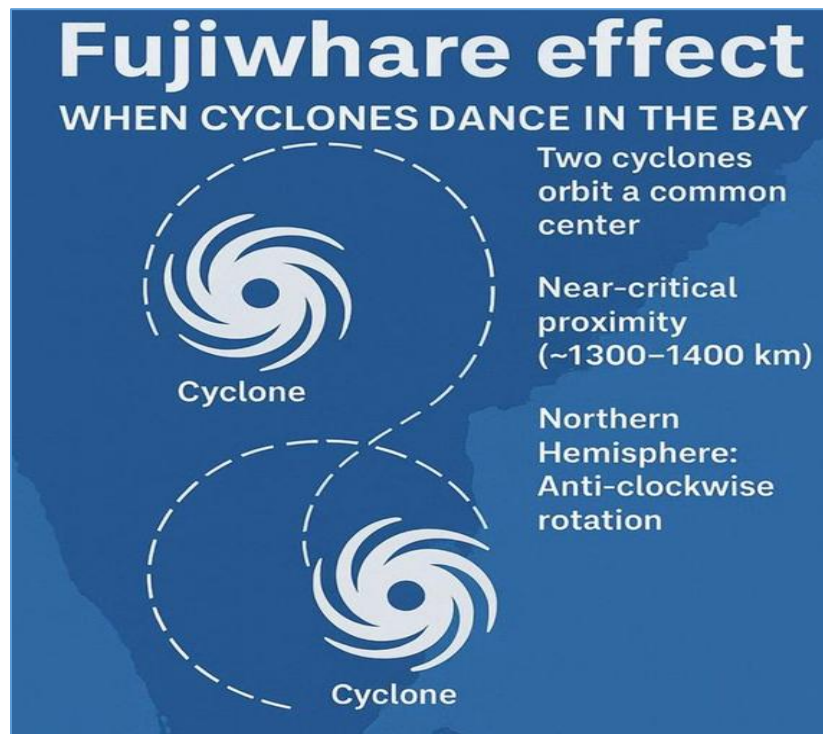
Monsoon Floods in Southeast Asia

- ❖ Heavy monsoon rains in Indonesia, Sri Lanka, Thailand, and Malaysia caused widespread floods and landslides, killing at least 1,100 people.
- ❖ Indonesia was the worst affected, with over 600 deaths and hundreds reported missing.
- ❖ Monsoons are natural weather phenomena, but their effects can be worsened by climate change, which increases the intensity of rainfall and storms.
- ❖ Monsoons are seasonal wind patterns that bring heavy rainfall to affected regions.
- ❖ In November 2025, tropical cyclones combined with monsoon rains caused severe floods and landslides in Indonesia, Sri Lanka, Thailand, Malaysia, and Vietnam.
- ❖ Cyclone Senyar formed just north of the equator in the Strait of Malacca, a rare event for this region.
- ❖ Typhoon Koto caused flash floods in the Philippines before reaching Vietnam, and Cyclone Ditwah hit Sri Lanka.

- ❖ Tropical cyclones are powerful spinning storms with strong winds and rain; they are called hurricanes in the Caribbean/North America, typhoons in East Asia, and cyclones in the Indian Ocean.
- ❖ Human-caused climate change is making these storms more intense, producing heavier rainfall and stronger cyclones.



Bay of Bengal Cyclone Interaction



- ❖ Two cyclonic storms are forming in the Bay of Bengal (Indian Ocean).
- ❖ The Fujiwhara Effect is when two nearby cyclones rotate around a common centre.
- ❖ It happens mostly when storms are within 1,400 kilometres and rotate in the same direction (counter-clockwise in the Northern Hemisphere).
- ❖ Interaction can cause the cyclones to merge, intensify, slow down, or change paths.
- ❖ Prolonged interaction increases rainfall and flood risk in Tamil Nadu, Andhra Pradesh, Odisha, West Bengal, Sri Lanka, and Myanmar.

STATES' NEWS

Dao and Yak Churpi



- ❖ Arunachal Pradesh's traditional blade Dao and highland cheese Yak Churpi received the Geographical Indication (GI) tag in November 2025.
- ❖ Dao is handcrafted by tribal artisans using traditional forging methods and represents cultural identity and craftsmanship.

- ❖ Yak Churpi is a dairy product made from indigenous Arunachali Yak milk, mainly in West Kameng and Tawang districts, with a dense texture, high nutrition, and long shelf-life.
- ❖ Arunachal Pradesh has about 20 GI-tagged items so far and aims to reach 50 by 2030.

PERSONALITIES, AWARDS, AND EVENTS

Kamla Bhasin Award 2025

- ❖ Mohana Sundari, an auto driver from Chennai, won the Kamla Bhasin Award (South Asia) 2025 for promoting gender equality.
- ❖ She is the first recipient from Tamil Nadu and received the award in Kathmandu, Nepal.
- ❖ The award is instituted by The Azad Foundation, National Foundation for India, and iPartner India.
- ❖ Mohana is the President of Veera Pengal Munnetra Sangam (VPMS), a cooperative of over 600 women auto drivers.
- ❖ VPMS supports women drivers, many of whom are single parents, with financial stability, emergency funds, and access to schemes like ESI (Employees' State Insurance) and PF (Provident Fund).



WorldSkills Asia Competition 2025

- ❖ India participated for the first time in the World Skills Asia Competition (WSAC) 2025.

- ❖ The competition promotes excellence in Technical and Vocational Education and Training (TVET) across Asia.
- ❖ WSAC 2025 was held in Chinese Taipei and included 44 skills like robotics, web technology, and industrial design.
- ❖ India ranked 8th overall among 29 participating nations.
- ❖ India won 1 Silver, 2 Bronze medals, and 3 Medallions for Excellence.



IMPORTANT DAYS

Nagaland Statehood Day 2025 - December 01

- ❖ Nagaland became the 16th state of India on 1 December 1963 after the State of Nagaland Act (1962).
- ❖ It is located in Northeast India and borders Arunachal Pradesh, Assam, Manipur, and Myanmar.
- ❖ The capital city of Nagaland is Kohima.
- ❖ Nagaland has 16 major tribes, including Konyak, Ao, Sema, and Angami.



World AIDS Day 2025 - December 01



- ❖ HIV (Human Immunodeficiency Virus) is a virus that attacks the body's immune system, especially the CD4 cells that help fight infections.
- ❖ The day was first celebrated in 1988 as the world's first global health day.
- ❖ The aim is to promote prevention, testing, treatment, and to support people living with HIV.



- ❖ The theme for 2025 is Overcoming disruption, transforming the AIDS response.
- ❖ In 2024, about 40.8 million people were living with HIV and 1.3 million acquired HIV.

