



04 October 2023

National and international News

Silk production in India

Central Silk Board(CSB)

- CSB is a **statutory body established under the Central Silk Board Act, 1948.**
- It functions under the **aegis of the Union Ministry of Textile.**
- It is a national organization for the overall development of the silk sector in India.

Context

India is constantly maintaining its **second position in the production of silk with 18% of global production.**

Key facts

- According to India trade portal, the total silk **production in India during 2021-2022 was 34,903 MT**, an increase of 3.4% YoY over the previous year (33,770 MT).
- Countries sericulture **employs nearly 10 mn people**
- The share of **mulberry is the largest among other varieties.**
- **Karnataka is the largest producer of state**
- Andhra, Maharashtra, Assam, J and K, Gujrat, Bihar, are other states.

Did you know?

- India produces all the five known commercial silks, namely, **Mulberry, Tropical Tasar, Oak Tasar, Eri and Muga.**

World Bank forecast

Context

According to World Bank forecast, Indian economy's growth forecast for this fiscal year is **6.3%**

Gangetic Dolphin

Save Dolphin to save Ganga

The Centre has declared the dolphin a national aquatic animal to save the rare freshwater species from disappearing from the country's aqua map

Know about **Platanista gangetica**

1.67 m

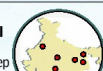
Males grow up to 2.12m

Females grow up to 2.67m

Females give birth to only one calf, once in 2-3 yrs

Generally blind, they catch their prey by emitting ultrasonic sound to gauge distance, mass etc

Assam, UP, MP, Rajasthan, Bihar, Jharkhand & W Bengal in the rivers Chambal, Sone, Kosi, Brahmaputra



Grim Future

Once counted in 10's of 1000's, the amount has reduced in last century to **1,500**

"Endangered" & placed in **Schedule-I of Wildlife (Protection) Act, 1972**

GANGETIC DOLPHIN: A rare specie almost extinct

Lost cousin: The Yangtze dolphin, Baiji, of China

Dwindling number due to killing, habitat fragmentation

About gangetic Dolphin

- It is a **freshwater species.**
- It inhabits the **Ganges-Brahmaputra-Meghna and Karnaphuli-Sangu** river systems of Nepal, India, and Bangladesh.
- It is India's **National Aquatic Animal.**
- A long thin snout, rounded belly, stocky body and large flippers are characteristics of the Ganges River dolphin.
- **IUCN: Endangered**
- **Wildlife (Protection) Act: Schedule-I**
- **CITES: Appendix I**

Did you know?

Vikramshila Gangetic Dolphin Sanctuary is situated in **Bhagalpur of Bihar**



Nobel Prize in physics

Context

France's **Pierre Agostini**, Hungarian-Austrian **Ferenc Krausz** and French-Swedish **Anne L'Huillier** won the **Nobel Prize in physics**.

Key facts

- The prize awarded for the research, using ultra-quick light flashes **that enable the study of electrons inside atoms and molecules**.
- Their technique employs **pulses measured in attoseconds**
- The research has made it possible to **examine moves or changes so rapid that they were previously impossible to follow**
- potential **applications in both electronics and medical diagnostics**.

International Criminal Court

Context

Recently **Armenia's Parliament** voted to join the International Criminal Court.

International Criminal Court (ICC)

- It is the **only permanent international criminal tribunal**.
- It was **created by the 1998 Rome Statute** of the International Criminal Court
- It **started functioning on 1 July 2002** when the Statute came into force.
- Its **HQ is in Hague, Netherlands**.
- **India is not the member**
- It investigates and tries **individuals charged with the gravest crimes of concern to the international community:** genocide, war crimes, crimes against humanity, and the crime of aggression.

Did you know?

123 States Parties recognize the ICC's authority **except the US, China, Russia, India and among others**.



Daily Current Affairs Encyclopedia

Manufacturing Purchasing Managers' Index (PMI)

Context

India's manufacturing activity eased to a five-month low in September

Purchasing Managers' Index (PMI)

- It is an **economic indicator**, which is derived after monthly surveys of different companies.
- It measures activity at the purchasing or input stage.
- It is very different from industrial production which is indicative of actual production. E.g., the Index of Industrial Production (IIP) measures output.
- There are two types of PMI — **Manufacturing PMI and Services PMI.**
- The index shows trends in both the manufacturing and services sector.
- **PMI does not capture informal sector activity.**

Kerala Regional News

950 e-buses sanctioned for Kerala

In News:

950 buses sanctioned by the Central government under the **Pradhan Mantri e-Bus Seva scheme** will start running in the cities of Kerala.

Key Points:

- Kochi and Kozhikode cities will get 150 buses each.
- Thiruvananthapuram, Kollam, Thrissur, Malappuram, and Kannur cities will get 100 buses each
- Cherthala, Kayamkulam, and Kottayam cities will get 50 buses in the first phase.

About Pradhan Mantri e-Bus Seva Scheme

- The Pradhan Mantri e-Bus Seva Scheme is a central government initiative.
- Its aim is **to deploy 10,000 electric buses in 169 cities across India.**
- The scheme was **approved by the Cabinet in August 2023** with an estimated cost of Rs. 57,613 crore.
- Out of this, the central government will provide support of Rs. 20,000 crore.
- The PM e-bus seva scheme will be implemented on a **public-private partnership (PPP) model.**



Daily Current Affairs Encyclopedia

Mata Amritanandamayi's 70th birthday



In News:

Mata Amritanandamayi's 70th birthday celebrated at Amritapuri Ashram in Kerala.

Key facts

- Thousands of devotees, political representatives, from across the globe gathered at the **Amritapuri Ashram in Kollam** to celebrate the 70th birthday of Mata Amritanandamayi.
- Mata Amritanandamayi emphasized the significance of love, selflessness, and unity.

About Mata Amritanandamayi

- Mata Amritanandamayi (Amma) is a **renowned spiritual leader, humanitarian, and philanthropist from India**
- She is known for her boundless love and compassion, and her **unique practice of hugging devotees to provide solace and healing.**
- She is also a **chancellor of Amrita Vishwa Vidyapeetham, a multi-campus research university** that offers over 200 undergraduate and graduate programs.

Did you Know?

- Amma is a recipient of numerous awards and honors, including the **Padma Vibhushan**, India's second-highest civilian award.

Nerekadavu-Makkekadavu bridge project



In News:

The Finance department has approved the **revised estimate for the construction of the Nerekadavu-Makkekadavu bridge.**

Key facts

-
- The bridge is under construction on **Vembanad Lake** and will connect Kottayam and Alappuzha districts.
- It will be **part of the Thuravoor-Pamba highway.**
- The bridge is **expected to be 800 meters long**, with two navigation spans in the middle.
- It will also have footpaths on both sides.

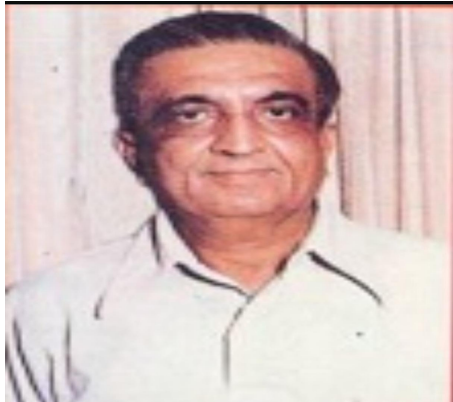
Person in News: Praful D. Bhavsar

In News:

- Praful D. Bhavsar, a veteran scientist of the Indian Space Research Organisation (ISRO) passed away in Ahmedabad
- He **played an instrumental role in the very first sounding rocket launch from Thumba on November 21, 1963.**



Daily Current Affairs Encyclopedia



Key Points:

- Dr. P.D. Bhavsar was project scientist and principal investigator for that first rocket-borne experiment from the Thumba Equatorial Rocket Launching Station (TERLS)
- It used an American-made Nike-Apache sounding rocket and a sodium vapor payload supplied by France.
- This experiment involved **photographing the sodium vapor cloud released against the twilight sky** once the sounding rocket reached an altitude of about 100 km.

Did you Know?

- He played an important role in the **establishment of the Space Physics Division (SPD)**
- SPD later became the **Space Physics Laboratory (SPL)** under the Vikram Sarabhai Space Centre (VSSC), Thumba.

CM to inaugurate seven mega projects in Kerala

In News:

CM Pinarayi Vijayan is set to inaugurate all of the seven mega projects implemented as part of infrastructure development at the Kochi International Airport (CIAL).

Key facts

- The mega projects involving Import cargo terminal, DigiYatra software, and the new technically superior airport security system will be inaugurated.
- In the first phase completion of the international terminal development, 0484 luxury aero lounge, golf resorts, sports center, and the construction of electronic security apparatus will also be inaugurated
- The **import cargo terminal will increase CIAL's annual cargo handling capacity to 2 lakh metric tonnes.**
- **DigiYatra software** designed by the CIAL IT department will ease the entry procedure at domestic terminal gates.
- The airport emergency rescue system will embrace modern tools with the arrival of modern vehicles including 2 Austrian-made fire engines.



മലയാളം

ADDAPEDIA

Daily Current Affairs Encyclopedia

To get free Live Classes, Materials Scan this QR Code & Download our Adda247 App



World
ANIMAL WELFARE

4th October 2021

Building the celebration of **World Animal Day** unites the animal welfare movement, mobilizing it into a global force to make the world a better place for all animals. **Happy Animals Day**

Follow us on : Download Now Adda247 Official App

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.