

August - 11

TNPSC BITS

- ❖ The 12th edition of the Defence Expo, India's flagship exhibition on Land, Naval and Homeland Security systems, will be held in Gandhinagar, Gujarat.
 - The theme for this edition is 'Path to Pride'.

TAMIL NADU

Closing ceremony of Chess Olympiad



- ❖ The Grand Closing ceremony of the 44th Chess Olympiad held at the Jawaharlal Nehru Indoor Stadium, Chennai.
- ❖ The international chess event was held at Sheraton Mamallapuram Resort and Convention Centre near Chennai.
- ❖ The event witnessed players from across the globe representing 187 countries competing on 700 boards.
- ❖ The next edition of the FIDE Chess Olympiad will be held at Budapest, Hungary in September 2024.
- ❖ Manuel Aaron, the 86-year-old Grandmaster from Chennai who was India's first International Master, is felicitated by Tamil Nadu Chief Minister.
- ❖ A total of 17 Indians has won medals in the 44th Chess Olympiad.
- ❖ This includes 2 individual gold, 1 silver, 4 bronze each and 10 bronze for teams.
- ❖ In the open category, Uzbekistan, Armenia and India B teams won gold, silver and bronze respectively.



- ❖ India B team, consists of Praggnanandhaa, Gukesh, Nihal, Raunak and Adhiban.
- ❖ In the women's category, Ukraine, Georgia and India A team won gold, silver and bronze respectively.
- ❖ In the Indian Women's A team, Harika Dronavalli, Koneru Hampi, R. Vaishali, Bhakti Kulkarni and Tanya Sachdev were included.
- ❖ In the individual medals, awarded based on the success and rating of the players, the Indian young players Gukesh and Nihal Sareen won gold.
- ❖ A team player Arjun Erikaisi won silver and B team player Praggnanandhaa won bronze.
- ❖ Tanya Sachdev, Divya Deshmukh and R. Vaishali won bronze in women's category.

NATIONAL

Energy Conservation (Amendment) Bill 2022

Key objectives of Energy Conservation (Amendment) Bill 2022

Enhance the scope of Energy Conservation
Building Code

Bring large residential buildings within the fold of
Energy Conservation regime

Establish Carbon Markets

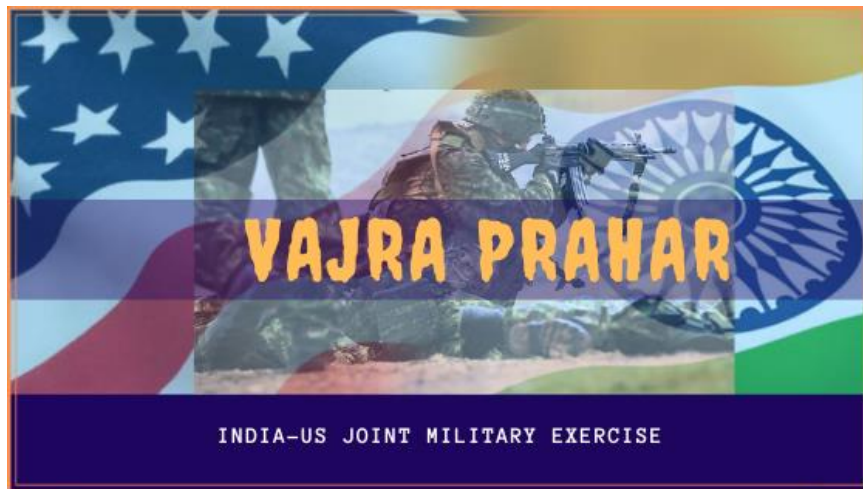
Increase members in the governing council of
Bureau of Energy Efficiency

Empower the State Electricity Regulatory
Commissions to make regulations for smooth

- ❖ Lok Sabha passed the Energy Conservation Amendment Bill 2022.
- ❖ The bill is aimed at reducing the use of fossil fuel-based energy and promoting the use of non-fossil sources of energy.
- ❖ The Bill will allow the central government to use non-fossil energy sources as sources of fuel to meet the energy needs of the country.
- ❖ It including Green Hydrogen and Biomass Ethanol.

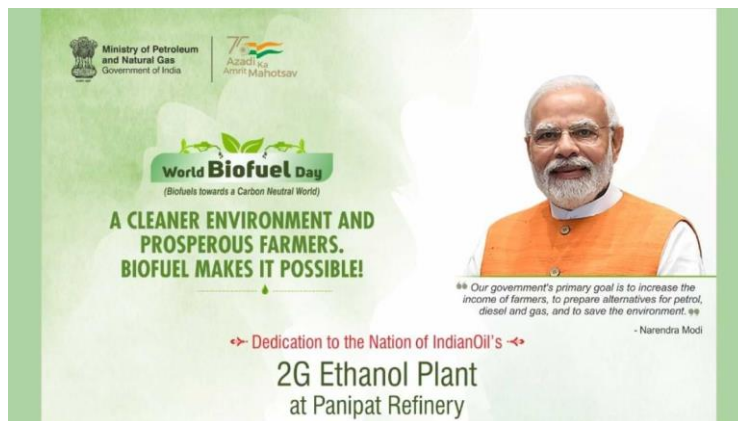
- ❖ The key objective of the Bill is reducing the country's fossil fuel power consumption.
- ❖ The secondary objective is to develop India's Carbon market to enable trade and boost the adoption of clean technology and improvement in power efficiency.

Ex Vajra Prahar 2022



- ❖ The 13th Edition of the Indo-US Joint Special Forces exercise “Ex Vajra Prahar 2022” commenced at Himachal Pradesh.
- ❖ It aims to share best practices and experiences in areas such as joint mission planning and operational tactics.
- ❖ Also, it improves inter-operability between the Special Forces of both the Nations.
- ❖ This annual exercise is hosted alternatively between India and the United States.

2G Ethanol Plant



- ❖ Prime Minister inaugurated second generation (2G) ethanol plant in Haryana's Panipat.
- ❖ Based on indigenous technology, the project will utilise about two lakh tonnes of rice straw annually to generate around three crore litres of ethanol annually.
- ❖ The project will contribute to a reduction of greenhouse gases equivalent to about 3 lakh tonnes of carbon dioxide equivalent emissions per annum

INTERNATIONAL

ASEAN 55th Anniversary



- ❖ August 2022 marks an important occasion of the 55th anniversary of ASEAN.
- ❖ ASEAN stands for Association of Southeast Asian Nations.
- ❖ The theme of this year's ASEAN Day is "Stronger Together".
- ❖ The year 2022 also marks the 30th Anniversary of ASEAN-India Dialogue Relations.
- ❖ 2022 is the 10th anniversary of India's Strategic Partnership with ASEAN.
- ❖ ASEAN was established on 8 August 1967 in Bangkok, Thailand.
- ❖ It was the result of the signing of the ASEAN Declaration (Bangkok Declaration).
- ❖ The motto of ASEAN is "One Vision, One Identity, One Community".

- ❖ The founding members are - Indonesia, Malaysia, the Philippines, Singapore and Thailand.
- ❖ Currently it has 10 member countries.
- ❖ ASEAN Plus Three includes - China, South Korea, and Japan.
- ❖ ASEAN Plus Six includes - ASEAN Plus Three as well as India, Australia, and New Zealand.

ENVIRONMENT

Portulaca oleracea

- ❖ A common weed, Portulaca oleracea, is commonly known as purslane.
- ❖ It offers important clues about creating drought-tolerant crops in a world beset by climate change.
- ❖ This plant integrates two distinct metabolic pathways in order to create a novel type of photosynthesis.
- ❖ This photosynthesis enables it to endure droughts, while also remaining highly productive.
- ❖ This is a very rare combination of traits and has created a kind of 'super plant'.

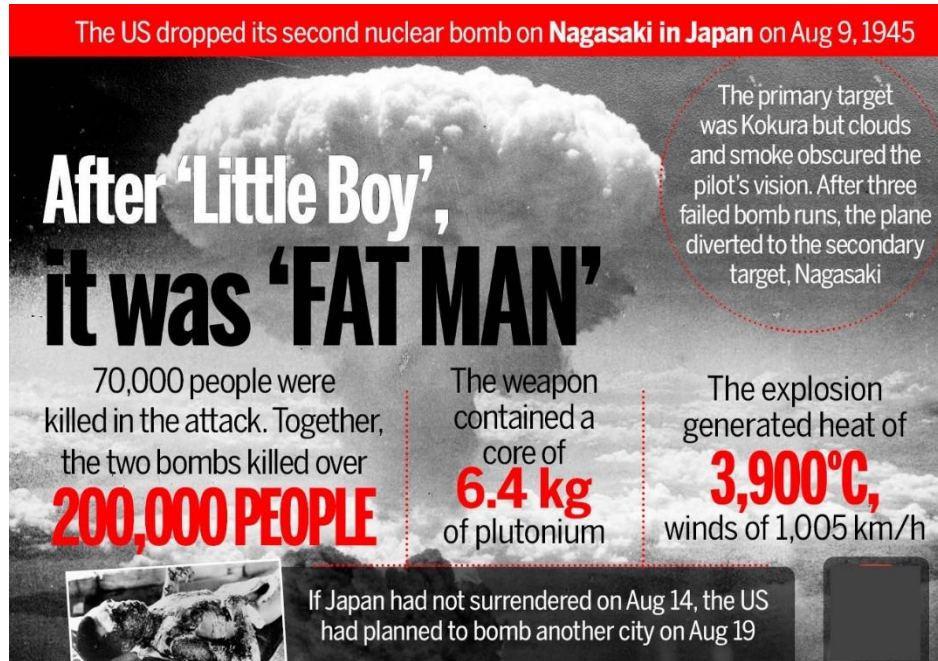


IMPORTANT DAYS

Nagasaki Day – August 09

- ❖ On August 9, 1945, the United States dropped an atomic bomb on Nagasaki, Japan.

- ❖ It was code-named “Fat Man” due to the design of the bomb as it had a wide, round shape.
- ❖ On August 9, 1945, a US B-29 bomber dropped an atomic bomb on the city, killing nearly 20,000 people.
- ❖ The year 2022 will mark the 77th anniversary of the incident.



The US dropped its second nuclear bomb on **Nagasaki in Japan** on Aug 9, 1945

After ‘Little Boy’, it was ‘FAT MAN’

The primary target was Kokura but clouds and smoke obscured the pilot’s vision. After three failed bomb runs, the plane diverted to the secondary target, Nagasaki

70,000 people were killed in the attack. Together, the two bombs killed over **200,000 PEOPLE**

The weapon contained a core of **6.4 kg** of plutonium

The explosion generated heat of **3,900°C**, winds of 1,005 km/h

If Japan had not surrendered on Aug 14, the US had planned to bomb another city on Aug 19

International Day of the World’s Indigenous Peoples – August 09




2022 VIRTUAL COMMEMORATION

International Day of the World's Indigenous Peoples

“ROLE OF INDIGENOUS WOMEN IN THE PRESERVATION AND TRANSMISSION OF TRADITIONAL KNOWLEDGE”

📅 9 AUG 2022 ⌚ 9-1030 AM EST

 #WEAREINDIGENOUS

 **United Nations** | Department of Economic and Social Affairs

- ❖ It aims to recognise the first UN Working Group on Indigenous Populations meeting in Geneva in 1982.



- ❖ Over 476 million indigenous peoples living in 90 countries across the world and accounting for 6.2 percent of the global population.
- ❖ On December 21, 1993, the UNGA had declared December 10, 1994 as the start of the International Decade of the World's Indigenous People.
- ❖ 1993 was also announced as the International Year of the World's Indigenous People.
- ❖ The theme of the day is the 'Role of Indigenous Women in the Preservation and Transmission of Traditional Knowledge'.

MISCELLANEOUS

Center of Excellence for Vegetables



- ❖ The Union Minister of Agriculture and Farmers Welfare Narendra Singh Tomar, laid the foundation stone of the Indo-Israel Center of Excellence for Vegetables in Chandauli, Uttar Pradesh.
- ❖ Israeli experts are providing the Center's technology as part of the India-Israel Action Plan.
- ❖ Mission for Integrated Development of Horticulture is funding the construction of the Center's infrastructure for demonstration purposes.
- ❖ Centres of Excellence are being set up in the States based on Israeli technologies.
- ❖ These Centers of Excellence act as demonstration and training centers for the latest technologies in the field of Horticulture.

