

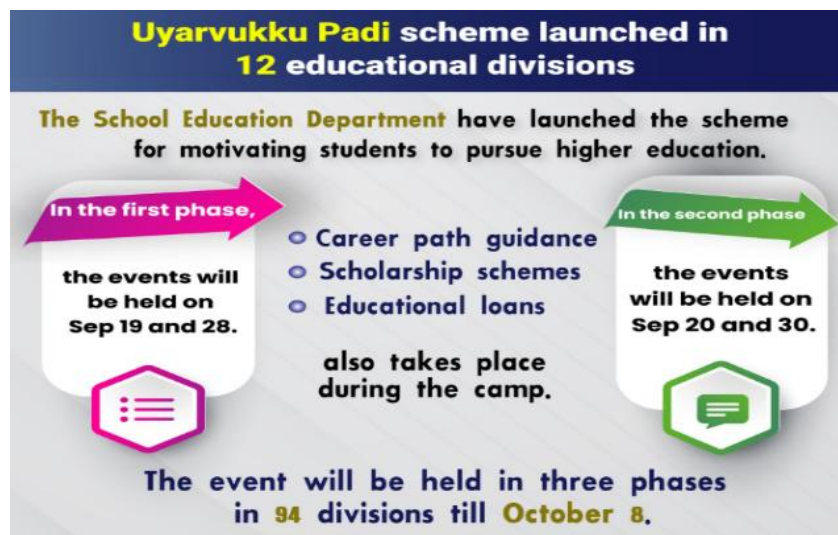
July - 11

TNPSC BITS

- ❖ V. Vedhachalam, a well-known epigraphist and archaeologist, has been honoured with the Tamil Wikki Suran Award.
- ❖ The Tamil Nadu State Department of Archaeology (TNSDA) has dispatched 23 charcoal samples, excavated from seven archaeological sites, to the Beta Analytic laboratory in the United States for Accelerator Mass Spectrometry (AMS) dating.
- ❖ Haryana is building Asia's largest jungle safari in the Aravalli Hills to boost green tourism and wildlife conservation.
- ❖ At the 17th BRICS Summit in Rio de Janeiro, the leaders signed a comprehensive declaration with 126 commitments to advance global governance, peace, security, and reform.
 - The summit was themed as "Peace and Security and Reform of the Global Governance".

TAMIL NADU NEWS

Uyavukku Padi scheme



- ❖ Uyavukku Padi scheme has enabled 77,752 students to secure admission into higher education institutions.
- ❖ Over 41.38 lakh students and nearly 1 lakh teachers have been trained under the Naan Mudhalvan skill development initiative.

- ❖ Kalloori Kanavu initiative has benefited over 1.87 lakh students since 2022, including 81,149 in the year 2025–26.
- ❖ A total of 29 government engineering colleges were equipped with the skill and employment centres at ₹30.17 crore.

Four Reports of Planning Commission 2025 – Tamilnadu

- ❖ The State Planning Commission has submitted four detailed reports on various subjects to Chief Minister.
- ❖ They are
 - Mapping Mines in Tamil Nadu — Assessing their Restoration Potential'
 - Child Nutrition — Key Challenges and Strategies
 - Urban Growth and Thermal Stress: A Decadal Assessment of Built-up Area and Climate Interactions in Tamil Nadu.
 - Work for Nature-based Solutions for Enhanced Urban Resilience in Tier 2 Cities of Tamil Nadu - Framework Report.



மாநில திட்டக் குழுவின் 4 புதிய அறிக்கைகள்

மாண்புமிகு தமிழ்நாடு முதலமைச்சர்
திரு. **மு.க.ஸ்டாலின்**
அவர்களுக்கு

மாண்புமிகு துணை முதலமைச்சர்
திரு. **உதயநிதி ஸ்டாலின்**

மற்றும் மாநில திட்டக் குழுவின் செயல் துணைத் தலைவர் முனைவர் ஜி. ஜெயரஞ்சன் ஆகியோர்

தமிழ்நாடு மாநில திட்டக் குழுவால் தயாரிக்கப்பட்ட 4 முக்கிய அறிக்கைகளை வழங்கினார்கள்:

- சுரங்கங்களின் மறுசீரமைப்பு சாத்திய வகைகள்
- குழந்தைகளின் ஊட்டச்சத்து: சவால்கள் மற்றும் தீர்வுகள்
- இரண்டாம் நிலை நகரங்களில் மீள்தன்மை தீர்வுகள் (NbS)
- நகர்ப்புற வளர்ச்சி மற்றும் காலநிலைத் தாக்கம் மதிப்பீடு

INTERNATIONAL NEWS

3,500-Year-Old City Penico – Peru

- ❖ The Researchers unveiled the ancient city of Penico in Peru's Barranca province, dating back to 3,500 years.
- ❖ Penico served as a strategic trading hub connecting the Pacific coast communities with the Andes and the Amazon basin.

- ❖ The site features 18 structures, including the ceremonial temples and residential complexes with artifacts like clay sculptures and bead necklaces.
- ❖ Penico is linked to the Caral civilization, the oldest known in the Americas.
- ❖ It thrived 5,000 years ago in Peru's Supe valley.



Colombia and Uzbekistan in NDB



- ❖ Colombia and Uzbekistan have now officially joined the New Development Bank (NDB).
- ❖ This expanded NDB's membership to 11 countries.



- ❖ The NDB now includes Brazil, Russia, India, China, South Africa, Bangladesh, UAE, Egypt, Algeria, Colombia, and Uzbekistan.
- ❖ NDB aims to support infrastructure and sustainable development in BRICS and other emerging markets.
- ❖ The bank was established in 2015 by the BRICS nations to mobilize funding for development projects.

SCIENCE AND TECHNOLOGY NEWS

Comet 3I/ATLAS

- ❖ NASA discovers New Interstellar Comet 3I/ATLAS, confirmed by its Hyperbolic Non-Returning Orbit.
- ❖ The Pre-discovery images were found from ATLAS observatories worldwide and Caltech's Zwicky Transient Facility.
- ❖ The comet's trajectory shows it originated from beyond the solar system.
- ❖ It poses no threat to the Earth, remaining no closer than 1.8 astronomical units (about 170 million miles or 270 million kilometers).
- ❖ 3I/ATLAS is only the third known object from the interstellar space, after the Oumuamua and 2I/Borisov.



ENVIRONMENT NEWS

Sewage Problem of Seine River - France

- ❖ Paris reopened the River Seine for public swimming for the first time since 1923 after a century-long sewage pollution issue.

- ❖ The clean-up was driven by preparations for the 2024 Olympic Games, where the river hosted open-water events.
- ❖ The city's old sewage system caused untreated waste to overflow into the river during heavy rains, raising dangerous levels of E coli bacteria.



Pethia dibrugarhensis

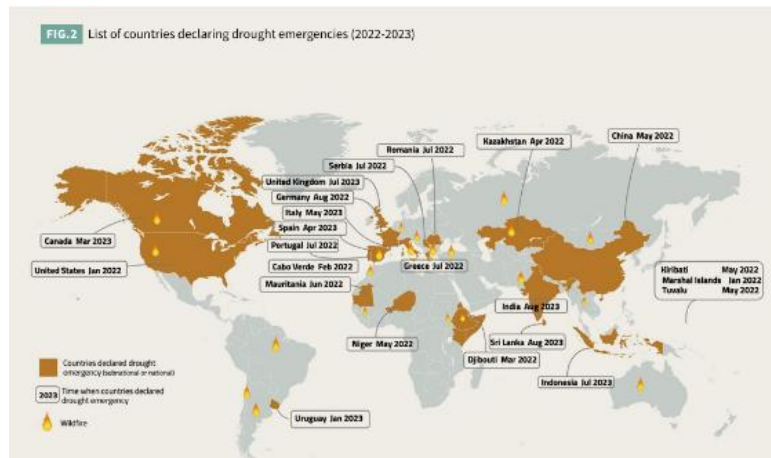


- ❖ A new species of freshwater fish, *Pethia dibrugarhensis*, were identified in the Brahmaputra River near Dibrugarh, Assam.

- ❖ The name is inspired by the location of its very discovery – Dibrugarh district in Assam.
- ❖ The species belongs to the Cyprinidae family.
- ❖ The fish is characterized by a distinctive black spot near its tail that extends slightly upward and downward along the body.

Drought Hotspots of World 2023-2025

- ❖ The United Nations Convention to Combat Desertification (UNCCD) and the United States National Drought Mitigation Centre (NDMC) report highlights the intensifying global drought hotspots from 2023 to 2025.
- ❖ Over 90 million people in Eastern and Southern Africa face acute hunger.
- ❖ Zimbabwe's maize crop losses exceed 70%.
- ❖ Zambia's Zambezi River flow dropped to 20% of its long-term average.
- ❖ Spain's olive oil output fell by 50% over two years, triggering price surges across Europe.
- ❖ Panama Canal drought reduced daily ship transits from 38 to 24.
- ❖ Child marriages are doubled in Ethiopia and mass school dropouts occurred in Zimbabwe, linked to drought.
- ❖ India's river basins like Godavari and Krishna face recurrent drought; food price inflation rises with reduced rice and sugar output.
- ❖ Drought impacts cause the higher farmer distress and migration in Maharashtra, Rajasthan, and Karnataka.



Texas Flash Floods - USA

- ❖ Deadly flash floods hit Texas Hill Country.

- ❖ The floods caused major damage in Kerr County, near San Antonio.
- ❖ A strong storm dropped around 12 inches (30 cm) of rain overnight.
- ❖ The Guadalupe River rose 26 feet (8 meters).



Rainfall drops in Sohra



- ❖ Sohra in Meghalaya, known as the world's wettest place, received only 1,095.4 mm of rain this June.
- ❖ This is one-third of what it got in June last year, which was 3,041.2 mm.
- ❖ The India Meteorological Department (IMD) called this one of the steepest yearly drops in rainfall for the region.

- ❖ Since 2005, Sohra's annual rainfall has ranged between 8,000 mm to 9,000 mm, below the normal 11,000 mm.
- ❖ In 1974, Sohra set a world record with 24,555 mm of rain in one year.
- ❖ The current annual average is now only about a third of that record.

REPORTS AND INDICES

3rd Globally Tracxn Report

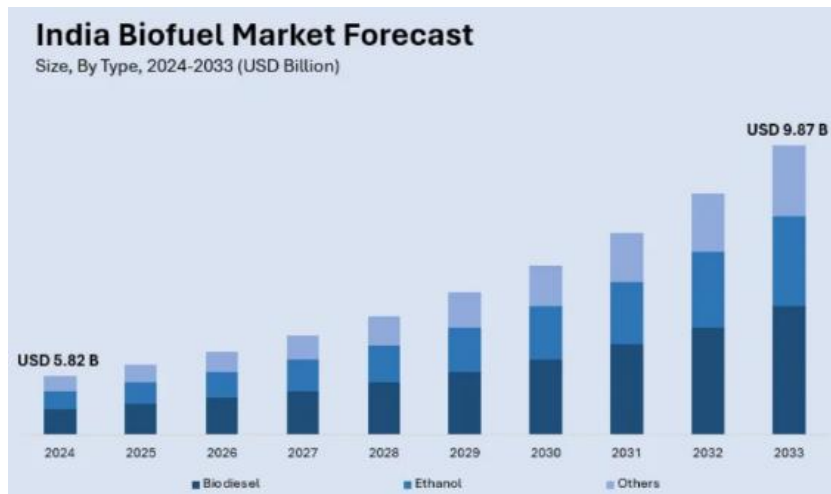


- ❖ India has secured the third position globally in fintech startup funding during the first half (H1) of 2025.
- ❖ The sector raised \$889 million, down 5% from \$936 million in H1 2024 and 26% lower than \$1.2 billion in H2 (second half) of 2024.
- ❖ Bengaluru led with 55% of total funding, followed by Mumbai at 14%.
- ❖ U.S.-based Accel led in overall investment rounds with 34 deals; Blume Ventures added 7 new startups to its portfolio.

Biofuel Users in 2024

- ❖ India has overtaken China in biofuel consumption in 2024, becoming the fourth-largest user globally.
- ❖ The country's biofuel use rose sharply by 40% in one year.
- ❖ Despite higher consumption, India still produces less biofuel than China.

- ❖ The Global demand for biofuels reached a new high, with Asia Pacific leading the growth.
- ❖ Experts warned that fossil fuel use remains high globally, and carbon emissions continued to rise in 2024.



North Eastern Region District SDG Index (2023–24)

State	District	Score	Rank
Mizoram	Hnahthial	81.43	1
Mizoram	Champhai	79.86	2
Tripura	Gomati	78.79	3
Nagaland	Mokokchung	78.43	4
Tripura	West Tripura	77.64	5
Nagaland	Kohima	76.93	6
Tripura	South Tripura	76.71	7
Sikkim	Gangtok	76.64	8
Mizoram	Kolasib	76.50	9
Nagaland	Dimapur	76.29	10

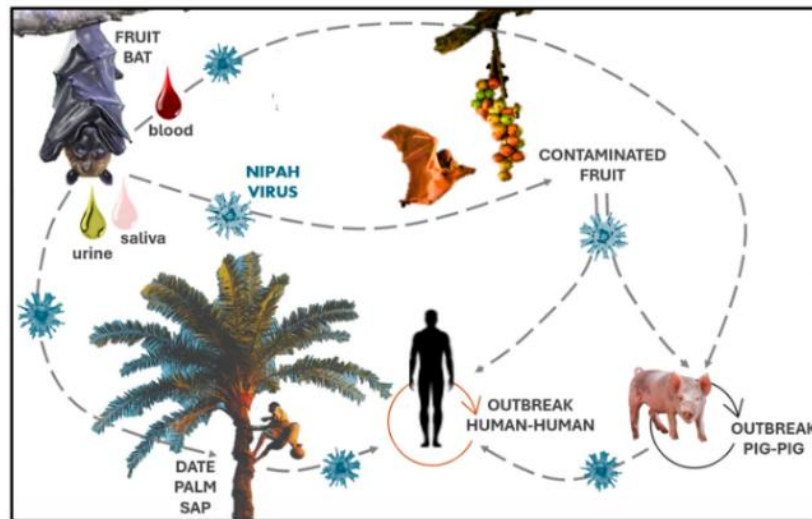
- ❖ The second edition of the North Eastern Region District Sustainable Development Goals (SDG) Index 2023–24 was released by NITI Aayog.
- ❖ The index covers 121 districts across eight North Eastern states, measuring their progress on SDG indicators.
- ❖ About 85% of districts showed an increase in composite scores compared to the previous edition.
- ❖ All districts of Mizoram, Sikkim, and Tripura achieved Front Runner status.
- ❖ Hnahthial in Mizoram is the best-performing district.

- ❖ Longding in Arunachal Pradesh is the lowest-scoring district.
- ❖ Nagaland entered the top 10 performers with 3 of its districts included.
- ❖ Sikkim showed the most consistent performance with the smallest score gap among its districts.
- ❖ Good Health & Well-being saw improved scores in 93 districts across the region.
- ❖ No district in the region scored as Achiever or fell into the Aspirant category.

STATES' NEWS

Nipah virus outbreak 2025

- ❖ Nipah Virus resurfaces in Kerala with two Confirmed Cases.
- ❖ Nipah virus (NiV) primarily spreads from the animals, especially from fruit bats, to humans through contaminated food like fruits or raw date palm sap.
- ❖ The Direct contact with infected animals, such as pigs, is less common in India but remains a possible transmission route.



Smart Mosquito Surveillance System

- ❖ Andhra Pradesh has started a new project called the Smart Mosquito Surveillance System (SMoSS) to control mosquito problems during the rainy season.
- ❖ The project will run in 66 locations across the six cities — Visakhapatnam, Vijayawada, Kakinada, Rajamahendravaram, Nellore, and Kurnool.
- ❖ The system uses Artificial Intelligence (AI), Internet of Things (IoT) sensors, and drones to check the mosquito types, numbers, and the weather conditions like temperature and humidity.

- ❖ Drones will spray the mosquito-killing chemicals faster, using less time, fewer chemicals, and lower costs.
- ❖ A live dashboard will show real-time data to a central system for fast and clear tracking.



Mukhyamantri Vrindavan Gram Yojana



- ❖ The Madhya Pradesh cabinet has approved the Mukhyamantri Vrindavan Gram Yojana to promote self-reliant rural development.
- ❖ One village from each of the assembly constituency, with a minimum population of 2,000 and at least 500 cattle, will be selected under the scheme.



- ❖ These villages will be developed as Vrindavan Grams, serving as models of self-sufficiency and holistic development.
- ❖ The Focus areas include cow rearing, dairy development, organic farming, solar energy, water conservation, high pasture growth, environmental protection, rural entrepreneurship, and infrastructure improvement.

