



01 June 2024

Kerala Regional News

<p>Kerala leads India in per capita consumption of gold</p>	<p>Why in news?</p> <ul style="list-style-type: none"> As per World Gold Council (WGC), Kerala has the highest per capita gold consumption in India. <p>Key points:</p> <ul style="list-style-type: none"> Kerala's Gold Consumption: <ul style="list-style-type: none"> Highest per capita consumption of gold in India. Annual consumption: 200-225 tonnes. India's Gold Demand in 2023: <ul style="list-style-type: none"> Total demand: 747.5 tonnes. 3% lower than the previous year. <p>About World Gold Council (WGC):</p> <ul style="list-style-type: none"> Established: 1987 Headquarters: London, United Kingdom Type: Market Development Organization for the gold industry Membership: Composed of the world's leading gold mining companies Mission: To stimulate and sustain demand for gold, provide industry leadership, and be the global authority on the gold market Reports and Publications: <ul style="list-style-type: none"> Annual Gold Demand Trends report Gold Market Outlook Investment research and analysis Global Initiatives: World Gold Council Standards
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Jal Jeevan Mission (JJM) project

Why in news?

- The **Jal Jeevan Mission project in Kerala**, aimed at providing clean water to rural households, is **facing a significant challenge**.
- **Contractors involved** in the project have decided to **go on strike due to arrears of Rs 3100 crore**.

About JJM:

- **Objective:** To provide **safe and adequate drinking water through individual household tap connections by 2024** to all households in rural India.
- **Launch Date:** August 15, 2019.
- **Ministry:** Ministry of Jal Shakti, Government of India.
- **Key Features:**
 - Ensuring potable water supply (**55 litres per person per day**) to every rural household.
 - Promoting **water conservation** and **rainwater harvesting**.
 - **Integrating source sustainability measures**.
 - Encouraging **community participation** in water management.
 - Focus on **water quality monitoring and surveillance**.
- **Funding:**
 - A combination of **central and state government funds**.
 - **Community contribution** and convergence with other government schemes.



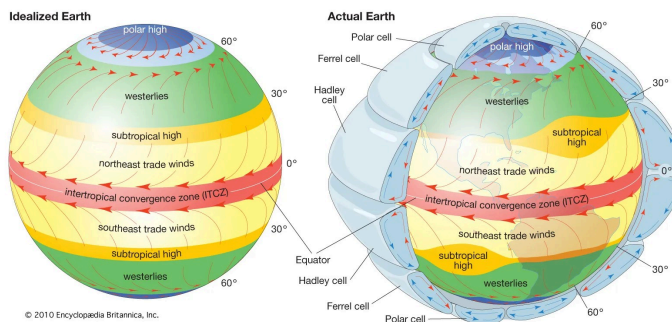
Westerlies

Why in news?

- Strong **westerlies** to trigger widespread rain in Kerala.

About Westerlies:

- **Definition:** Westerlies are **prevailing winds that blow from the west towards the east** in the mid-latitudes **between 30 and 60 degrees latitude** in **both hemispheres**.
- **Direction:** They **blow from the subtropical high-pressure belts** towards the **subpolar low-pressure belts**.
- **Formation:** Westerlies are **formed due to the rotation of the Earth** and the **difference in temperature between the equator and the poles**, leading to the **Coriolis effect**.
- **Impact on Weather:** They often **bring moist air from the oceans**, leading to precipitation.
- **Jet Streams:** The **westerlies are associated with the jet streams**, fast-flowing air currents in the **upper atmosphere**, which affect aviation and weather forecasting.





Operations launched by three MNCs in Kerala

Why in news?

- In May 2024, Kerala witnessed the **successful launch of operations by three multinational companies**, which is a testament to the state's industrial policy.

Key points:

- **Dynimated:**
 - An **Italy-based initiative**, Dynimated combines technology, art, and innovation.
 - It aims to revolutionize fields such as **holographic reality, visual communication** (to rival Hollywood films), design, animation, and spatial design.
- **D-Space Technologies:**
 - A **German company**, D-Space is a world leader in automation and space technology.
 - It has **established its first software development center in Asia**, in Kerala.
 - D-Space serves renowned automobile manufacturers like Porsche, BMW, Audi, Volvo, and Jaguar.
- **Kongsberg:**
 - This **Norway-based company operates in the maritime sector** across 33 countries.
 - It has **chosen Kochi as a maritime industry destination**.



Daily Current Affairs Encyclopedia

KITE to develop AI engine to combat misinformation among students

Why in news?

- Kerala Information and Technology Education (KITE) is developing an AI engine to provide validated and unbiased information for students.
- This AI engine is the first of its kind developed by a state education department in India.

Key point:

- The AI engine uses Large Language Models (LLM), which are pre-trained on vast datasets.
- The primary goal is to eliminate algorithmic bias and ensure unbiased information dissemination.
- The AI engine will be trained on data from Kerala's curriculum and educational portals.
- The AI engine will be integrated with the Samagra portal, a digital repository for subjects from Classes I to Plus-II.
- Samagra provides syllabus-based teaching resources, developed under the Public Education Rejuvenation Mission of Kerala.

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