

SANSKRITI IAS DAILY CURRENT AFFAIRS

13-10-2026

Bharat Tulip

The Hindu

Union Minister inaugurates Shilpa Samagama Mela 2026 at Dasara Exhibition

Union Minister of State for Social Justice and Empowerment Ramdas Athawale inaugurated the Shilpa Samagama Mela 2026 at Dasara Exhibition...



Why in News: The Ministry of Social Justice and Empowerment introduced **BHARAT TULIP** at the Mysuru Dasara Exhibition Grounds in Karnataka.

Institutional Framework

- **Bharat Tulip** stands for **Traditional Artisans' Upliftment Livelihood Programme** and was launched in **2024**.
- It is an initiative of the **National Backward Classes Finance and Development Corporation (NBCFDC)** under the Ministry of Social Justice and Empowerment.

Implementation Mechanism

- **E-commerce integration** enables artisans to sell products through digital platforms and access global consumers.
- **Quality assurance and skill development** improve product standards, craftsmanship and market readiness.
- The initiative promotes participation in **international business-to-consumer (B2C) platforms** to diversify artisans' income sources.

Economic Empowerment

- The programme integrates marginalised artisans into the **digital economy** through domestic and international marketplaces.
- It facilitates participation in **trade fairs, exhibitions and fashion shows** to expand market access.

Exercise IBSAMAR IX

DD News

INS Tarkash to Participate in IBSAMAR IX 2026 to Strengthen Trilateral Maritime Cooperation

Indian Naval Ship (INS) Tarkash, a frontline guided-missile stealth frigate of the Indian Navy, is on an overseas deployment to South Africa...



Why in News: **INS Tarkash** was deployed to South Africa to participate in the ninth edition of the **India-Brazil-South Africa Maritime Exercise (IBSAMAR IX), 2026**.

Strategic Significance

- **IBSAMAR** is a trilateral maritime exercise involving the navies of **India, Brazil and South Africa** under the **IBSA framework**.

- The exercise has been conducted **biennially since 2008** to strengthen maritime cooperation and operational preparedness.
- Its theme is **“Stronger Together Towards a Shared Future in the Maritime Domain.”**

Operational Dimensions

- The exercise covers **surface warfare, anti-air warfare, anti-submarine warfare, maritime interdiction and naval air operations.**
- Other activities include **Visit, Board, Search and Seizure (VBSS), anti-piracy operations, search and rescue, damage control and firefighting.**

INS Tarkash: Key Facts

- **INS Tarkash** is a frontline guided-missile stealth frigate and the second of three **Talwar-class frigates.**
- It was built by the **Yantar Shipyard in Kaliningrad, Russia**, and commissioned on **9 November 2012.**
- The Talwar class is based on the Russian **Krivak III-class frigate** design.
- The ship has a maximum speed exceeding **30 knots** and an endurance of approximately **30 days or 4,500 nautical miles**, as reported in the source material.

TRISHNA Satellite

TH The Hindu

TRISHNA satellite is in advanced stage of realisation, says ISRO official

The Indo-French satellite TRISHNA (Thermal Infra-Red Imaging Satellite for High-resolution Natural Resource Assessment) will be launched in...



Why in News: The project head of the Indo-French **TRISHNA satellite** indicated that its launch was expected within the following 12–16 months.

International Collaboration

- **TRISHNA** stands for **Thermal Infra-Red Imaging Satellite for High-resolution Natural Resource Assessment.**
- It is jointly developed by **ISRO** and France’s space agency, **Centre National d’Études Spatiales (CNES).**
- It follows the Indo-French satellite missions **Megha-Tropiques** and **SARAL.**

Scientific Objectives

- The mission will monitor **terrestrial water stress, water use and the energy and water budgets of the continental biosphere**.
- It will study **coastal and inland water quality, urban heat islands, volcanic thermal anomalies and geothermal resources**.
- The satellite will also support the assessment of **glacier dynamics, snowmelt runoff and atmospheric variables**.

Payloads and Technology

- The **Thermal Infrared (TIR) payload**, provided by CNES, uses four long-wave infrared channels to map surface temperature and emissivity.
- The **Visible–Near Infrared–Shortwave Infrared (VNIR-SWIR) payload**, developed by ISRO, contains seven spectral bands for mapping surface reflectance.
- The combined payloads will provide **high spatial and temporal resolution** observations for surface-energy and natural-resource assessment.

Environmental Applications

- TRISHNA will support **precision agriculture, drought monitoring, irrigation management and water-resource planning**.
- Its observations can improve the assessment of **urban thermal stress, ecosystem health and climate-related changes**.

Mount Mukut

DD India

Indian Coast Guard team scales Mount Mukut ahead of planned Everest expedition in 2027

A 17-member Indian Coast Guard mountaineering team successfully scaled the 7,045-metre Mount Mukut on October 7, completing the final phase...



Why in News: A 17-member **Indian Coast Guard mountaineering team** successfully scaled **Mount Mukut (7,045 metres)**.

Geographical Focus

- Mount Mukut is a high-altitude peak in the **Garhwal Himalaya of Uttarakhand**, near **Mount Kamet**.
- Its name, meaning **crown**, refers to its distinctive crown-like shape.
- The peak lies in the high-altitude Himalayan region near the Tibetan Plateau, characterised by exposed rock, glaciers and permanent snow.

Mountaineering Significance

- The peak was first climbed in **1951** by a New Zealand expedition that included **Edmund Hillary and George Lowe**, according to the source material.

- Its steep, glaciated terrain makes it a significant high-altitude mountaineering challenge.

Garhwal Himalaya: Key Facts

- The Garhwal Himalaya forms part of the **western Central Himalayas** and lies mainly in Uttarakhand.
- Major rivers include the **Bhagirathi, Alaknanda, Mandakini and Yamuna**.
- Vegetation includes **pine, oak, deodar, fir and rhododendron** forests at suitable elevations.

Research, Development and Innovation Fund

 India Today

Which 14 firms are part of the Rs 7,131 crore RDI funding cohort?

The government has approved Rs 7131 crore for 19 fund managers under the first RDIF cohort. The move brings AIFs and research-linked...



Why in News: The **Research, Development and Innovation (RDI) Fund** announced its first cohort of **19 Second-Level Fund Managers (SLFMs)**.

Institutional Framework

- The RDI Fund is a flagship initiative of the **Government of India** to promote private-sector investment in research, development and innovation.
- The **Department of Science and Technology (DST)** is the nodal department.
- The **Anusandhan National Research Foundation (ANRF)** provides the institutional framework, with its Governing Board chaired by the **Prime Minister** providing strategic direction.

Strategic Significance

- The initiative aims to strengthen **deep-tech innovation, economic security, technological self-reliance and industrial competitiveness**.
- It also facilitates the development of a **Deep-Tech Fund of Funds** to mobilise capital for innovation-intensive enterprises.

Financial Architecture

- The scheme has a total corpus of **₹1 lakh crore**.
- A **Special Purpose Fund (SPF)** within ANRF will act as custodian of the corpus rather than directly investing in individual companies.
- Capital will be channelled through **Second-Level Fund Managers**, including eligible **Alternative Investment Funds (AIFs), Development Finance Institutions (DFIs) and Non-Banking Financial Companies (NBFCs)**.

Funding Mechanism

- The fund provides **long-term loans or refinancing at low or nil interest rates** to support private-sector RDI.
- **Equity financing** may also be used, particularly for startups.
- The scheme supports transformative projects at higher **Technology Readiness Levels (TRLs)** and the acquisition of strategically important technologies.

World Economic Outlook Report

TH The Hindu

IMF upgrades 2026 growth forecast but warns of 'split' outlook

IMF slightly lifts 2026 global growth forecast to 3.1% on resilience, keeps 2027 at 3.4%, with US 2027 at 2.3%.



Why in News: The **International Monetary Fund (IMF)** revised its economic growth projections for India in its **World Economic Outlook (WEO)** report.

Institutional Framework

- The **WEO** is a major IMF publication released twice a year, generally in **April and October**.
- Less comprehensive WEO updates are usually released in **January and July**.
- It provides estimates and forecasts of **GDP growth, inflation, current-account balances and unemployment** across IMF member economies.

India: Economic Projections

- According to the supplied report, India's projected GDP growth was **7.4% in 2026 and 7.0% in 2027**.
- India's consumer-price inflation was projected at **5% in 2026**, compared with **2% in 2025**.
- India's **current account deficit** was projected to widen to **1.5% of GDP in 2026**.

Global Economic Outlook

- Global growth was projected at **3.1% in 2026 and 3.4% in 2027**.
- **Emerging and developing Asia** was projected to grow by **5.1% in 2026**.
- The **Middle East and Central Asia** region was projected to contract by **0.3% in 2026**, according to the supplied material.

Economic Significance

- The WEO helps policymakers assess **global economic risks, inflationary pressures and growth prospects**.
- Its projections support comparative analysis of national economic performance and international macroeconomic trends.

MY Bharat Platform



MY Bharat

<https://mybharat.gov.in> > pages > event_detail > event_n...

Neighborhood Youth Parliament

4 days ago — The Neighbourhood Youth Parliament (NYP) is a component of the National Young Leaders Program run by the Department of Youth Affairs, Ministry ... [Read more](#)

Why in News: MY Bharat organised neighbourhood youth parliaments and Yuva Melas at **1,469 locations** under the **Nasha Mukta Yuva for Viksit Bharat Abhiyan**.

Institutional Framework

- **MY Bharat** is an autonomous body established by the **Department of Youth Affairs, Ministry of Youth Affairs and Sports**.
- It is registered as a society under the **Societies Registration Act, 1860**.
- Its digital platform aims to provide equitable access to opportunities for youth-led development.

Target Group and Features

- The platform primarily caters to young people aged **15–29 years**.
- It connects youth with opportunities offered by **businesses, government departments and non-profit organisations**.
- Users can create profiles highlighting their **skills, activities and interests**.

Youth Development

- The platform facilitates **mentorship, experiential learning, networking and industry connections**.
- It seeks to promote **community participation, skill development and youth-led contributions** towards the vision of **Viksit Bharat**.

Other Important News of the day

Places
News

in Taiwan Strait



ANI News

Taiwan rejects China's claims, urges end to hostile rhetoric

Taiwan has urged China to stop its hostile rhetoric toward Taipei and abandon the use of force or coercion to change the status quo across...



Why in News: China said it had tracked and warned Canadian and Australian warships transiting the strategically sensitive **Taiwan Strait**.

Geographical Focus

- The **Taiwan Strait**, also known as the **Formosa Strait**, separates mainland China from Taiwan.

- It connects the **South China Sea in the southwest** with the **East China Sea in the northeast**.
- It lies between **Fujian Province of China and Taiwan**, with an average width of approximately **180 km** and a narrowest width of about **130 km**.
- It is relatively shallow, with an average depth of approximately **490 feet**.



Islands and River Systems

- The **Min and Jiulong rivers** of Fujian Province drain into the strait.
- Important islands in the surrounding waters include **Kinmen, Matsu and Penghu (Pescadores)**.
- **Kinmen and Matsu** are administered by Taiwan, while **Xiamen and Pingtan** are administered by the People's Republic of China.

Strategic and Economic Significance

- The strait is a major **international shipping route** carrying substantial volumes of cargo.
- It is an important fishing ground supporting numerous commercially valuable fish species.
- Its location makes it central to **cross-strait relations, regional security and Indo-Pacific maritime geopolitics**.

Organisations in News

Telecom Regulatory Authority of India (TRAI)

DD News

India's Internet Subscriber Base Rises to 1,114.17 M by end of June 2026: TRAI

The Telecom Regulatory Authority of India (TRAI), in its "Indian Telecom Services Performance Indicator Report" for the quarter ended June...



Why in News: India's Internet Subscriber Base Rises to 1,114.17 M by end of June 2026: TRAI
Statutory Framework

	➤ TRAI was established in 1997 under the Telecom Regulatory Authority of India Act, 1997. ➤ It regulates telecom services and promotes conditions for the orderly growth of the telecommunications sector. ➤ Its responsibilities include tariff regulation, quality of service, interconnection and consumer protection. Composition and Tenure ➤ TRAI comprises a Chairperson, up to two full-time members and two part-time members. ➤ Members are appointed by the Central Government and serve for three years or until the age of 65 years, whichever is earlier. Dispute Settlement ➤ The Telecom Regulatory Authority of India Act was amended in 2000 to establish the Telecom Disputes Settlement and Appellate Tribunal (TDSAT). ➤ TDSAT adjudicates specified disputes involving licensors, service providers and consumer groups and hears appeals against TRAI's directions, decisions and orders.
Defence	Exercise INDRA-2026  News On AIR <u>INS Sahyadri Arrives in Russia for India-Russia Naval Exercise INDRA 2026</u> Indian Naval ship Sahyadri has arrived at Vladivostok in Russia to participate in the exercise INDRA 2026. The Ministry of Defence said,...  Why in News: INS Sahyadri is participating in Exercise INDRA-2026 at Vladivostok, Russia. Bilateral Defence Cooperation ➤ Participants: The exercise is conducted between the Indian Navy and the Russian Federation Navy.

- **Origin:** Exercise INDRA began in **2003** and reflects the long-standing strategic relationship between the two countries.
- **Phases:** It includes harbour interactions followed by coordinated maritime operations at sea.
- **Objective:** It enhances **interoperability, operational coordination and mutual understanding** between the participating navies.
- **Strategic Linkage:** India's participation aligns with the **MAHASAGAR vision**, meaning *Mutual and Holistic Advancement for Security and Growth Across Regions*.

Science and Technology

Coronary Thrombosis



The Hindu

<https://www.thehindu.com> › Sci-Tech › Health

What is coronary thrombosis? Explained

3 days ago — **Coronary thrombosis** occurs when a blood clot forms in one of the arteries that supply blood to the heart muscle. These arteries carry oxygen and ... [Read more](#)

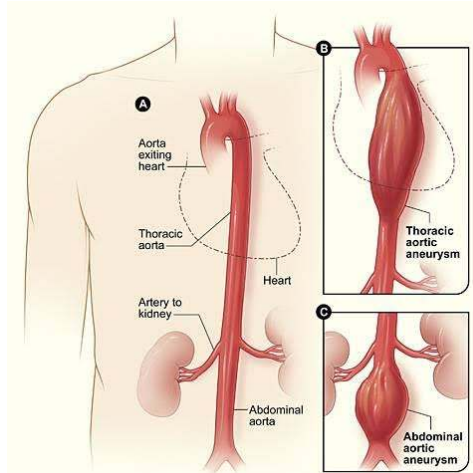
Why in News: The recent death of a prominent Indian actor brought attention to **coronary thrombosis**, a condition that can lead to a heart attack.

Pathophysiology

- Coronary thrombosis occurs when a **blood clot forms in a coronary artery**, restricting the oxygen-rich blood supply to the heart muscle.
- It is frequently associated with **atherosclerosis**, in which fatty deposits and cholesterol accumulate in arterial walls.
- Prolonged blockage can damage the heart muscle and cause a **myocardial infarction (heart attack)**.

Risk Factors and Symptoms

- Major risk factors include **smoking, high cholesterol, hypertension, obesity and physical inactivity**.
- Symptoms may include **chest pain, breathlessness, sweating, nausea, dizziness and unusual fatigue**.



Medical Management

- Treatment may involve **antiplatelet medicines, anticoagulants and clot-dissolving drugs**, depending on the clinical situation.
- Procedures such as **angioplasty with stent placement** or **coronary artery bypass grafting (CABG)** may be required to restore blood flow.
- Sudden chest pain or suspected heart-attack symptoms require **immediate emergency medical attention**.

Uttar Pradesh in News

Sarus Crane

 Down To Earth

BNHS announces all-India Sarus crane survey

Join BNHS's nationwide Sarus Crane survey on October 10-11, 2026, to help track populations and protect India's iconic wetland bird.



Why in News: The **Bombay Natural History Society (BNHS)** announced a nationwide survey to estimate the population of the **Sarus Crane**.

Habitat and Distribution

- The Sarus Crane (*Antigone antigone*) is the **tallest flying bird in the world**.
- It inhabits **wetlands, marshes, shallow water bodies, grasslands and agricultural landscapes**.
- Its distribution includes **northern India, Southeast Asia and northern Australia**.
- In India, it is concentrated mainly across the **Gangetic plains and eastern Rajasthan** and is generally non-migratory.

Biological Characteristics

- It has predominantly grey plumage, a **bare red head and upper neck**, and pale red legs.
- Sarus Cranes are generally found in pairs or small groups and are **monogamous, often mating for life**.
- The species serves as an indicator of the condition of **wetland and agricultural ecosystems**.

Threats and Conservation Status

- Major threats include **wetland degradation, changes in agricultural land use, pesticide exposure, power-line collisions and electrocution**.
- **IUCN Red List:** Vulnerable.
- **CITES:** Appendix II.
- **Wild Life (Protection) Act, 1972:** Schedule I, as specified in the supplied material.