



বাংলা



23 October 2023

International & National News

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 the **demonstration of human spaceflight capability** by launching a crew of 3 members to an orbit of 400 km for a 3-day mission and bringing 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 the Gaganyaan mission.
- **India's heaviest rocket** consists of a 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 strategy into** the contemporary military domain was launched under Project Udbhav, by Defence Minister Rajnath Singh.

About Project

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

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.



বাংলা



Daily Current Affairs Encyclopedia



- **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, and Billawar Palace**, these buildings were made by kings, the Dogra rulers of Jammu.
- These palaces have, "**mehraab**" **type of door and arch-shaped terraces**, and with domes on the top, but Mubarak mandi domes are a clear example of a blend of shikhara and dome style.
- The **sandstones and pebbles**, which are found in bulk in the Jammu Kandi belt, are used very benevolently for beautification.

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**.
- 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 is 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**.



বাংলা



Daily Current Affairs Encyclopedia

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 showcases 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 into developing 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**.
- The objective of the Scheme is to Provide last mile connectivity and electricity connection to all un-electrified households in rural areas.

Copyright © by Adda247

All rights are reserved. No part of this document may be reproduced, stored in a retrieval system, or transmitted in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, without prior permission of Adda247.