

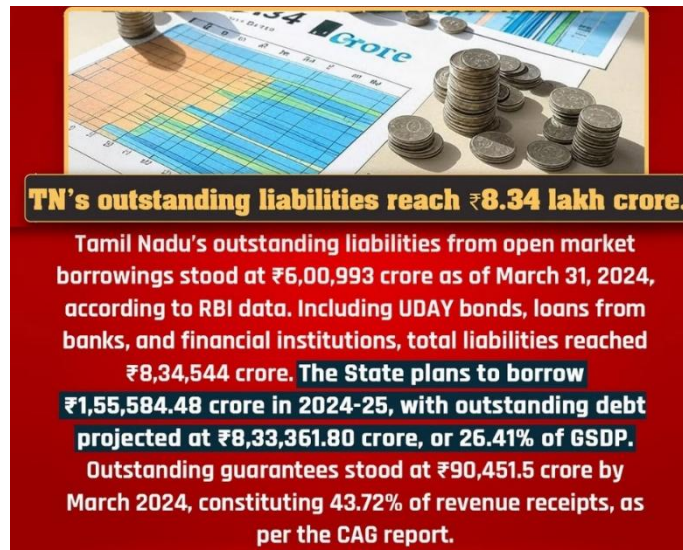
December - 19

TNPSC BITS

- ❖ The Abathsahayeswarar Temple Conservation Project in Thukkatchi, Tamil Nadu, and the BJPCI Conservation Project of Mumbai, Maharashtra have won the UNESCO's Asia-Pacific Awards for Cultural Heritage Conservation 2024.
- ❖ The Researchers tagged a young shortfin mako shark in the Mediterranean Sea, marking the first time this endangered species has been tagged in the region.
- ❖ Manipur commemorated Nupi Lal Numit 2024 to honour the valiant women who fought for justice and freedom during Nupi Lal uprisings of 1904 and 1939.
- ❖ Uttarakhand has hosted the World Ayurveda Congress and Arogya Expo 2024 to promote Ayurveda and explore its integration into modern healthcare systems.
- ❖ The AVPN organized the South Asia Summit 2024 in Chennai under the theme 'New Realities, New Opportunities'.
- ❖ Elon Musk has reached a new financial milestone by becoming the first person to exceed \$400 billion in net worth.
- ❖ France President Emmanuel Macron named Francois Bayrou as prime minister of the country.

TAMIL NADU

Tamil Nadu's outstanding liabilities 2024



- ❖ Tamil Nadu's outstanding liabilities from open market borrowings had stood at ₹6,00,993 crore as on March 31, 2024.

- ❖ The State's overall outstanding liabilities stood at ₹8,34,544 crore at the end of March 31, 2024.
- ❖ As of March 31, 2023, the overall outstanding liabilities for Tamil Nadu was ₹7,41,498 crore.
- ❖ The State's liability on account of interest would be ₹28,263.67 crore.
- ❖ The liability towards principal amount of market loan would be ₹3,75,951.97 crore over the next 10 years (from 2023-24).
- ❖ According to the State budget for 2024-25, the Tamil Nadu government plans to borrow a total of ₹1,55,584.48 crore during 2024-25, and repay ₹49,638.82 crore.
- ❖ As a result, the outstanding debt, as on March 31, 2025, will be ₹8,33,361.80 crore.
- ❖ This constitutes 26.41% of the Gross State Domestic Product (GSDP) in 2024-25.

NATIONAL

India's Women-Owned MSMEs 2024

Number of Women Owned MSMEs		
Financial Year	2020-21 (From 01.07.2020 to 31.03.2021)	Cumulative (till 30.11.2024)
All India	4,87,287	2,20,73,675
Gujarat	37,146	9,12,052
Rajasthan	29,371	8,15,207

- ❖ By November 30th 2024 out of a total of 2,20,73,675, women-owned MSMEs had registered on the Udyam Registration Portal (URP) and Udyam Assist Platform (UAP).
- ❖ In Gujarat, 9,12,052 women-owned MSMEs have registered, while Rajasthan accounts for 8,15,207 registrations.
- ❖ 11,942 registrations in Gujarat's Valsad District, constituting 18.24 per cent of the total MSMEs there.

- ❖ 7,803 registrations in Rajasthan's Tonk and Sawai Madhopur Districts, comprising 13 per cent of their respective totals.
- ❖ Tamil Nadu has 1,926,040 Women Owned MSMEs and it is 43% of total registrations.
- ❖ West Bengal topped with 62% Women Owned MSMEs in the list.

First Green Steel Taxonomy



- ❖ India has unveiled the world's first Taxonomy of the Green Steel aimed at decarbonizing the steel industry.
- ❖ The taxonomy defines green steel standards to support the country's net-zero goals by 2070.
- ❖ The taxonomy introduces a star-rating system to classify green steel based on emission intensity.
- ❖ Five-star green steel is requiring emissions below 1.6 tonnes of CO₂ per tonne of finished steel (tCO₂/tfs).
- ❖ Steel with emissions below 2.2 tCO₂/tfs will qualify for green steel certification.

Women's Workforce Participation in India 2017-2023

- ❖ The Female labour force participation rate (LFPR) increased in almost all states in India during 2017-18 to 2022-23.
- ❖ Bihar, Punjab, and Haryana have consistently reported very low levels of female LFPR.

- ❖ Rural female LFPR rose to 41.5 per cent (~69 per cent growth) from 24.6 per cent during 2017-18 to 2022-23.
- ❖ Urban LFPR rose to 25.4 per cent from 20.4 per cent.

Female Labor Force Metrics (2017-18 vs. 2023-24)		
Metric	2017-18	2023-24
Work Participation Rate (WPR) (%)	22%	40.3%
Labor Force Participation Rate (LFPR) (%)	23.3%	41.7%
Unemployment Rate (%)	5.6%	3.2%

INTERNATIONAL

Stay on 'Joy Bangla' Slogan



'Joy Bangla', Popularised by Sheikh Mujibur Rahman, is no Longer the National Slogan of Bangladesh

- ❖ Bangladesh's Supreme Court has put a hold on a High Court verdict that declared "Joy Bangla" as the country's national slogan.
- ❖ This slogan was popularised by Bangbandhu Sheikh Mujibur Rahman during the birth of Bangladesh.

- ❖ The Bangladesh Bank is also printing new currency notes that feature the July uprising, which refers to the student-led protests that forced Hasina’s exile.
- ❖ Notably, these new notes will not include the image of Sheikh Mujibur Rahman.

Human Rights Milestones of UAE

- ❖ The Union Association for Human Rights (UAHR) commended the UAE for its advancements in human rights.
- ❖ It ranks seventh globally and first regionally in the 2024 Gender Inequality Index.
- ❖ The country also leads the world in the Lack of Labour Disputes Index.
- ❖ In the UAE, education and housing are constitutional rights; health coverage is provided for all; and a social welfare system supports the most vulnerable citizens and residents.
- ❖ Legislation protects against discrimination and guarantees the right to life, security, freedom of belief and religious practice.
- ❖ The constitution also pays the special attention to the rights of children, women, senior citizens, persons with disabilities (people of determination) and other vulnerable groups.

SOCIAL PROTECTION & JUSTICE	LEGAL PROGRESS PAST 5 YEARS
<ul style="list-style-type: none"> ▶ Progress ▶ Health ▶ Education ▶ Social protection ▶ Citizens ▶ Ensuring inclusivity 	<ul style="list-style-type: none"> Domestic Violence Anti discrimination Extremism Children's Rights Elderly Protection Human Trafficking Measures
GLOBAL RECOGNITION	Commitment to Sustainable Development Goals
<p>International Treaties</p> <ul style="list-style-type: none"> ▶ Convention Against Torture 	<p>Health Education Equality Justice</p>

US Birthright Citizenship

- ❖ US President-elect Donald Trump has said he plans to end birthright citizenship in America.



- ❖ The Birthright citizenship is guaranteed under the 14th Amendment of the US Constitution.
- ❖ It means that anyone born within American borders automatically becomes a citizen of the United States.
- ❖ This includes the children of tourists, students studying in American colleges on short-term visas and undocumented immigrants.
- ❖ To implement any changes in the Constitution, administration will require the support of a two-thirds majority in both chambers of Congress-- the Senate and the House of Representatives.
- ❖ In addition to this, the amendment must also be ratified by three-fourths of all state legislatures.
- ❖ In 2019, the Migration Policy Institute estimated that 5.5 million children under age 18 lived with at least one parent in the country illegally in 2019, representing 7% of the U.S. child population.

US Citizenship for US-Born Child

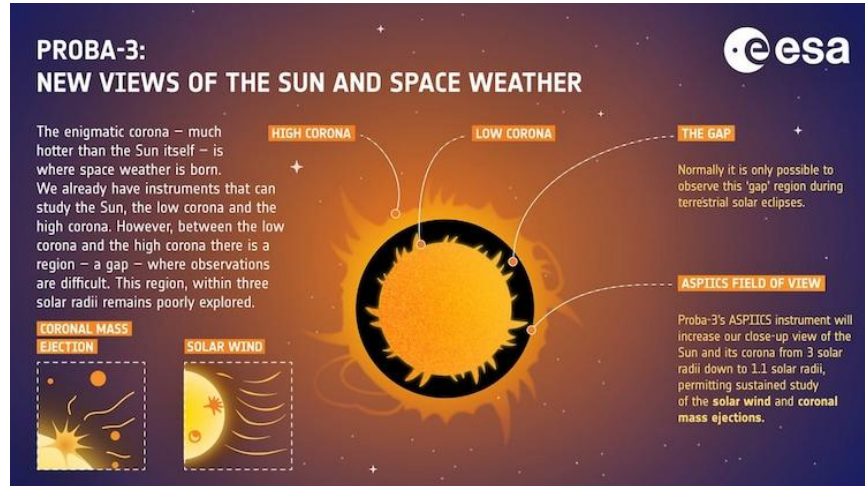
- A child born in the US automatically becomes a **US citizen**. This principle is known as **birthright citizenship**.
- The Indian Embassy allows parents to obtain an Indian passport for their child, but the final decision on citizenship occurs when the child turns **18 years old**.
- It's important to note that parents **cannot renounce** their child's US citizenship on their behalf.

SCIENCE AND TECHNOLOGY

Artificial Solar Eclipse - Proba 3

- ❖ With Proba-3, the European Space Agency creates an artificial solar eclipse by bringing two satellites together instead of waiting for natural solar eclipses.
- ❖ This artificial eclipse will be used to study the sun's outer atmosphere, called the corona.

- ❖ The corona is the sun's outermost layer. It still remains one of the most mysterious parts of our star.
- ❖ Although the sun's surface glows at about 5,500°C, the corona's temperature goes as high as 1-3 million°C.
- ❖ Normally, the corona is visible when it is eclipsed totally during a total solar eclipse because the moon blocks some light from the sun.
- ❖ Unfortunately, these natural phenomena occur rarely and for just short periods.



ENVIRONMENT

5 New Species of Rare Darwin Wasps



- ❖ The Researchers have discovered five new species of the Darwin wasp subfamily Microleptinae (Hymenoptera:Ichneumonidae) from India and Thailand.

- ❖ Darwin wasps are parasitic wasps whose larvae consume their hosts from within.
- ❖ This marks the first documentation of this subfamily in India.
- ❖ The family Ichneumonidae comprises 42 subfamilies, with Microleptinae being one of the smallest.
- ❖ It contains a single genus, *Microleptes*, with 14 previously known species world-wide.
- ❖ Until now, *Microleptes malaisei*, reported from Myanmar in 1998, was the only known species from the Oriental region.
- ❖ Out of the four new species from India, *Microleptes chiani* collected from Kalakad Mundanthurai Tiger Reserve (KMTR), Tamil Nadu.
- ❖ The other 3 species are *Microleptes gowrishankari*, *Microleptes sandeshkaduri* and *Microleptes tehriensis*.

SPORTS

2024 Asia-Pacific Deaf Games



- ❖ India won the highest tally (55) with 8 gold, 18 silver, and 29 bronze medals at the 2024 Asia-Pacific Deaf Games held in Kuala Lumpur.
- ❖ This is India's best performance in the tournament's history since its inception in 1984.
- ❖ Athletics brought in the highest tally with 28 medals – 5 gold, 12 silver, and 11 bronze.

- ❖ 12 players from Tamil Nadu have created a record by collecting 24 medals in total 6 gold, 13 silver and 5 bronze in different sports.

IMPORTANT DAYS

National Energy Conservation Day 2024 - December 14

- ❖ It aims to raise awareness about the importance of energy conservation in daily life.
- ❖ The Bureau of Energy Efficiency (BEE), under the Ministry of Power, is tasked with promoting and regulating energy efficiency and conservation in India.
- ❖ During this year observation, National Energy Conservation Awards were given in various categories
- ❖ Tamil Nadu Newsprint and Papers Ltd has won award in Paper & Pulp industry category.
- ❖ SMR Automotive Systems India Ltd, Kancheepuram has won award in the Plastic industry category.
- ❖ Taj Club House and The Residency, Chennai got the Certificate of Merit in Hotel sectors of Building category.
- ❖ SBOA School & Junior College, Chennai (Tamil Nadu) got Appreciation prize in National Painting Competition on Energy Conservation 2024.

