

ನಮಃ FORESIGHT

KAS/ACF/PSI/VA/AO/PDO



MONTHLY MAGAZINE

AUGUST-2024

NEWS-INSHORTS



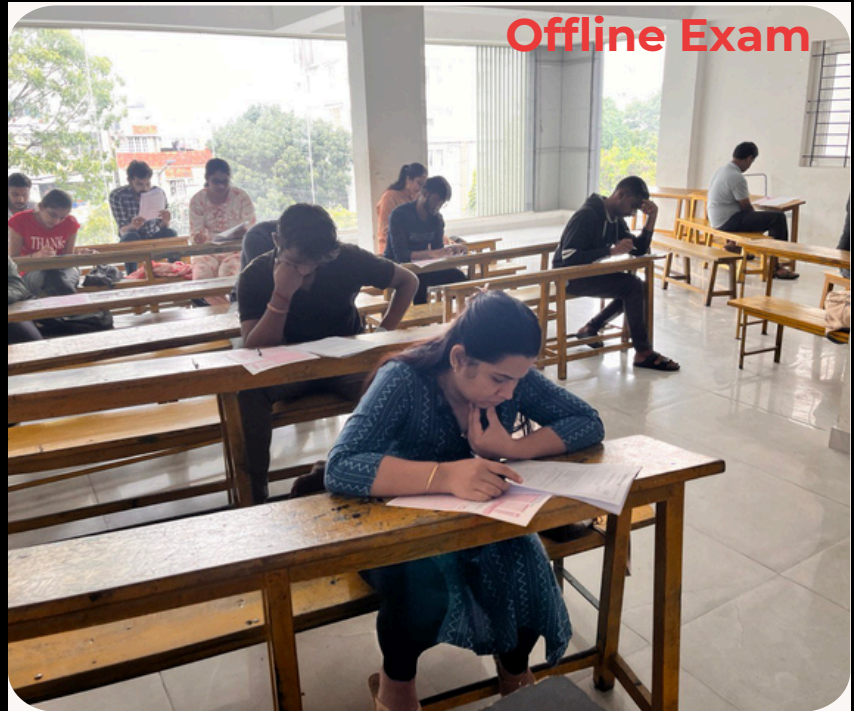
- First 'health ATM'
- **DengiAll** is India's first indigenous dengue vaccine
- Adivasi Knowledge Centre called **KAANU**
- Karwar is the only all weather port
- **Suraksha 75** — is ₹100 crore.
- “Thousand Sails” satellite constellation
- WHO has declared **mpox** global public health emergency

FOCUS



- Days & Themes
- Current Affairs - **KAS Mains**

KARNATAKA/INDIA/INTERNATIONAL-CURRENT AFFAIRS



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AUGUST CURRENT AFFAIRS -2024

- The four mobile applications launched are — **Parisara Jalsnehi, Jala Samrakshak, Antharjala, and Jalamithra**. by Bangalore Water Supply and Sewerage Board (BWSSB), Parisara Jalsnehi mobile application will monitor treated sewage from sewage treatment plants (STPs)
The Jala Samrakshak application will be used for penalising those who use drinking water for non-essential purposes
Jalamithra app was launched to monitor the leakage of water, drains issues, and also for other purposes of the BWSSB.

- Government of Karnataka launched a 'Digital Detox' initiative in partnership with All India Game Developers Forum (AIGDF) at Bengaluru GAFX with special focus on gaming and social media

Srinagar has been recognized as the **4th Indian city** to be named a 'World Craft City' by the World Crafts Council,

The other Indian cities previously honored with this title include:

Smt Kamaladevi Chattopadhyay founded the Craft Council of India attended the 1st WCC General Assembly.

1. 1st city - Jaipur - 2015
2. 2nd city - Mamallapuram - 2015
3. 3rd City - Mysore - 2018
4. 4th city - Srinagar - 2024

- Karnataka launches the first 'health ATM' initiative under the '**Arogya Mitra**' scheme, it was unveiled in Kalaburagi by Chief Minister Siddaramaiah.

- **Ram Narain Agarwal**, the renowned Defence Research and Development Organisation (DRDO) missile scientist and "**Father of Agni Missiles**"

- **DengiAll** is India's first indigenous dengue vaccine, and the first to undergo a phase 3 clinical trial in the country by **Panacea Biotec**, an Indian pharmaceutical company

India Expands its Ramsar Wetland Network

3 New wetlands added to the Ramsar Sites:

Nanjarayana Bird Sanctuary, Tamil Nadu

Kazhuveli Bird Sanctuary, Tamil Nadu

Tawa Reservoir, Madhya Pradesh

India increases the tally of Ramsar sites to 85

oft, silvery-white non-ferrous metal and is one of the key components in rechargeable batteries

- India is set to open its first **lithium mines** in the **Katghora region of Korba district, Chhattisgarh**, following the Geological Survey of India (GSI) confirming significant lithium reserves

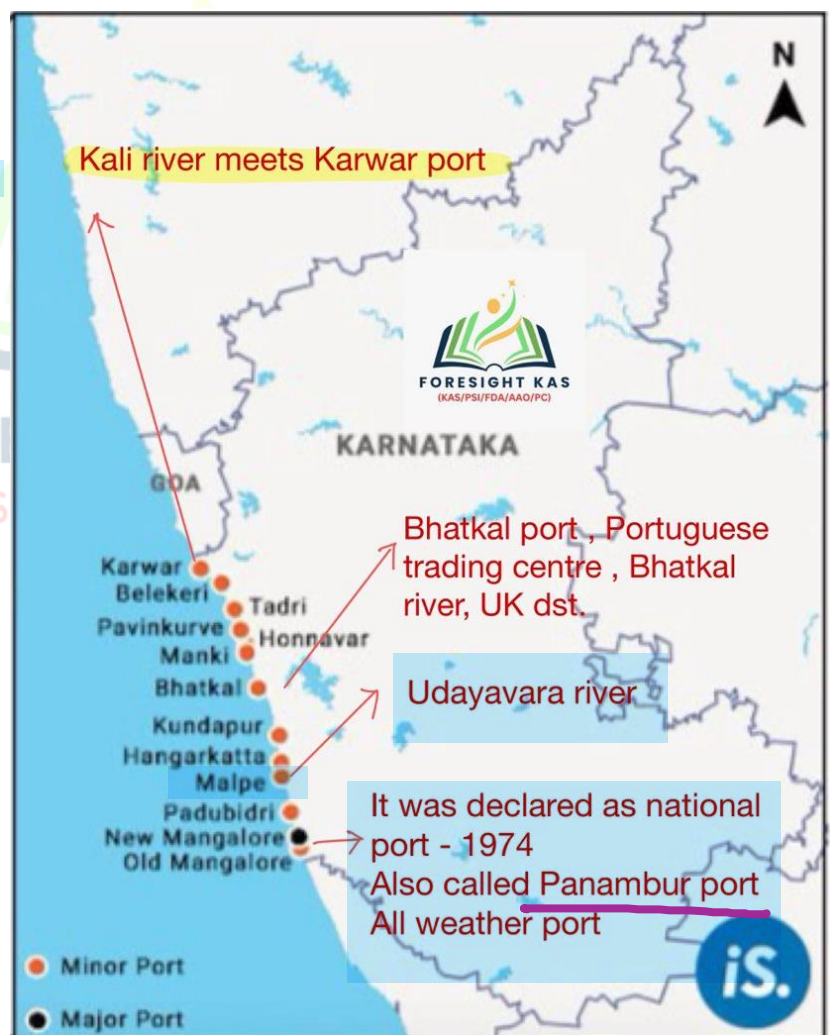
ABC

Chile is renowned for having the **largest lithium reserves globally**, holding 36% of the world's total

MBT
MEMORY BOOSTER
TECHNIQUES



- Mission **RHUMI-1** was the launch of India's first reusable hybrid rocket, which took place on August 2024 from Thiruvudandhai in Chennai. The rocket was developed by **Space Zone India**, a Tamil Nadu-based startup.
- South Indian Adivasi Knowledge Centre called '**KAANU**' was launched in Karnataka. (Chamarajanagar) Kaanu" means "**evergreen forest**" in Kannada and Soliga. Kaanu aims to be the first knowledge center dedicated to the past, present, and culture of South Indian Adivasi communities
- India's largest deep-water port is **Vadhvan Port**, which is being built in Palghar, Maharashtra. Prime Minister Narendra Modi laid the foundation stone for the port on August 2024
- The Karnataka State has a maritime coastline of 155 nautical miles (300 kilometers), studded by twelve minor ports between Karwar in the north and mangalore in the south, flanked by a Uttara Kannada and Dakshina Kannada Districts. The ten minor ports of the site are karwar, Belekeri, Tadri, Pavinkurve, Manki, Honnavar, Bhatkal, Kundapur, Hangarkatta, Malpe, Padubidri and old Mangalore. Out of these ports, **Karwar** is the only all weather port



- India's first multinational air exercise, '**Tarang Shakti 2024**', will be hosted in Sular, Tamil Nadu. The exercise will involve nearly 30 countries, with ten participating with fighter aircraft.
- India will host the **32nd International Conference of Agricultural Economists (ICAE)** in

New Delhi from August 2024, marking its first time hosting since 1958. The conference, organized by the **International Association of Agricultural Economists (IAAE)** and other key institutions, will focus on **"Transformation Towards Sustainable Agri-Food Systems."** This event will gather around 1,000 delegates, including leading agricultural economists from 75 countries, and aims to address global agricultural issues and sustainable food systems. Prime Minister will inaugurate the conference, highlighting India's significant role in this international event.

- India and Vietnam are collaborating to develop the **National Maritime Heritage Complex (NMHC) in Lothal**, Gujarat. Lothal, a small settlement built on low-lying ground near a tributary of the **Sabarmati River** on the west side of the **Gulf of Khambhat- The World's Oldest Dock**

NATIONAL MARITIME HERITAGE COMPLEX (NMHC)



- Travel and Tourism Development Index (TTDI) for 2024 released by the World Economic Forum, India secured the 39th position.**

World Heritage Committee, consisting of representatives from 21 States Parties elected by their General Assembly of UNESCO, meets once a year.

- India hosted the **46th session** of the **World Heritage Committee Meeting** for the first time from 21st to 31st July 2024, at **Bharat Mandapam in New Delhi**. This event underscored India's longstanding involvement with the World Heritage Convention since 1977. The session was inaugurated by Prime Minister Narendra Modi, who announced a **\$1 million grant to the UNESCO World Heritage Centre**, supporting capacity building and conservation efforts. Additionally, the meeting resulted in the inscription of 24 new World Heritage Sites, **with Moidams from Assam becoming India's 43rd World Heritage Site**.

ASSAM'S 700-YO 'MOIDAMS' GET UNESCO WORLD HERITAGE SITE STATUS



mound-burial system of the royals of the Ahom dynasty in Assam's Charaideo district (13th century-19th century).

- India is set to host the **3rd Voice of the Global South Summit** on August, 2024. This summit will be led by Prime Minister Narendra Modi and aims to address significant global issues such as conflicts, development, and climate change. The event is intended to strengthen cooperation among **developing nations** from **Latin America, Africa, and Asia**, continuing the themes of unity and growth from previous summits. India's role in

123 countries (China & Pakistan not invited)

refers to technically and socially less developed countries which are located in Southern Hemisphere, primarily in Africa, Asia, and Latin America.

Brandt Report proposed a division between North and South countries based on various parameters such as technological advancement, GDP

1 and 2nd

hosting this summit underscores its commitment to fostering dialogue and collaboration among emerging economies.

- ✓ Australia has announced the **Maitri Research and Cultural Partnerships** Grants to foster collaboration with India. These grants support projects in sustainable manufacturing, energy transition research, and artistic endeavours, with the goal of strengthening bilateral ties and promoting closer cooperation between the two nations.
- ✓ The estimated cost of the project — **Suraksha 75** — is ₹100 crore. BBMP redeveloping junctions prioritising **pedestrian safety**
- ✓ **Muhammad Yunus**, the Nobel laureate, was appointed to lead Bangladesh's interim government following the resignation and flight of former Prime Minister Sheikh Hasina. This decision was made after a meeting involving President Mohammed Shahabuddin.
- ✓ China is launching the "**Thousand Sails**" **satellite constellation** as a direct competitor to SpaceX's Starlink network. This new initiative aims to establish a global low-Earth orbit (LEO) satellite Internet network similar to Starlink. The first 18 satellites have already been deployed, with plans to expand the constellation to 648 satellites by next year and 15,000 by the end of the decade.
- ✓ **The Neelakurinji** (*Strobilanthes kunthiana*), a **flowering shrub native to the montane grasslands of southwest India**, has recently been added to the International Union for Conservation of Nature (IUCN) Red List of Threatened Species. Known for its rare mass blooming event that occurs once every 12 years, the Neelakurinji has been classified as **Vulnerable under the IUCN criteria**.
- **Germany scientists have discovered fungi capable of breaking down plastics, particularly polyurethane.** These fungi, primarily from the genera *Aspergillus* and *Pestalotiopsis*, can degrade plastics, offering a potential solution to plastic waste.
- ✓ **The world's oldest solar calendar was discovered at Göbekli Tepe**, a renowned archaeological site in southern Turkey. This discovery highlights the advanced astronomical knowledge of the people who lived nearly 13,000 years ago.
- Indian wrestler Vinesh Phogat's **disqualification** for exceeding weight limits at the Paris Olympics 2024 sparked controversy and led to her appeal for a shared silver medal. Phogat, competing in the 50kg Freestyle category, was disqualified for exceeding the 50kg weight limit. She received a 10% reduction in her score and was subsequently disqualified for the violation

33 subpopulations in the Western Ghats and one in the Eastern Ghats (Yercaud, Shevaroy Hills) Nilgiri Hills (Literally meaning the blue mountains), got their name from the blue flowers of Neelakurinji. The Paliyan tribes (in Tamil Nadu) use it as a reference to calculate their age.

- The World Health Organization has declared **mpox (formerly known as monkeypox)** **global public health emergency** after an outbreak in the **Democratic Republic of Congo**, spreading to several African countries including Burundi, Kenya, Rwanda, and Uganda, **Sweden reported its first case outside Africa** of a more dangerous variant of mpox, known as the **Clade 1b subclade**, which has been causing a severe global outbreak in the Democratic Republic of Congo since 2023.

✓ India finished **71st** in the medal tally at the **Paris Olympics 2024**, marking a decline from its 48th place in the **Tokyo 2020 Olympics**. Despite winning six medals, including one silver and five bronze, the nation faced numerous challenges and near misses. –

KAS Mains topic also

✓ virus of the Rhabdoviridae family, that causes rabies. initially with flu-like symptoms then progress to altered sensorium or seizures and encephalitis

- **Many children have died of suspected Chandipura virus (CHPV) infection in Gujarat**, **CHPV is transmitted by various species of sandflies, such and mosquitoes such as Aedes aegypti (vector for dengue)**. It primarily affects children **under 15 years old**. endemic to the central part of India,

- A **Kannada Medium school in Sullia, Karnataka**, is pioneering a unique educational approach by integrating a paddy field into its campus. This innovative project is designed to provide students with an immersive learning experience in the practical aspects of food cultivation. – KAS Essay or Mains

- India has announced its largest **Paralympic delegation to Paris 2024**, comprising 84 athletes, with an increased representation of women to 32 participants. This marks a significant improvement from Tokyo 2020, where India had sent 54 athletes with only 14 women.

- The **Indian Space Research Organisation (ISRO)** has announced its plan to launch the first base module of India's first manned space module, **the Bharatiya Antariksh Station, by 2028**. This initial module will be robotic, marking the first step towards fully assembling **the space station by 2035**. The project is part of India's expanding ambitions in space exploration, which also includes developing new-generation rockets and reducing space debris. The 2028 launch marks a significant milestone in India's journey to establish a permanent presence in space.

- ✓ Australia has taken a significant step towards work-life balance by introducing the **'Right to disconnect' law**. This legislation enables employees to disregard work-related communications outside of their regular working hours, promoting a healthier separation between work and personal life.

- ✓ **Rufus is Amazon's AI shopping assistant**, designed to enhance the shopping experience in India. It provides personalized product suggestions, and comparisons, and answers queries, offering tailored advice for informed purchasing decisions

- Cyclone 'Asna,' forming in the northeastern Arabian Sea, is posing a significant threat to Gujarat, particularly the Kutch district, with heavy rain and strong winds.

Important national and International Days

Day	Importance	Theme
07 th August 2024	National handloom day	Weaving Sustainable Futures
09 th August 2024	international day of world's indigenous peoples 2024	Protecting the Rights of Indigenous Peoples in Voluntary Isolation and Initial Contact
10 th August 2024	world biofuel day	Sustainable Biofuels: Fueling a Greener Future
12 th August 2024	International Youth Day	Youth Digital Pathways for Sustainable Development
13 th August 2024	World Organ Donation Day	Be the Reason for Someone's Smile Today
19 th August 2024	World Humanitarian Day	ActForHumanity
29 th August 2024	National Sports Day	Sport for the Promotion of Peaceful and Inclusive Societies

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KAS Mains practice Questions – Current Affairs (Time: 30 Minutes)

1. Discuss the importance of mangroves in Karnataka and the challenges they face in conservation.- 150 words (KAS mains model question) expected
2. How might the launch of the Bharatiya Antariksh Station by 2028 impact India's position in the global space exploration community?
3. What challenges might India face in balancing environmental concerns with the increased mining and extraction of minerals in the context of Western Ghats?
4. In what ways could the Global South Summit foster more equitable partnerships and address shared challenges like climate change, economic inequality, and resource access?

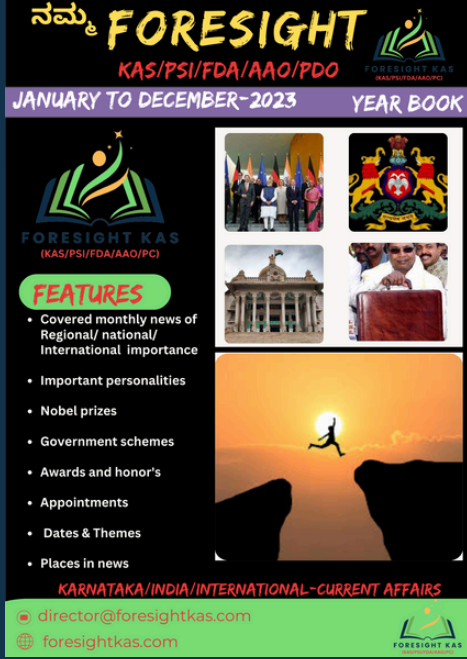
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Year Book -2023



Monthly Current Affairs



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