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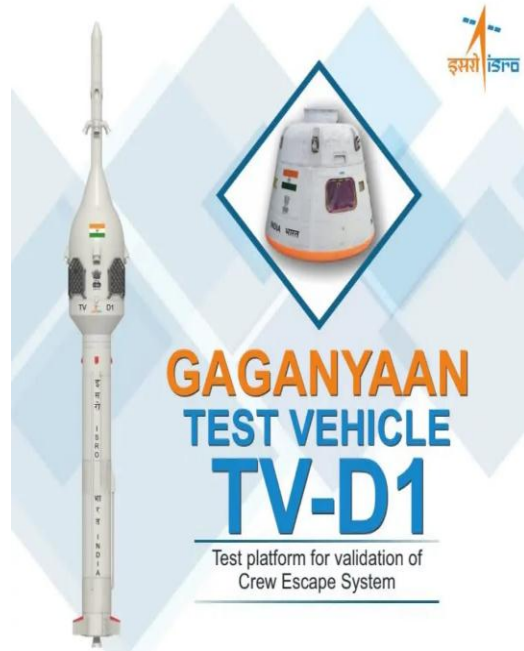
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Daily Current Affairs Encyclopedia

25 October 2023- Daily Current Affairs

Gaganyaan test flight successful



Context

The **Indian Space Research Organisation (ISRO)** has successfully completed its first test flight to demonstrate a crew escape system for the Gaganyaan mission

About Gaganyaan

- Gaganyaan project envisages **demonstration of human spaceflight capability** by launching a crew of 3 members to an orbit of 400 km for a 3 days mission and bring them back safely to earth.
- It is part of the **Indian Human Spaceflight Programme (IHSP)**, which was initiated (in 2007) by the ISRO to develop the technology needed to launch crewed orbital spacecraft into low earth orbit (LEO).
- Launch **Vehicle Mark-3 (LVM3/GSLV Mk3) rocket** - is identified as the launch vehicle for Gaganyaan mission.
- **India's heaviest rocket** consists of solid stage, liquid stage and cryogenic stage.
- Upon its completion, India will become the **fourth nation**, after the US, Russia, and China, to undertake a manned spaceflight mission.

Project Udbhav



Context

An ambitious effort for the integration of India's "**ancient strategic acumen**" into the contemporary military domain was launched under Project Udbhav, by Defence Minister Rajnath Singh.

About Project

- The project's objective is to synthesise ancient wisdom with contemporary military practices and forging a unique and holistic approach to address modern security challenges
- Project Udbhav was launched at the first **Indian Military Heritage Festival (IMHF)** being organised by the USI.
- It is a collaboration between the **Army** and the **United Service Institution of India (USI)**



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Dogra architecture



Context

Dogra architecture gets a revival at **J&K's Maharaj Gunj**

- **Objective:** To restore the historical splendor of the market, which has declined due to encroachments and deviations.
- **Significance:** To highlight the distinctive architectural features of the Dogra monarchs who ruled Kashmir between 1846 and 1947.
- **Scope:** The project will cover the market itself, as well as gurdwaras, mosques, temples, tombs, and ancient sanctuaries in the area.
- **Benefits:** The project is expected to draw attention to Srinagar's rich cultural past and boost tourism.

About Dogra Architecture:

- **Dogra architecture** is a unique style of architecture that developed in the **Jammu and Kashmir region of India** during the rule of the Dogra dynasty.
- It is a blend of various architectural styles, including **Rajput, Mughal, and European**.
- Dogra architecture is known for its ornate carvings, intricate designs, and use of local materials, such as **sandstone and marble**.
- The fine examples of jammu architects are **mubarak mandi, bahu fort, jasrota palace, billawar palace**, these all buildings were made by kings, the dogra rulers of jammu.
- These palaces have, "**mehraab**" type of **door and arch shaped terraces**, and with doomson the top, but Mubarak mandi domes are clear example of blend of shikhara and dome style.
- The **sand stones and pebbles**, which are found in bulk in Jammu kandi belt, are used very benevolently used for beatification.

Paintbrush swift butterfly

Context

The paintbrush swift has been photographed and documented for the first time in Himachal Pradesh's Chamba district.

About Butterfly

- It is a butterfly species of the **Hesperiidae family**.



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- It was first described by **lepidopterist Frederic Moore** more than 145 years ago.
- It is identified based on two separated spots in the upper forewing cell.
- The species' larvae feed on bamboo and some other grass species.
- Habitat: Its habitat is distributed in **northeast, central and south India, and rare in Uttarakhand.**
- Threats: Habitat loss and scarcity of larval host plants are major causes of the decline in the butterfly population. An increase in pesticide use, deforestation, and climate change.
- This species is legally protected in India under **Schedule IV of the Wildlife (Protection) Act, 1972.**

Bharat Tex to prop India as global textiles powerhouse



Context

Bharat Tex 2024 Expo, to be held from February 26-29 next year, will position India as a truly global textiles powerhouse

Key points

- The event has been conceptualized as the **biggest textile fair in the world** in terms of exhibition area.
- It showcasts India's capabilities as a **reliable supplier of textile products** spanning the entire value chain under one roof.
- The expo will be held in the newly-inaugurated **Bharat Mandapam and Yashobhoomi Complexes.**

Ayodhya to be UP's 1st model solar city

Context

The state is pouring heavy investment to develop the temple town as the first model solar city.

About Saubhagya(Pradhan Mantri Sahaj Bijli Har Ghar Yojana) Scheme:

- It was launched in **October, 2017** focusing on last mile connectivity and electricity connections to all the unelectrified households in the country.
- It is a concurrent program to **Deen Dayal Upadhyaya Gram Jyoti.**
- Objective of Scheme is to Provide last mile connectivity and electricity connection to all un-electrified households in rural areas.



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Four Nilgiri Tahrs to be radio-collared in each tiger reserve

In News:

- The forest department is planning to **capture three males and a female Nilgiri Tahr** from the four tiger reserves, except the Sathyamangalam Tiger Reserve (STR), in the state for radio-collaring.

Key Points:

- Radio collars are used to **track and monitor animals in the wild.**
- They consist of a collar with a small radio transmitter. The collars provide data on: **Animal behavior, Migration, Population dynamics**
- Decision was taken in a **workshop on 'A holistic approach towards community-based conservation of Nilgiri Tahr'**, The workshop was organized under the **Tamil Nadu forest department's Project Nilgiri Tahr.**
- Nilgiri Tahr is found in **Siruvani hills, Nilgiri Hills, Anamalai hills, Palani, Srivilliputhur, Theni and Tirunelveli hills.**

IUCN Status: Endangered

Did you Know?

- The Nilgiri tahr is the state animal of **Tamil Nadu**

Rewilding hopes rise as sub-adult tiger in Anamalai reserve showcases hunting skills

In News:

- A sub-adult tiger kills a sambar deer in Anamalai reserve and officials are celebrating as rebuilding hopes rises.

Key Points:

- Rewilding is the process of restoring ecosystems to a more natural state.
- This is the first time Tamil Nadu is trying this experiment, which **Madhya Pradesh has successfully done five times.**
- A tiger has to **kill at least 50 of its natural prey - deer and wild pigs - to be considered ready for rewilding.**

Tamil homes celebrate Golu

In News: Tamil homes celebrate Golu with piety, devotional songs

- South Indian households in the city have brought classical music to the forefront as a theme for Golu set-ups this year for Navratri celebrations.



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| | <p>Key Points:</p> <ul style="list-style-type: none">• The tradition is known as Bomma Golu for Tamilians and Bombe Habba for Kannadigas.• The festival is a representation of families coming together to celebrate women and worship every walk of life.• In the set-up, dolls of deities, as well as common folk, are placed on steps.• Most of the dolls are passed through generations.• Gods and deities such as the dasavatharam — different avatars of Vishnu, and ashtalakshmi — eight forms of Lakshmi, are placed on the highest platform.• Then, dolls depicting different forms of life and occupations of people, are placed on the bottom steps. |
| <p>Dr K Senthil Raj released the book 'Thoothukudi District History'</p> | <p>In News: Outgoing Collector releases 'Thoothukudi District History' book</p> <ul style="list-style-type: none">• Thoothukudi Collector Dr K Senthil Raj released the book 'Thoothukudi District History' <p>Key Points:</p> <ul style="list-style-type: none">• It is a translation of a Tamil book authored by Tamil Chemmal awardee Muthalankurichi Kamarasu• He released the book during the general body meeting of the Thoothukudi district literature, art and music society held at Ki Rajanarayanan's memorial in Kovilpatti.• Collector Senthil Raj handed over the first copy to Sahitya Akademi Award-winning writer Cho Dharman, and appreciated the team that worked on the book. Additional Collector Thakkare Subam Gnanadev Rao, Sub-Collector Gaurav Kumar, and Kovilpatti RDO Jane Christy Bai were also present on the occasion. |
| <p>9,000 Tamil Nadu artisans register for Vishwakarma</p> | <p>In News: More than 9,000 artisans from seven districts in Tamil Nadu have registered to access the benefits offered through the central government Vishwakarma scheme</p> <p>Key Points:</p> <ul style="list-style-type: none">• Coimbatore district leads the registration |



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with 3,676 artisans, while Pudukkottai closely follows with 1,506 registrations.

- The selected beneficiaries will receive benefits including a PM Vishwakarma certificate and ID card, credit support with a concessional interest rate of **5 per cent**, skill enhancement, toolkit incentives, incentives for digital transactions and marketing support.

About Vishwakarma Scheme:

- The Pradhan Mantri Vishwakarma Kaushal Samman (PMVKYS) or Vishwakarma Scheme is a central sector scheme **launched by the Ministry of Micro, Small and Medium Enterprises (MSME)**, Government of India, in September 2023
- Aim is to provide support to traditional artisans and craftspeople.
- The scheme aims to uplift the traditional artisan community, preserve cultural heritage, and integrate them into the formal economy and global value chains.



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