



## DAILY DOSE

### **CURRENT AFFAIRS – 01/07/2025**

#### **1. FINANCIAL STABILITY REPORT:**

**Recent** - The Reserve Bank of India (RBI) recently released the Financial Stability Report for June 2025.

It is a biannual report released by the Reserve Bank of India (RBI).

It reflects the collective assessment of the Sub-Committee of the Financial Stability and Development Council (FSDC) on the resilience of the Indian financial system and risks to financial stability.

#### **2. INS TABAR:**

**Recent** - The Indian Navy's INS Tabar responded swiftly to rescue crew members in the Gulf of Oman as a fire broke out on an oil vessel recently.

INS Tabar (F44) is the third of the Talwar-class frigates of the Indian Navy.

It was built for the Indian Navy in Russia.

It was commissioned in 2004. It is among the earliest stealth frigates of the Indian Navy.

The ship is part of the Indian Navy's Western Fleet, which is based at Mumbai under the Western Naval Command.

#### **3. ANIMAL DISCOVERIES AND PLANT DISCOVERIES 2024:**

**Recent** - The details of new Animal Discoveries and Plant Discoveries and new records were released by the Union Minister for Environment, Forest, and Climate Change recently.

The Zoological Survey of India (ZSI), the country's premier institution for faunal exploration and research, publishes Animal Discoveries every year detailing the new discoveries of fauna.

Similarly, the Botanical Survey of India (BSI), the country's premier organisation for plant research and taxonomy, publishes Plant Discoveries every year detailing the new discoveries of flora.

India added 683 new species to its fauna in the year 2024, which included 459 new species and 224 species new records.

The country also added 433 taxa of flora during the same period, which included 410 species and 23 infra-specific taxa of plants.

#### **4. SPACE BASED SURVEILLANCE III PROGRAMME:**

**Recent** - The Union government recently ordered the fast-tracking of the launch of 52 dedicated surveillance satellites under the SBS-III programme.

It was approved in October 2023, by the Prime Minister-led Cabinet Committee on Security to develop next-generation satellites over the next decade.

It involves the construction and launch of 21 satellites by India's space agency, ISRO, and 31 by three private companies.

The first satellite is expected to be launched by April 2026, with the full constellation targeted for completion by the end of 2029.

#### **5. AT SEA OBSERVER MISSION:**

**Recent** - QUAD nations launched first-ever 'At Sea Observer Mission' to boost maritime cooperation.

It was launched by the QUAD nations i.e the Coast Guards of India, Japan, the United States, and Australia.

It aims to stride toward strengthening maritime security and interoperability in the Indo-Pacific, under the Wilmington Declaration.



## DAILY DOSE

### **CURRENT AFFAIRS – 03/07/2025**

#### **1. C-FLOOD PLATFORM:**

**Recent** - the Union Minister of Jal Shakti inaugurated the C-FLOOD platform.

It is a Unified Inundation Forecasting System.

It is collaboratively developed by the Centre for Development of Advanced Computing (C-DAC), Pune and Central Water Commission (CWC), Department of Water Resources, River Development & Ganga Rejuvenation (DoWR, RD & GR), Ministry of Jal Shakti.

It is a web-based platform that provides two-days advance inundation forecasts up to village level in the form of flood inundation maps and water level predictions.

#### **2. FINANCIAL FRAUD RISK INDICATOR:**

**Recent** - the Reserve Bank of India's (RBI) directed all Scheduled Commercial Banks, Small Finance Banks, Payments Banks, and Co-operative Banks to integrate the Financial Fraud Risk Indicator (FRI) developed by the Department of Telecommunications (DoT) into their systems.

It was launched by DoT's Digital Intelligence Unit (DIU).

It is a risk-based metric that classifies a mobile number to have been associated with Medium, High, or Very High risk of financial fraud.

#### **3. RECLAIM FRAMEWORK:**

**Recent** - The Coal Ministry is set to launch the RECLAIM framework on 4th July, 2025.

It is a community engagement and development framework designed specifically for mine closures.

The Coal Controller Organisation, under the Ministry of Coal, in partnership with the Heartfulness Institute, has developed this comprehensive Community Development Framework.

#### **4. GENOME:**

**Recent** - Researchers recently sequenced the first whole ancient Egyptian genome from an individual who lived 4,500 to 4,800 years ago – the oldest DNA sample from Egypt to date.

A genome is an organism's complete set of genetic information.

A genome includes all of the hereditary instructions for creating and maintaining life, as well as instructions for reproduction.

#### **5. SANTHAL REBELLION:**

**Recent** - June 30 marked the 170th anniversary of the Santhal rebellion, or 'Hul' - literally, revolution - one of the earliest tribal uprisings against the British.

The Santhal rebellion, or 'Hul' -literally, revolution-began in 1855, two years before the uprising of 1857, often referred to as "the first war for Indian independence".

The Santhal rebellion occurred in the Rajmahal hills of the Santhal region in Jharkhand.



## DAILY DOSE

### **CURRENT AFFAIRS – 05/07/2025**

#### **1. ALAKANANDA RIVER:**

**Recent** - Heavy rains in Rudraprayag, Uttarakhand have triggered a surge in the water level of the Alaknanda River, creating a flood-like situation in the region.

It is a Himalayan river in the state of Uttarakhand.

It is one of the two main headstreams of the Ganges River, the other being the Bhagirathi River.

It originates from the meltwaters of the Satopanth and Bhagirath Kharak glaciers in the Garhwal Himalayas of Uttarakhand.

The river is joined by many tributaries in Uttarakhand.

#### **2. BUKKAPATNA CHINKARA WILDLIFE SANCTUARY:**

**Recent** - 300 acres of encroached forest land was cleared in Bukkapatna Chinkara Wildlife Sanctuary.

**Location:** It is located in Tumakuru district of Karnataka.

This protected area was declared as a sanctuary in 2019 and is dedicated for protection and conservation of the Indian Gazelle which are also known as Chinkaras.

It is the second Chinkara (Gazelle bennetti) sanctuary in Karnataka after notifying a similar sanctuary at Yadahalli in Bagalkot district of North Karnataka in 2016.

#### **3. GIRMITIYAS:**

**Recent** - The Prime Minister recently said the descendants of Girmitiyas are no longer defined by struggle but by their "success, service, and values". Girmitiyas" were Indian indentured labourers who left India in the mid to late 19th century to work in British colonies, where many eventually settled.

The word 'girmitiya' is etymologically derived from 'girmit', meaning 'agreement'.

#### **4. SARCOMA:**

**Recent** - Every year in July, Sarcoma Awareness Month brings attention to a group of rare and often misunderstood cancers.

Sarcoma is not just one disease: it is a family of cancers that originate in the bones and soft tissues such as fat, muscles, blood vessels, nerves, and deep skin tissues.

A sarcoma typically appears as a painless lump or swelling that may increase in size over time.

#### **5. MOUNT SHINMOEDAKE:**

**Recent** - Japan's Mount Shinmoedake, a volcano in the Kirishima mountain range on Kyushu Island, erupted recently, sending a towering ash plume into the sky.

It is an active stratovolcano located on Kyushu Island, Japan, within the Kirishima mountain range.

It rises 1420.8 meters above sea level as part of the volcanic complex in Kagoshima Prefecture, displaying frequent eruption patterns and geological formations.



## DAILY DOSE

### **CURRENT AFFAIRS – 07/07/2025**

#### **1. INTERNATIONAL TREATY ON PLANT GENETIC RESOURCES FOR FOOD AND AGRICULTURE:**

**Recent** - Scientists, policymakers and activists from India have flagged concerns over the proposal to amend the treaty, particularly the Annex I of the International Treaty on Plant Genetic Resources for Food and Agriculture.

The International Treaty on Plant Genetic Resources for Food and Agriculture was adopted by the Thirty-First Session of the Conference of the Food and Agriculture Organization of the United Nations on 3 November 2001.

#### **2. NATIONAL BIOBANK:**

**Recent** - the union Minister of State (Independent Charge) for Science & Technology inaugurated the state-of-the-art Phenome India "National Biobank" at the CSIR-Institute of Genomics and Integrative Biology (IGIB).

It will serve as the backbone of a nationwide cohort study, collecting comprehensive genomic, lifestyle, and clinical data from 10,000 individuals across India.

It is tailored to capture the country's unique diversity—across geography, ethnicity, and socio-economic backgrounds.

It is launched under the Phenome India Project.

#### **3. ATOMIC ENERGY REGULATORY BOARD:**

**Recent** - India's nuclear regulator, the Atomic Energy Regulatory Board (AERB), recently granted operation licence for two indigenously developed 700 MWe Pressurised Heavy Water Reactors at the Kakrapar Atomic Power Station (KAPS) in Gujarat.

AERB stands as India's premier regulatory authority for nuclear and radiation safety.

The AERB was constituted on November 15, 1983, by the President of India by exercising the powers conferred by the Atomic Energy Act, 1962 to carry out certain regulatory and safety functions under the Act.

The regulatory authority of AERB is derived from the rules and notifications promulgated under the Atomic Energy Act and the Environment (Protection) Act, 1986.

#### **4. AUSTRALIAN BAT LYSSAVIRUS:**

**Recent** - an Australian man has died from Australian bat lyssavirus.

It is a rare but deadly virus that can be transmitted from bats to humans through bites or scratches.

It is closely related to the rabies virus and was first identified in 1996 in a fruit bat in northern New South Wales, Australia.

The lyssavirus is a member of the Rhabdoviridae family, which also includes viruses that cause rabies.

#### **5. WILDLIFE INSTITUTE OF INDIA:**

**Recent** - A detailed review by the Wildlife Institute of India (WII) has highlighted the need for scientific, infrastructure-based and community-driven measures to improve the ecological management of Andhra Pradesh's wildlife sanctuaries.

It is an autonomous institution established in 1982 under the Ministry of Environment, Forests, and Climate Change, Government of India, for nurturing the growth of wildlife science in the country.

Location: It is located in Dehradun, Uttarakhand.

It is an internationally acclaimed institution, which offers training programs, academic courses, and advisory in wildlife research and management.

PRABHA IAS ACADEMY



## DAILY DOSE

### **CURRENT AFFAIRS – 09/07/2025**

#### **1. PANNA TIGER RESERVE:**

**Recent** - 'Vatsala', considered to be Asia's oldest elephant, died recently at the age of more than 100 years at the Panna Tiger Reserve in Madhya Pradesh.

**Location:** It is located in the Vindhyan mountain range in the northern part of Madhya Pradesh.

**Standing over an area of 542 sq.km., it is the only tiger reserve in the entire Bundhelkhand region.**

**It falls in biogeographic zones of the Deccan Peninsula and the Biotic Province of the Central highlands.**

#### **2. EKALAVYA MODEL RESIDENTIAL SCHOOL:**

**Recent** - Nearly 600 students from Eklavya Model Residential Schools (EMRS) across 12 states have cleared top entrance examinations for undergraduate studies in medicine and engineering this year, according to the Tribal Affairs Ministry's performance assessment.

**It is a flagship intervention of the Ministry of Tribal Affairs, Government of India, to provide quality residential education to Scheduled Tribes students from Class 6th to 12th in remote areas to enable them to access the best opportunities in education and to bring them at par with the general population.**

**The programme has been in operation since 1998 and was revamped during the year 2018-19 to expand the geographical outreach and enhance the quality of facilities.**

### 3. NYANGAI ISLAND:

**Recent** - In less than a decade, Nyangai island has lost two-thirds of its surface area, and now measures only about 200 metres long and 100 metres wide.

It is a small island off the coast of Sierra Leone.

It is one of a cluster of islands that make up the Turtle Islands archipelago.

It is low-lying and situated off a part of the coastline subject to strong currents. As such, they have always been vulnerable to erosion.

### 4. VERA C RUBIN OBSERVATORY:

**Recent** - The Vera C Rubin Observatory in Chile has released its first breathtaking images, showcasing the power of its 3,200-megapixel digital camera—the largest ever built.

It is located 8,684 feet above sea level atop the Cerro Pachón mountain in the Chilean Andes.

Cerro Pachón was selected as the site for Rubin Observatory because it's an excellent place to conduct high-quality astronomical and astrophysical science.

It is named after American astronomer Vera C Rubin, who provided evidence about dark matter for the first time in the 1970s.

It is partnered with the U.S. Department of Energy (DOE) and National Science Foundation (NSF).

### 5. MINIATURE PLASMA LOOPS:

**Recent** - Astronomers at the Indian Institute of Astrophysics (IIA), and their collaborators used high-resolution imaging and spectroscopy to catch miniature plasma loops elusive structures in action.

These miniature loops are about 3,000–4,000 kilometers long and have a width of less than 100 kilometers.

These are so small and short-lived, that they have stayed hidden until now.

They hold clues to one of the Sun's deepest mysteries --how it stores and unleashes magnetic energy.

PRABHA IAS ACADEMY



## DAILY DOSE

### **CURRENT AFFAIRS – 10/07/2025**

#### **1. BULGARIA:**

**Recent** - European Union ministers gave the final green light for Bulgaria to adopt the euro on January 1, 2026, making it the single currency area's 21st member.

It is located in the south eastern region of the European continent, occupying the eastern part of the Balkan Peninsula.

**Bordered by:** It is bordered by 5 countries: by Romania in the north; by Turkey and Greece in the south; by North Macedonia in the southwest and by Serbia in the west. It is bounded by the Black Sea in the east.

#### **2. ACCELERATOR MASS SPECTROMETRY DATING:**

**Recent** - The Tamil Nadu State Department of Archaeology (TNSDA) has dispatched 23 charcoal samples to the Beta Analytic laboratory in the United States for Accelerator Mass Spectrometry (AMS) dating.

It is a precise method for measuring the radioactive isotope values of Carbon-14 (C-14).

It involves accelerating the ions to extraordinarily high kinetic energies followed by mass analysis.

It is used primarily in determining carbon 14 content of archaeological artifacts and geological samples.

It detects atoms of specific elements according to their atomic weights.

#### **3. COARTEM BABY:**

**Recent** - In a major milestone, Swiss authorities have approved Coartem Baby, the first-ever malaria treatment specifically designed for babies and very young children.

It is a new drug specifically designed for infants weighing 2–5 kg (newborns to under 6 months) which has formulation of artemether and lumefantrine — that work together to fight the malaria parasite.

It is developed by Novartis, in collaboration with Medicines for Malaria Venture (MMV) and the governments of Britain, Switzerland, the Netherlands, the World Bank, and the Rockefeller Foundation.

#### **4. MAHI RIVER:**

**Recent** – 11 people were killed and several vehicles fell into the Mahisagar (Mahi) River after a section of the Gambhira-Mujpur bridge in Padra taluka of Gujarat's Vadodara collapsed recently.

It is one of the major west-flowing interstate rivers of India.

It flows through the states of Madhya Pradesh, Rajasthan, and Gujarat.

The river is popularly described as "Mahisagar" due to its vastness.

#### **5. BROADCASTING INFRASTRUCTURE AND NETWORK DEVELOPMENT SCHEME:**

**Recent** - The Broadcasting Infrastructure and Network Development (BIND) scheme aims to provide financial support to Prasar Bharati (All India Radio (AIR) and Doordarshan (DD) for expenses related to expansion and upgradation of its broadcasting infrastructure.

It is a Central Sector Scheme.

It aims to provide financial support to Prasar Bharati (All India Radio (AIR) and Doordarshan (DD) for expenses related to expansion and upgradation of its broadcasting infrastructure, content development and civil work related to the organization.



## DAILY DOSE

### **CURRENT AFFAIRS – 11/07/2025**

#### **1. MEDIUM ALTITUDE LONG ENDURANCE DRONE:**

**Recent** - India has accelerated the procurement of 87 Medium Altitude Long Endurance (MALE) drones from local manufacturers.

MALE drones are unmanned aerial vehicles that have the capability to fly over 30 hours at a maximum altitude of at least 35,000 feet.

These drones are equipped with advanced surveillance and combat capabilities: including real-time intelligence, surveillance, and reconnaissance (ISR) in all kinds of terrain.

These will enhance surveillance along its sea and land borders.

#### **2. LAKE TURKANA:**

**Recent** - scientists have extracted 18-20 million-year-old enamel proteins from extinct mammal fossils from the Lake Turkana Basin.

Location: It is located in the remote northern region of Kenya.

It lies in the Eastern Rift Valley with its far northern end extending to Ethiopia.

Three rivers, including Omo, Turkwel, and Kerio flow into the lake, but only the Omo River is perennial, contributing 90 percent of the inflow of water each year.

It stands as Africa's fourth-largest lake and the largest permanent desert lake in the world.

It is designated as the UNESCO World Heritage site and is renowned for its unique biodiversity and cultural significance.

### **3. POLYCYCLIC AROMATIC HYDROCARBON:**

**Recent** - researchers from Australia, Sweden, and the UK studied the indenyl cation, C9H7+ and revealed how Polycyclic aromatic hydrocarbons molecules survival in Taurus Molecular Cloud 1 (TMC1).

Polycyclic aromatic hydrocarbons (PAHs) are flat, ring-shaped molecules of carbon and hydrogen.

Astronomers think they make up a fifth of all carbon in interstellar space.

### **4. ENFORCEMENT CASE INFORMATION REPORT:**

**Recent** - The Enforcement Directorate (ED) recently registered an Enforcement Case Information Report (ECIR) against 29 individuals, including actors, television hosts, social media influencers, and YouTubers, for allegedly promoting illegal betting applications.

The ECIR is a formal entry of the complaint lodged by the Enforcement Directorate (ED).

Whenever the ED receives information about the commission of an offence of money laundering, it is converted into a formal report known as the ECIR.

It serves as a starting point for ED's proceedings, including the attachment of assets and arrests.

There is no mention of the ECIR in the Prevention of Money Laundering Act, 2002 (PMLA Act), or Rules.



## DAILY DOSE

### **CURRENT AFFAIRS – 12/07/2025**

#### **1. BLOOD MONEY:**

**Recent** - A nurse from Kerala, Nimisha Priya, sentenced to death in Yemen for the 2017 murder of Talal Abdo Mahdi, may be saved by 'Diyah' (blood money) under Islamic sharia law.

Under the Islamic Sharia law, blood money, or 'diya', means that the accused provides financial compensation to the family of the victim in serious crimes such as murder.

It is followed in countries that incorporate these laws in their legislation. The custom is practised predominantly in cases involving unintentional murder and culpable homicide.

#### **2. ASTRA MISSILE:**

**Recent** - Recently, the Defence Research & Development Organisation (DRDO) & Indian Air Force (IAF) successfully conducted the flight-test of Astra missile.

It is an indigenous Beyond Visual Range Air-to-Air missile (BVRAAM).

It is equipped with indigenous Radio Frequency (RF) Seeker from Su-30 Mk-I.

It has a range exceeding 100 kms and is equipped with state-of-the art guidance and navigation system.

#### **3. CARACAL:**

**Recent** - In Madhya Pradesh's Gandhi Sagar Wildlife Sanctuary, a caracal, a threatened wild cat, was recently captured on camera, marking the first sighting in the state in 20 years.

It is a medium-sized wildcat that is often referred to as the desert lynx; however, they are more closely related to the African golden cat and the Serval.

In India, it is called siya gosh, a Persian name that translates as 'black Ear'.

Scientific Name: Caracal caracal.

Caracals live on rocky hills or grasslands in the Middle East, Africa, and South Asia.

Their numbers in India have dwindled to an estimated 50, primarily in Rajasthan and Gujarat.

#### **4. MARATHA MILITARY LANDSCAPES OF INDIA:**

**Recent** - Recently, 'Maratha Military Landscapes of India' got inscribed on the UNESCO World Heritage List, becoming India's 44th property to receive this recognition.

Spanning from the 17th to 19th centuries CE, this extraordinary network of twelve forts demonstrates the strategic military vision and architectural ingenuity of the Maratha Empire.

These 12 forts are spread across the states of Maharashtra and Tamil Nadu, which include Salher, Shivneri, Lohgad, Khanderi, Raigad, Rajgad, Pratapgad, Suvarnadurg, Panhala, Vijaydurg, and Sindhudurg in Maharashtra, along with Gingee Fort in Tamil Nadu.

#### **5. KUNO NATIONAL PARK:**

**Recent** - India's ambitious "Project Cheetah" continues to show promising signs of success as the Union Minister of Environment, Forest, and Climate Change recently shared two beautiful videos of the magnificent felines thriving in the grasslands of Kuno National Park.

It is located in the Sheopur district of Madhya Pradesh.

It is nestled near the Vindhyan Hills.

It covers an area of 750 sq.km.

It derives its name from the meandering Kuno River (one of the main tributaries of the Chambal River), which flows from south to north and divides the park into two sections.

It was selected under the 'Action Plan for Introduction of Cheetah in India'.

PRABHA IAS ACADEMY



## DAILY DOSE

### **CURRENT AFFAIRS – 14/07/2025**

#### **1. 3I/ATLAS:**

**Recent** - On July 1, scientists using the ATLAS telescope in Chile reported discovering an object named 3I/ATLAS, tracked since June 14.

It is an interstellar comet, likely to be the oldest comet ever observed by scientists, potentially predating the formation of the solar system by over 3 billion years.

Its identification as an interstellar object was based on its highly elliptical orbit, and fast velocity through space, travelling at 57–68 km/s relative to the Sun.

#### **2. ORDINARILY RESIDENT:**

**Recent** - Recently, the Election Commission's Special Intensive Revision (SIR) in Bihar has sparked discussions on electoral inclusion, particularly for migrant populations, focusing on the balance between electoral roll integrity and inclusive democratic participation.

According to Section 19 of the RP Act, only a person who is an 'ordinarily resident' in a constituency can be enrolled in its electoral roll.

Section 20 of the RP Act defines the term 'ordinarily resident'. It states that merely owning or possessing a house in a constituency does not qualify a person as an ordinarily resident.

#### **3. CARBON CREDIT TRADING SYSTEM:**

**Recent** - Recently, the Indian government announced greenhouse gas emissions intensity targets for entities in eight of the nine heavy industrial

sectors participating in the Carbon Credit Trading Scheme's compliance mechanism.

The Carbon Credit Trading Scheme (CCTS) is a market-based framework developed under the Indian Carbon Market (ICM) to regulate and trade carbon credits.

It aims to accelerate India's transition to a low-carbon economy by assigning a monetary value to greenhouse gas (GHG) emissions.

The CCTS is overseen by the Bureau of Energy Efficiency (BEE) and the National Steering Committee for Indian Carbon Market (NSCICM), ensuring transparent and accountable governance.

#### **4. BARAK VALLEY:**

**Recent** - Assam Pradesh Congress Committee (APCC) president and Lok Sabha MP Gaurav Gogoi recently urged the Prime Minister to urgently intervene in the worsening connectivity crisis of the Barak Valley.

It is the southernmost region of Assam, named after the Barak River that flows through it.

It includes the three southernmost districts of Assam, viz., Cachar, Hailakandi, and Karimganj, which together cover about 9% of the geographical area of the state.

It shares borders with Meghalaya on its north, Mizoram on its south, Manipur on its east, and Tripura and the Sylhet division of Bangladesh on its west.

#### **5. EXERCISE TALISMAN SABRE:**

**Recent** - India, along with 18 other nations, is participating in Talisman Sabre 2025, a major bilateral military drill led by Australia that commenced recently.

It is the largest bilateral military exercise between Australia and the United States, with multinational participation.

It has been conducted between Australia and the United States biennially since 2005.

PRABHA IAS ACADEMY



## DAILY DOSE

### **CURRENT AFFAIRS – 15/07/2025**

#### **1. PRADHAN MANTRI DIVYASHA KENDRA:**

**Recent** - The Union Ministry of Social Justice & Empowerment, Government of India, is set to inaugurate the 75th Pradhan Mantri Divyasha Kendra (PMDK) at Government Medical College, Badaun, Uttar Pradesh.

It is a unique initiative aimed at providing integrated services under one roof—including assessment, evaluation, counselling, distribution, and post-distribution care—for eligible Divyangjan (persons with disabilities) and elderly beneficiaries.

These centres are being established through ALIMCO (Artificial Limbs Manufacturing Corporation of India), a Central Public Sector Undertaking under the Department of Empowerment of Persons with Disabilities (DEPwD).

#### **2. RhoDIS INDIA PROGRAMME:**

**Recent** - A specialised team has initiated the genetic analysis of samples collected from 2,573 rhino horns and will add them to the RhoDIS India DNA data library.

In 2016, the Ministry of Environment, Forests and Climate Change (MoEFCC), Government of India in partnership with Wildlife Institute of India (WII), the forest departments of Assam, West Bengal and Uttar Pradesh, and WWF India launched this programme.

The Rhino DNA Index (RhoDIS) System is a wildlife forensics tool that was specially developed for investigating wildlife crime cases.

The programme seeks to improve the crime investigations scientifically and provide technical support for the scientific management of India's rhino population.

### **3. SIGANDUR BRIDGE:**

**Recent** - The Union Minister for Road Transport and Highways recently dedicated the cable-stayed Sigandur Bridge constructed across Sharavati River backwaters in Sagar taluk of Shivamogga district in Karnataka.

The Sigandur Bridge, also known as the Ambaragodu-Kalasavalli Bridge, is constructed across Sharavati River backwaters in Sagar taluk of Shivamogga district in Karnataka.

It is India's second-longest cable-stayed bridge. It is 2.44 km long and 16 metre wide.

### **4. ZOGRAPHETUS MATHEWI:**

**Recent** - A team of lepidopterists have identified a new butterfly species in the Western Ghats and named it as *Zographetus mathewi*.

It is a newly described skipper butterfly belonging to the family Hesperiidae and adds a new entry to the genus *Zographetus* Watson.

It is the 15th species in this oriental group and the fifth to be recorded from India.

Its proposed common name is Sahyadri Spotted Flitter in reference to the Western Ghats, locally known as Sahyadri.

**Habitat:** The species is endemic to the low-elevation forests of Kerala.

### **5. CYSTEINE:**

**Recent** - The researchers recently found that removing just one amino acid, cysteine, from the diet of mice led to a dramatic and rapid loss of 30% of the body weight in a week.

It is a sulfur containing amino acid with diverse roles in protein function and oxidative metabolism.

It is a non-essential amino acid.

It is one of the least abundant amino acids, yet it is frequently found as a highly conserved residue within functional (regulatory, catalytic, or binding) sites in proteins.

It is abundant in beta-keratin, a key structural protein in nails, skin, and hair.

PRABHA IAS ACADEMY



## DAILY DOSE

### **CURRENT AFFAIRS – 16/07/2025**

#### **1. MACHILIPATNAM:**

**Recent** - After being a dead dock town for ages, Machilipatnam is witnessing a revival with nearly 48% of the new Greenfield port at Manginapudi already completed.

Machilipatnam, also known as Masulipatnam, is a coastal city in the Krishna district of Andhra Pradesh.

The city is nestled on the southeastern or Coromandel Coast of India.

It was a flourishing port and a prominent trading centre during the medieval period, attracting traders from various parts of the world.

The city is also famous for its handloom industry, particularly for its Kalamkari art.

#### **2. MAGNETIC LEVITATION TECHNOLOGY:**

**Recent** - China has successfully tested Magnetic Levitation (Maglev) technology, with the potential to make trains even faster than jets.

Magnetic levitation, or maglev, is an advanced transportation technology that uses the principles of electromagnetism to enable vehicles to float above tracks, eliminating physical contact and significantly reducing friction.

#### **3. QUANTUM NOISE:**

**Recent** - Researchers at the Raman Research Institute (RRI) recently made the discovery that “quantum noise” which was always thought to be

detrimental to quantum systems, is potentially beneficial in some situations.

It refers to the unwanted disturbances that affect quantum systems, leading to errors in quantum computations.

Quantum noise comes from the fact that energy—like light or radio waves—exists in discrete packets, or quanta.

#### **4. SWATCH SURVEKSHAN AWARD:**

**Recent** - The President of India will confer the prestigious Swachh Survekshan 2024-25 Awards at a national ceremony organized by the Ministry of Housing and Urban Affairs (MoHUA) at Vigyan Bhawan, New Delhi.

It is an annual survey of cleanliness, hygiene and sanitation in cities and towns across India, launched as part of the Swachh Bharat Abhiyan (under SBA-Urban).

It was launched by the Ministry of Housing and Urban Affairs (MoHUA) with Quality Council of India (QCI) as its implementation partner.

It recognizes the tireless efforts of cities driving the Swachh Bharat Mission-Urban (SBM-U) forward.

#### **5. CNEMASPIS BRAHMAPUTRA:**

**Recent** - a new species of gecko recorded from Assam has been named after the Brahmaputra River.

It was found at Dirgheswari Temple on the northern bank of the Brahmaputra river in Assam.

The new species belongs to the Cnemaspis podihuna clade, a group of small, diurnal geckos previously thought to be largely restricted to Sri Lanka.



## DAILY DOSE

### **CURRENT AFFAIRS – 17/07/2025**

#### **1. GRANDALA:**

**Recent** - A Rare 'Grandala' electric-blue bird was recently spotted in Sainj Valley, Himachal Pradesh.

It is a species of bird in the thrush family Turdidae.

Scientific Name: *Grandala coelicolor*

It is the only species placed in the genus *Grandala*.

It is an arboreal insectivore.

#### **2. YD ONE:**

**Recent** - In a major mobility breakthrough, IIT Madras recently launched YD One, India's lightest wheelchair.

It is India's lightest active wheelchair and the country's first indigenously developed precision-built mono-tube rigid-frame wheelchair.

It was developed by IIT Madras' TTK Center for Rehabilitation Research and Device Development (R2D2) in collaboration with the startup Thryv Mobility.

It is fully customised for each user's body, posture, and daily mobility needs.

#### **3. PAVANA RIVER:**

**Recent** - Citizens, including local youth and residents, recently gathered at Akurdi to express their disapproval of the Pavana River rejuvenation project.

It is situated in the west of Maharashtra state, in the Pune District.

The river is a notable river crossing Pune city and divides Pune City and the Pimpri-Chinchwad area.

#### **4. TANIMBAR ISLAND:**

**Recent** - Recently, an earthquake of magnitude 6.7 struck off the coast of Indonesia's Tanimbar Islands region.

**Location:** The Tanimbar Islands are in the Indonesian province of Maluku, at the end of the long arc of islands that stretches from Sumatra through Java, Bali, Lombok and down through Timor.

These Islands are a group of around 30 islands lie between the Banda and Arafura seas.

It is part of Kei Archipelago and it belongs to Southeast Maluku Regency.

#### **5. ASPERGILLOSIS:**

**Recent** - In recent times, the blue rock pigeon — also known as Columba livia — has found itself at the center of a growing controversy due to presumed aspergillosis disease carriers.

It is an infection caused by Aspergillus — a genus of mold that includes hundreds of species.

The most common culprit in infections is Aspergillus fumigatus, a fungus that produces tiny airborne spores.

These spores, when inhaled in large quantities, can cause respiratory illness, especially in individuals with weakened immune systems, preexisting lung conditions, or prolonged exposure to dusty, moldy environments.



## DAILY DOSE

### **CURRENT AFFAIRS – 18/07/2025**

#### **1. SWACHH SURVEKSHAN AWARDS:**

**Recent** - President of India recently conferred Swachh Survekshan 2024-25 Awards at Vigyan Bhagwan, New Delhi hosted by the Ministry of Housing and Urban Affairs (MoHUA).

Marking its 9th edition, Swachh Survekshan 2024-25 is the world's largest urban cleanliness survey and a key pillar of the Swachh Bharat Mission-Urban.

In total, 78 awards were presented, recognising cities, cantonments, and institutions for their exemplary performance across a range of sanitation parameters.

Indore, Surat, and Navi Mumbai have once again secured the top spots in urban sanitation, emerging as the cleanest cities in the Swachh Survekshan 2024-25 rankings.

#### **2. CHRONIC VENOUS INSUFFICIENCY:**

**Recent** - US President Donald Trump has been recently diagnosed with chronic venous insufficiency (CVI).

The CVI occurs when your leg veins struggle to allow the flow of blood back to the heart.

Under normal conditions, the valves in our veins facilitate the flow of blood towards the heart.

However, when they don't work on the optimum level, the blood may flow backwards and accumulate (pool) in your legs.

### 3. PROTOSTAR:

**Recent** - A team of researchers at the IIST, Thiruvananthapuram, recently discovered radio emission with a special property known as circular polarisation near a massive young protostar that is still forming about 4,500 light-years from Earth.

A protostar is an early stage in the star formation process.

It is a large mass of gas and dust formed as a result of the contraction of a giant molecular cloud in the interstellar medium.

As the cloud collapses, gravitational energy is converted into heat, warming the still-forming protostar.

It may last from 100,000 to 10 million years, depending on the mass of the star.

### 4. POSHAN TRACKER APP:

**Recent** - Anganwadi workers struggle to register beneficiaries on Poshan Tracker app due to technical glitches and connectivity issues.

It is a mobile-based application rolled out by the Ministry of Women and Child Development, Government of India on 1st March 2021.

It was developed by the National eGovernance Division.

It serves as a specialized digital platform for Anganwadi Centers (AWCs), Anganwadi Workers (AWWs), and enrolled beneficiaries, aiming to enhance nutrition service delivery and support the government's fight against malnutrition.

### 5. AKASH PRIME MISSILE:

**Recent** - Recently, India achieved a significant milestone by successfully destroying two Aerial High Speed Unmanned targets at high-altitude in Ladakh by Akash Prime.

It is the upgraded variant of Akash weapon for the high altitude region.

It is a medium-range, surface-to-air missile platform.

It is designed to protect mobile, semi-mobile and static military installations from a range of aerial threats.

PRABHA IAS ACADEMY



## DAILY DOSE

### **CURRENT AFFAIRS – 21/07/2025**

#### **1. PALE CAPPED PIGEON:**

**Recent** - In a significant sighting for birdwatchers and conservationists alike, the elusive Pale-capped Pigeon was recently photographed in Dehing Patkai National Park in Assam.

The pale-capped pigeon, also known as the purple wood pigeon, is a large, dark purplish-maroon bird that is found in parts of the Indian Subcontinent and Southeast Asia.

Scientific Name: *Columba punicea*

**Distribution:** It is very locally distributed across its broad range, which encompasses parts of northern and northeastern India, Bangladesh, Myanmar, Thailand, Laos, Cambodia, and Vietnam.

#### **2. LYRIOTHEMIS ABRAHAMI:**

**Recent** - a new species of dragonfly, *Lyriothemis abrahami*, which was previously misidentified as *Lyriothemis flava* due to superficial similarities, has been officially documented.

It is a new species of dragonfly discovered in Kerala.

It breeds in small water pools in tree holes.

It exhibits strong dimorphism, with males featuring uniquely shaped hamules and females displaying jet black bodies with yellow triangular spots.

Its distribution spanned from lowland rainforests to mid-elevation evergreen and deciduous forests between 50 m and 1,100 m above sea level.

### 3. SLOVENIA:

**Recent** - Slovenia approved a law to allow assisted dying, joining an increasing number of countries giving terminally-ill adults the right to end their lives if they face unbearable suffering.

It occupies the Central and South Eastern Europe region.

It is bordered by 4 countries: Austria in the north; Hungary in the northeast; Italy in the west; and Croatia in the southeast. Slovenia also shares a small coastline along the Adriatic Sea in the southwest.

### 4. INVICTUS PROGRAMME:

**Recent** - the European Space Agency (ESA) and UK-based Frazer-Nash have kicked off the INVICTUS research programme.

It is a research programme with the goal of developing hypersonic technologies applicable to future reusable vehicles capable of horizontal launch.

**Funding:** It is funded through ESA's General Support Technology Programme (GSTP) and Technology Development Element (TDE)

It is a fully reusable experimental aerospace vehicle capable of flying at Mach 5 (five times the speed of sound).

### 5. TUVALU ISLAND:

**Recent** - More than 5,000 people have applied for a first-of-its-kind migration visa that offers residents of Tuvalu an escape from the worst effects of climate change.

Tuvalu, formerly known as the Ellice Islands, is an island country located midway between Hawaii and Australia in the west-central Pacific Ocean.

Its neighbours include Kiribati, to the north, and Fiji, to the south.

It comprises nine islands (four reef islands and five coral atolls) scattered in a chain lying approximately northwest to southeast over a distance of some 420 miles (676 km).



## DAILY DOSE

### **CURRENT AFFAIRS – 22/07/2025**

#### **1. DHARMASTHALA MANJUNATHESHWARA TEMPLE:**

**Recent** - The Sri Dharmasthala Manjunatheshwara Temple at Dharmasthala recently welcomed the formation of a Special Investigation Team (SIT) by the Karnataka government to probe the allegation of mass secret burial of unidentified bodies in the pilgrimage centre.

It is a Hindu temple located in the town of Dharmasthala in Karnataka.

It is dedicated to Lord Shiva, who here is worshipped as Lord Manjunatha. The temple dates back 800 years.

#### **2. KASHI DECLARATION:**

**Recent** - The Youth Spiritual Summit concluded recently at the Rudraksh International Convention Centre in Varanasi with the formal adoption of the Kashi Declaration.

It was adopted at the Youth Spiritual Summit, held under the theme 'Drug-free Youth for Developed India' at the Rudraksh International Convention Centre in Varanasi.

The summit was organised by the Ministry of Youth Affairs and Sports.

#### **3. GURYUL RAVINE FOSSIL SITE:**

**Recent** - The Geological Survey of India (GSI) has issued a stark warning to the Jammu and Kashmir administration over a "serious threat" to the important Guryul Ravine fossil site in Khonmoh, on the outskirts of Srinagar.

**Location:** The Guryul Ravines is located in Kashmir, geologically known as the Vihi district.

It consists of a repository of fossils that hold evidence of the Permian–Triassic extinction event, dating as far as back 260 million years.

These preserve clear evidence of the catastrophic Permian–Triassic mass extinction, which wiped nearly all life on Earth.

#### **4. AdFalcivax VACCINE:**

**Recent** - The Indian Council of Medical Research (ICMR) is developing a novel chimeric malaria vaccine candidate AdFalcivax to combat *Plasmodium falciparum*.

It is a recombinant vaccine, meaning parts of the genes that encode for targets are inserted into a cell, the target proteins are expressed, and then used to trigger an immune response.

It is developed in collaboration with its Regional Medical Research Centre in Bhubaneswar (RMRCB), the National Institute of Malaria Research (NIMR), and the Department of Biotechnology's National Institute of Immunology (DBT-NII).

It is being produced using *Lactococcus lactis*, a safe, food-grade bacterium.

#### **5. MERI PANCHAYAT APP:**

**Recent** - The mobile application “Meri Panchayat” has been internationally recognized with the prestigious World Summit on the Information Society (WSIS) Prizes 2025 Champion Award.

It is designed to provide a unified digital governance platform for rural areas, catering to residents, functionaries, and stakeholders of the Panchayati Raj Institution system.

This platform integrates and consolidates diverse functions and information currently dispersed across multiple government portals into a single, seamless web-based interface. It fosters a more accountable and participatory governance ecosystem for rural communities.

It is an initiative of the Ministry of Panchayati Raj and National Informatics Centre (NIC) under the Ministry of Electronics and Information Technology.

PRABHA IAS ACADEMY



## DAILY DOSE

### **CURRENT AFFAIRS – 23/07/2025**

#### **1. CHOLA GANGAM LAKE:**

**RECENT:** The Tamil Nadu government has launched a ₹19.25 crore project to restore and develop the historic Chola Gangam lake, also known as Ponneri.

Chola Gangam was excavated by King Rajendra Chola I to commemorate his northern military campaign.

The tank, referred to as a 'liquid pillar of victory', was fed by water from the Ganga river.

#### **2. SKILL INDIA ASSISTANT:**

**RECENT:** The Skill India Assistant (SIA) is an AI-powered chatbot designed to enhance access to skilling and employment services across India.

Skill India Assistant is built on Meta's open-source Large Language Model (LLaMA). It offers tailored course recommendations, locates nearby training centres, provides job listings matched to user skills, and conducts interactive quizzes with on-demand doubt clearing.

The chatbot delivers a personalised experience to users, helping them navigate skilling opportunities efficiently.

#### **3. KAMCHATKA EARTHQUAKE 2025:**

The Kamchatka Peninsula in Russia experienced a series of powerful earthquakes. The strongest measured magnitude 7.4.

These quakes occurred near the eastern coast, a region known for intense seismic activity due to tectonic plate interactions.

Authorities issued tsunami warnings which were later cancelled as no waves were detected.

#### **4. STABLE COINS:**

**RECENT:** The US House of Representatives recently passed the Genesis Act, a bill to regulate US dollar-pegged stablecoins.

Stablecoins are a type of cryptocurrency whose value is pegged to another asset, such as a fiat currency or gold, to maintain a stable price.

They strive to provide an alternative to the high volatility of popular cryptocurrencies, making them potentially more suitable for common transactions.

It can be utilized in various blockchain-based financial services and can even be used to pay for goods and services.

#### **5. SASCI SCHEME:**

**RECENT:** The Ministry of Tourism issued operational guidelines for the SASCI Scheme.

‘Special Assistance to States for Capital Investment– Development of Iconic Tourist Centres to Global Scale’(SASCI) has the objective to comprehensively develop iconic tourist centres in the country, branding and marketing them at global scale.



## DAILY DOSE

### **CURRENT AFFAIRS – 24/07/2025**

#### **1. SEA SLUGS:**

**Recent** - Scientists recently identified and formally described two previously unknown species of wart sea slugs found in the waters off North Sulawesi, Indonesia, named *Phyllidia ovata* and *Phyllidia fontjei*.

Sea slugs, also known as Nudibranchs, are soft-bodied marine molluscs found in all the world's oceans, from shallows to the deep sea.

They belong to Phylum Mollusca and Class Gastropoda.

They look like naked snails, i.e., without shells.

#### **2. UK-INDIA YOUNG PROFESSIONALS SCHEME:**

**Recent** - The UK recently opened its final 2025 visa ballot for the India Young Professionals Scheme, offering Indians aged 18–30 a chance to live, work, or study in the UK for two years.

It was conceived as part of an India-U.K. Migration and Mobility MoU signed in May 2021 and was announced in November at the G20 summit in Bali.

It was formally launched in February 2023.

It allows Indian citizens between 18 and 30 years old to live and work in the UK for up to 2 years.

It will enable candidates to enter the UK at any time while their visa is valid and leave and return anytime during their stay.

#### **3. CENTRAL BOARD OF DIRECT TAXES:**

**Recent** - The Central Board of Direct Taxes (CBDT) aims to step up its crackdown on evasion through the greater use of data analytics and artificial intelligence (AI) to identify discrepancies in the reporting of income.

It is a statutory authority constituted under the Central Board of Revenue Act, 1963.

It is a part of the Department of Revenue in the Ministry of Finance.

#### **4. KANNIYAKUMARI WILDLIFE SANCTUARY:**

**Recent** - a research scholar has documented around 450 species of moths at the Kanniyakumari Wildlife Sanctuary.

Location: It is located in the Kanyakumari district of Tamil Nadu.

It is situated near the southernmost tip of India at the confluence point of three major water bodies namely; Arabian Sea, Bay of Bengal, and the Indian Ocean.

The sanctuary is bounded at North by Kalakkad Mundanthurai Tiger Reserve, South by Kodayar left bank channel and Thovalai channel and in West by Kerala State.

#### **5. LUMPY SKIN DISEASE:**

**Recent** - With over 900 cattle infected with Lumpy Skin Disease (LSD) and more cases emerging daily, Pune district is staring at a potential decline in milk supply.

It is a highly infectious viral disease that affects all breeds of cattle and water buffalo.

Causative Agent: It is caused by the lumpy skin disease virus (LSDV), a member of the genus Capripoxvirus (CaPV) within the family Poxviridae (smallpox and monkeypox viruses are also a part of the same family).

LSDV is not zoonotic, so humans cannot get infected by the virus.



## DAILY DOSE

### **CURRENT AFFAIRS – 25/07/2025**

#### **1. PALNA SCHEME:**

**Recent** – the Minister of State for Women and Child Development informed the Rajya Sabha about the Palna Scheme.

It is a Centrally Sponsored Scheme introduced by the Ministry of Women and Child Development under the Samarthya Vertical of Umbrella Mission Shakti for all States and UTs.

**Objective:** The objective of the Scheme is to provide quality crèche facilities in a safe and secure environment for children (from ages 6 months – 6 years), nutritional support, health and cognitive development of children, growth monitoring & immunization.

#### **2. SYROS ISLAND:**

**Recent** - A cruise liner carrying Israeli tourists has been forced to reroute to Cyprus after being turned away from the Greek island of Syros after a quayside protest over the Gaza war.

Syros, also known as Siros or Syra, is a Greek island in the Cyclades island group, in the Aegean Sea.

The island is hilly, denuded, and irregular in shape, and it reaches an elevation of 1,450 feet (442 metres).

#### **3. PREAH VIHEAR TEMPLE:**

**Recent** - Fighter jets, landmines, and diplomatic expulsions marked the sharpest escalation in tensions between Thailand and Cambodia in years

over a dispute that stretches back over a century, and at the centre of it lies the 11th-century Preah Vihear Hindu temple.

It is a Hindu temple located in the Preah Vihear Province, in the northern part of Cambodia.

It is located atop a cliff on the Cambodia–Thailand border in the Dangrek Mountain range .

It is dedicated to Lord Shiva.

It was built primarily during the golden period of the Khmer Empire, in the eleventh and twelfth centuries.

It was built firstly by King Suryavarman I (1002-50) and then expanded upon by Suryavarman II (1113-50).

It is a UNESCO World Heritage Site.

#### **4. AI FOR INDIA 2.0 PROGRAMME:**

**Recent** - The Minister of State (Independent Charge), Ministry of Skill Development and Entrepreneurship (MSDE), informed the Rajya Sabha about AI for India 2.0 Programme.

It was launched in 2023 on the occasion of the ‘World Youth Skills’ Day.

The objectives and components of the Programme are

Free online training in Artificial Intelligence and Machine Learning.

Special focus on vernacular accessibility—content available in nine Indian languages (e.g., Hindi, Telugu, Kannada).

**Aim:** It is aimed at college students, fresh graduates, and early-career professionals, especially all backgrounds.

#### **5. LONG BILLED BUSH WRABLE:**

**Recent** - A team of birders recently recorded the first confirmed Indian sighting of the elusive Long-billed Bush Warbler in 46 years, spotting the Near Threatened species in Ladakh’s Suru Valley.

It is a medium-sized bush warbler (songbird) with a relatively long tail and long bill.

Scientific Name: *Locustella major*

It has a limited distribution in the mountains of Central Asia.

It's found in parts of China, India, Pakistan, and Tajikistan.

PRABHA IAS ACADEMY



## DAILY DOSE

### **CURRENT AFFAIRS – 26/07/2025**

#### **1. TRACERS MISSION:**

**RECENT:** NASA's TRACERS mission launched to study how Earth's magnetic shield protects the planet from space weather effects.

It was launched aboard a SpaceX Falcon 9 rocket from California's Vandenberg Space Force Base.

Along with TRACERS, three small NASA satellites—Athena EPIC, PExT, and REAL—were deployed to test new technologies and collect scientific data.

#### **2. SEA SQUIRT:**

**RECENT:** Marine explorations near Kumejima Island have revealed a strikingly unique sea creature. Named *\*Clavelina ossipandae\**, this tiny sea squirt resembles a panda due to its unusual black-and-white pattern.

The species was first noticed by divers in 2022 at depths between 5 and 20 metres.

Its distinct markings caught immediate attention.

#### **3. PM VIKSIT BHARAT ROZGAR YOJANA:**

**RECENT:** The Government of India has introduced the PM Viksit Bharat Rozgar Yojana (PM-VBRY), a major employment-linked incentive scheme starting from 1 August 2025.

is designed to accelerate economic growth through job-led development.

It incentivises both employees and employers to create and sustain employment. The scheme runs from August 2025 to July 2027.

#### **4.e-FLOW:**

**RECENT:** The Union Jal Shakti Minister led a comprehensive meeting focused on the environmental flow (e-flow) of the Ganga River and its tributaries.

Environmental flow refers to the quantity, timing, and quality of water flow required to sustain freshwater ecosystems and the livelihoods that depend on them.

It is critical for maintaining the ecological integrity of rivers and their estuaries.

E-flow also ensures significant benefits for human welfare, especially in areas where water use is highly competitive and regulated.

#### **5.BAMBUSATULDA:**

**RECENT:** It is commonly known as Bengal Bamboo or Indian Timber Bamboo, is a fast-growing tropical bamboo species widely used in construction and paper industries.

It is a fast growing medium-sized tropical clumping bamboo.

It has short pachymorph rhizomes which mean that it grows in densely tufted clumps.

It is considered to be one of the most valuable multipurpose bamboo species, which usually grows up to a height of 20 m with culm diameters between 5-10 cm.

It requires loamy and alluvial soils, fertile and well drained for its growth.



## DAILY DOSE

### **CURRENT AFFAIRS – 28/07/2025**

#### **1. VEER PARIVAR SAHAYATA YOJANA:**

**Recent** - The National Legal Services Authority (NALSA) recently launched 'Veer Parivar Sahayata Yojana', a scheme to strengthen legal aid for defence personnel and their families.

It is a joint initiative of the National Legal Services Authority (NALSA), the Kendriya Sainik Board (KSB), Rajya Sainik Boards (RSBs), and Zilla Sainik Boards (ZSBs), under the Department of Ex-Servicemen Welfare, Ministry of Defence.

**Objective:** Providing free and competent legal services to defence personnel, ex-servicemen, and their families.

It will be implemented through a nationwide network of Legal Services Clinics established across Rajya and Zila Sainik Boards in all states and union territories.

#### **2. EXERCISE DRONE PRAHAR:**

**Recent** - The Indian Army recently held Exercise Drone Prahar in Arunachal Pradesh.

It is a high-tech military drill conducted by the Indian Army to validate the integration of drone technology into tactical battlefield operations.

It was conducted at the military station at Rayang in Arunachal Pradesh's East Siang District.

#### **3. SYSTEM FOR PENSION ADMINISTRATION:**

**Recent** - Many ex-servicemen say the SPARSH (System for Pension Administration Raksha) has only added to their troubles — from inaccessible interfaces to endless corrections that never seem to stick.

It is an initiative of the Ministry of Defence, Government of India.

**Objective:** Meeting the pension sanction and disbursement requirements for Armed Forces viz. Army, Navy, Air Force and Defence Civilians.

It is administered by the Defence Accounts Department through the Principal Controller of Defence Accounts (Pensions), Prayagraj and shall cater to all the three Services and allied organisations.

#### **4. EXERCISE BOLD KURUKSHETRA:**

**Recent** - The 14th edition of the Exercise Bold Kurukshetra 2025, is set to commence at Jodhpur and will continue till 04 August 2025.

It is a joint military exercise conducted between India and Singapore.

It was first conducted in 2005, this exercise underscores the strong and long-standing bilateral defence relationship between both countries and enhances cooperation between the two armies.

#### **5. NEW WASP SPECIES:**

**Recent** - scientists from the Zoological Survey of India (ZSI) have announced the discovery of four new species of spider-egg parasitic wasps, all from the State of West Bengal.

The new species of parasitoid wasps belong to the genus Idris (Hymenoptera: Scelionidae).

These tiny wasps — Idris bianor, Idris furvus, Idris hyllus, and Idris longiscapus — were collected from agroecosystems and semi-natural habitats across West Bengal.



## DAILY DOSE

### **CURRENT AFFAIRS – 29/07/2025**

#### **1. GEOSYNCHRONOUS SATELLITE LAUNCH VEHICLE:**

**Recent** - Ahead of the launch of the NASA-ISRO NISAR satellite, the ISRO recently announced that the satellite had been mounted on a geosynchronous satellite launch vehicle (GSLV), and all systems of the rocket had been checked.

It is a space launch vehicle designed, developed, and operated by the Indian Space Research Organization (ISRO) to launch satellites and other space objects into Geosynchronous Transfer Orbits (GTOs).

GSLV has the capability to put a heavier payload in orbit than the Polar Satellite Launch Vehicle (PSLV).

3 stages – solid, liquid and cryogenic stage.

#### **2. BAITARANI RIVER:**

**Recent** - The Baitarani river briefly surged past the danger mark, triggering floods that have inundated several low-lying villages across Bhadrak district, Odisha, recently.

It is an important east-flowing river in eastern India, primarily flowing through Odisha and partially through Jharkhand.

Baitarani, along with rivers like Mahanadi and Brahmani, forms a fertile delta.

Baitarani originates from the Gonasika Hills in Keonjhar district, Odisha, at an elevation of 900 meters above sea level.

#### **3. GAVRI FESTIVAL:**

**Recent** - Every year, the Bhil community of Mewar embarks on a 40-day ritual called Gavri.

It is a 40-day festival of dance-drama which is performed by the Bhil community of Rajasthan.

It is a fusion of act and dance, dedicated to the fight between goddess and demon.

This most popular southern Rajasthani ritual reflects the divine perception of the Bheel tribe.

#### **4. BRIHADISVARA TEMPLE:**

**Recent** - the Prime Minister of India prayed at the Brihadisvara Temple, Gangaikonda Cholapuram in Tamil Nadu and described it as a "deeply spiritual experience".

It is also known as Peruvudaiyar Kovil is located in Thanjavur, Tamil Nadu.

It is dedicated to Lord Shiva represented as a huge 'Lingam' .

The temple was built around 1010 AD by the Chola king Rajaraja Chola I.

It is revered as one of the three 'Great Living Chola Temples,' alongside the Gangaikondacholeeswaram Temple and Airavatesvara Temple, and is a proud UNESCO World Heritage Site.

#### **5. PAITHANI SAREES:**

**Recent** - the Prime Minister of India in the monthly radio programme praised the traditional craftsmanship of Paithani sarees.

It is known as the 'mahavastra of the state of Maharashtra' .

It is known for its rich, vibrant colors woven in pure silk and gold zari.

The birthplace of Paithani, is the medieval town of Paithan, located on the banks of the River Godavari.



## DAILY DOSE

### **CURRENT AFFAIRS – 30/07/2025**

#### **1. SOFI REPORT 2025:**

**Recent** - According to the 'State of Food and Nutrition in the World' (SOFI) 2025 report, hunger affected up to 720 million people worldwide in 2024 — around 8.2 per cent of the global population.

It is an annual report prepared by five UN agencies — Food and Agriculture Organization (FAO), IFAD (International Fund for Agricultural Development), UNICEF (UN Children's Fund), WFP (World Food Programme), and WHO (World Health Organization).

It presents the latest data and analysis on hunger, food security and nutrition worldwide.

#### **2. EXERCISE DIVYA DRISHTI:**

**Recent** - The Indian Army recently conducted 'Exercise Divya Drishti' in the high-altitude regions of East Sikkim to test advanced military technologies.

It is a high-altitude technology demonstration exercise conducted by the Indian Army in East Sikkim.

It was designed to test new technologies that are designed to improve battlefield awareness, real-time surveillance, and quick decision-making.

#### **3. BIGHA:**

**Recent** - The Assam government recently launched an eviction drive to clear 11,000 bighas of encroached forest land in Uriamghat area of Golaghat district.

Bigha is a traditional unit of land measurement commonly used in India, Bangladesh, and Nepal.

Popular in states where farming is common, it helps measure large agricultural land tracts as well as residential land.

The states which use Bigha for land measurement are Haryana, Punjab, Rajasthan, Madhya Pradesh, Assam, Uttar Pradesh, Bihar, West Bengal, Gujarat, Himachal Pradesh, Jharkhand, and Uttarakhand.

#### **4. MANSA DEVI TEMPLE:**

**Recent** - A tragic stampede near Haridwar's Mansa Devi temple claimed eight lives and injured 28 others recently.

It is a Hindu temple dedicated to the goddess Mansa Devi, a form of Shakti (Goddess Durga).

It is located in the city of Haridwar in Uttarakhand.

The temple is located atop the Bilwa Parvat on the Sivalik Hills, the southernmost mountain chain of the Himalayas.

The temple, also known as Bilwa Tirth, is one of the Panch Tirth (Five Pilgrimages) within Haridwar.

#### **5. CHRONIC TRAUMATIC ENCEPHALOPATHY:**

**Recent** - The 27-year-old suspected gunman behind the recent deadly shooting inside the NFL's headquarters building in New York City reportedly left behind a multi-page suicide note pointing to chronic traumatic encephalopathy (CTE) as a key factor in his actions.

It is a degenerative brain condition that happens after repeated head injuries.

It causes the death of nerve cells in the brain, known as degeneration.

CTE has been most commonly observed in athletes involved in contact sports such as American football, boxing, and hockey, as well as military veterans exposed to blast injuries.

The condition typically develops years after repeated head trauma and worsens over time.

PRABHA IAS ACADEMY



## DAILY DOSE

### **CURRENT AFFAIRS – 31/07/2025**

#### **1. COP 30 CLIMATE SUMMIT:**

**RECENT:** The 2025 United Nations Climate Change Conference, COP30, is set to take place in Belem, Brazil.

It gathers nearly all countries worldwide to negotiate global climate action. This year's venue is Belem, a city in the Amazon rainforest region of Brazil.

#### **2. INDIGENOUS AI DEVELOPMENT:**

**RECENT:** India is rapidly advancing its artificial intelligence capabilities through the IndiaAI mission.

IndiaAI supports the creation of indigenous Large Language Models (LLMs) and smaller language models trained on Indian datasets.

These models understand local dialects and cultural nuances better than foreign models.

#### **3. MOUNT CILQ:**

**RECENT:** According to our researchers, the glaciers of Mount Cilo have had almost 50% of their ice cover in 40 years.

It is located southeast of Lake Van and the southeast end of the Taurus mountain range in the Anatolia region of Turkey.

The glaciers of Mount Cilo, which rises to 4,135 meters in the province of Hakkari on the Iraqi border, are the second largest in the country behind those of Mount Ararat (5,137 meters ).

#### **4. DIGITAL PAYMENT INDEX:**

**RECENT:** The Reserve Bank of India (RBI) announced that its Digital Payments Index (RBI-DPI) surged to 493.22 in March 2025, up from 465.33 in September 2024.

It has been constructed by the Reserve Bank of India to measure the extent of digitisation of payments across the country.

It was first launched in January 2021.

It is based on multiple parameters and reflects the expansion of various digital payment modes accurately.

### **5. CRIB BLOOD GROUP:**

**RECENT:** A new blood group CRIB, previously unidentified anywhere in the world, has been discovered in a South Indian woman from Kolar district in Karnataka.

It is part of the Cromer (CR) blood group system and, in recognition of its origin, has been officially named CRIB, with 'CR' representing 'Cromer' and 'IB' standing for 'India', 'Bangalore'.

This historic announcement was made at the 35th Regional Congress of the International Society of Blood Transfusion (ISBT) held in Milan, Italy.