

Daily Current Affairs

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Gajraj System

- The **Indian Railways** has initiated a pioneering step towards wildlife conservation by deploying the “**Gajraj system**,” an Artificial Intelligence (AI)-based solution designed to **prevent elephant fatalities** on railway tracks.
- This surveillance system is being implemented along a **700-kilometer stretch** in forest areas to alert locomotive pilots of elephants’ presence on the tracks, thereby **mitigating the risk of collisions**.
- The total cost of the project implementation on the 700-km tracks will be **₹181 crore**. It is a kind of **Intrusion Detection System** or IDS.



- It is built to use the existing **optical fiber cable (OFC)** as sensors to identify elephant movements near railway tracks and alert locations to station masters, loco pilots, and control offices.
- The Indian Railways has chosen the **Northeast Frontier Railways** to pilot this program and implement this new, cutting-edge technology in some of the worst affected areas.
- Every time an elephant steps onto the track, the system alerts the train controller, station master, train drivers, and other stakeholders who take precautionary measures to avoid imminent danger.
- A real-time alarm is generated when a movement is detected.

Kanchan Devi

- **Kanchan Devi**, 1991-batch **Indian Forest Service Officer** from the Madhya Pradesh cadre, has been appointed as the **Director General (DG)** of the Indian Council of Forestry Research Education (ICFRE).
- This marks a historic milestone, with Kanchan becoming the **first woman officer** to ascend to this esteemed position within the premier council operating under the **Union Ministry of Environment, Forest, and Climate Change**.



- The Indian Council of Forestry Research and Education (ICFRE) stands as an autonomous organization under the Ministry of Environment, Forest, and Climate Change, Government of India.
- With its **headquarters in Dehradun**, the ICFRE plays a crucial role in conducting forestry research, transferring developed technologies to states and user agencies, and imparting forestry education.
- Established in 1986 under the Central Ministry of Environment and Forests, ICFRE is the largest organization responsible for forestry research in India.



Vaishali Rameshbabu

- **Vaishali Rameshbabu**, a 22-year-old **chess player** from India, has recently earned the title of **Grandmaster at the IV El Llobregat Open in Spain**.
- This achievement makes her only the **third woman from India** to become a Grandmaster, following in the footsteps of Koneru Humpy and Harika Dronavalli.



- Her victory over Turkish FM Tamer Tarik Selbes was pivotal in crossing the 2500 FIDE rating threshold required for the Grandmaster title.
- This accomplishment is particularly significant as it makes Vaishali and her younger brother, Rameshbabu Pragganandhaa, the **first brother-sister pair** in history to both hold Grandmaster titles.
- They have also become the first brother-sister duo to qualify for the Candidates, a prestigious chess tournament.

Forbes Asia Heroes Of Philanthropy List

- Three prominent Indian business leaders – **Nandan Nilekani, KP Singh and Nikhil Kamath**, have earned a coveted spot on the 17th edition of **Forbes Asia's Heroes of Philanthropy list**.
- Released recently, this unranked compilation recognizes individuals who leverage their **fortunes and personal resources** to contribute significantly to various charitable causes.
- **Nadan Nilekani**, co-founder and chairman of the renowned tech **giant Infosys**, has been acknowledged for his substantial contribution of Rs.3.2 billion (USD 38 million) to his alma mater, IIT Bombay.



Nandan Nilekani, KP Singh, Nikhil Kamath On Forbes Asia Heroes Of Philanthropy List

- **KP Singh**, chairman emeritus at **DLF**, made a remarkable move in August by divesting his remaining direct stake in the renowned real estate firm he once chaired.
- **Nikhil kamat**, co-founder of **Zerodha**, is another notable name on the list. While the specifics of his philanthropic contributions are not detailed in the available information, his inclusion underscores the growing trend of business leaders across diverse sectors engaging in philanthropy.

India Internet Governance Forum

- The **Internet Governance Forum (IGF)** is a multi-stakeholder platform bringing together representatives from various groups, considering all to be at par to discuss **public policy issues related to the Internet**.
- After successfully convening the first two edition of the IIGF in 2021 and 2022, the third edition of the IIGF is being conducted under the overarching theme **“Moving Forward – Calibrating Bharat’s Digital Agenda”**.
- The event is an effort to **delve deeper into issues** such as building a secure, trusted & resilient cyberspace for Bharat, Enabling Innovation for India’s Developmental Goals, Bridging Divides and Calibrating Bharat’s Digital Agenda – on Leadership for Global Digital Governance & Cooperation.
- For attendees in person the event is being held at **Bharat Mandapam**, Pragati Maidan, New Delhi.
- The India Internet Governance Forum is an initiative associated with the **UN Internet Governance Forum (UN IGF)**.
- The Internet Governance Forum (IGF) is a multi-stakeholder platform bringing representatives together from various groups, all at par to discuss public policy issues related to the Internet.

- The IGF facilitates a common understanding of how to maximise Internet opportunities and address risks and challenges that may arise.



Mount Merapi

- In a devastating turn of events, at least **11 hikers** have been confirmed **dead following the eruption of Mount Marapi** in western Indonesia.
- Here were a total of 75 hikers on the mountain who rescue workers were trying to account for. Twelve were still missing and 49 had descended, some of whom had been taken to hospital.
- Mount Marapi on the **island of Sumatra**, with a peak of 2,891 metres (9,484 feet), erupted sending a tower of ash 3,000 metres into the sky.

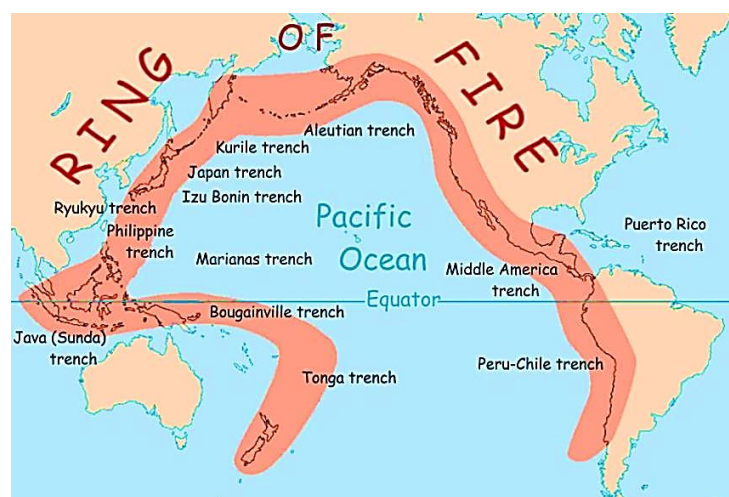


- Marapi is on the **second alert level** of Indonesia's four-step system and authorities have imposed a three-kilometre exclusion zone around its crater.

- Indonesia sits on the **Pacific’s so-called “Ring of Fire”** and has 127 active volcanoes, according to the country’s volcanology agency, including the 2,891-metre (about 9,500 ft) Mount Marapi.
- Located on the border between the **Central Java and Yogyakarta provinces**, it is considered the most active volcano in Indonesia and has erupted regularly since 1548.



- The Indonesian archipelago, situated in the Pacific Ring of Fire, experiences **heightened volcanic and seismic activity** due to the convergence of continental plates.
- Along much of the Ring of Fire, plates overlap at convergent boundaries called subduction zones.
- That is, the plate that is underneath is pushed down, or subducted, by the plate above.



Kolkata Inaugurated FITEXPO INDIA 2023

- The **FITEXPO INDIA 2023**, one of Asia's premier sports, fitness, and wellness trade expos, **in Kolkata**.
- The grand inauguration ceremony was attended by notable dignitaries, including the Guest-of-Honour, **Shri Radhe Shyam Goenka**, Chairman, Emami, and prominent figures from the fitness, sports, and wellness industry.
- The mega expo, sprawling over 3 lac sq feet of indoor and outdoor space, is set to captivate over 5000 fitness, sports, and wellness enthusiasts.



- With an expected footfall of over 1.25 lac, **FITEXPO INDIA 2023** is poised to be a colossal success.
- The expo caters to both **business-to-consumer (B2C)** and **business-to-business (B2B)** interactions, making it a holistic affair.
- Described as a '**Kumbh Mela**' for sports, fitness, and wellness, FITEXPO INDIA connects with the growing base of enthusiasts and practitioners.
- Mr. Gagan Sachdev, founder-director of the expo, emphasized the significant growth of the Indian sports, fitness, and wellness sector, now five times larger under initiatives like Khelo India and Fit India.

REVIEW QUESTIONS

1. "Gajraj System," Is Initiated By

- A. Ministry Of Railways
- B. Ministry Of Agriculture
- C. World Wide Fund
- D. IUCN

ANSWER: A

2. Who Is Chosen To Pilot Gajraj System

- A. Southern Railways
- B. Central Railways
- C. Eastern Railway
- D. Northeast Frontier Railways

ANSWER: D

3. Who Appointed As First Woman Director General Of ICFRE

- A. Kalpana Devi
- B. Kanchan Devi
- C. Sheetal Deshmukh
- D. Kritika Bansal

ANSWER: B

4. HQ Of Indian Council of Forestry Research & Education

- A. Chennai
- B. Gorakhpur
- C. Dehradun
- D. Hyderabad

ANSWER: C

5. India Internet Governance Forum Held In

- A. Punjab
- B. New Delhi
- C. Andhra Pradesh
- D. Uttar Pradesh

ANSWER: B

6. Mount Merapi Is Situated In

- A. Kenya
- B. Indonesia
- C. Hawaii
- D. Chile

ANSWER: B

7. FITEXPO INDIA 2023 Is Inaugurated In

- A. New Delhi
- B. Chennai
- C. Kolkata
- D. Bhubaneswar

ANSWER: C

8. Arshia Sattar Honoured With Which French Distinction For Her Contributions To Indian Literature And Mythology

- A. Knight of the Order of the Legion of Honour
- B. Commander of the National Order of Merit
- C. Knight of the Order of Arts and Letters
- D. Officer of the Order of Academic Palms

ANSWER: C

9. Who Assumed Position Of Director General (Inspection & Safety) At Air HQ New Delhi

- A. Air Marshal Sanjeev Kapoor
- B. Air Marshal Rakesh Kumar Singh Bhadauria
- C. Air Marshal Makarand Ranade
- D. Air Marshal RK Dhir

ANSWER: C

10. What Is The Purpose Of Amplifi 2.0, Launched By MOHUA

- A. To Promote Cultural Events In Urban Areas
- B. To Centralize City Data For Informed Urban Policy-making
- C. To Enhance Agricultural Practices In Rural Areas
- D. To Facilitate International Trade Partnerships

ANSWER: B

11. Who Received PRSI Award For Contributions To Public Relations Society Of India & Public Relations Industry

- A. Prathap C. Reddy
- B. Sriram Iyer
- C. Suneeta Reddy
- D. Suganthy Sundararaj

ANSWER: D

12. Which Pavilion Received Prestigious Gold Medal For "Excellence In Display" In State Pavilion Category At IITF-2023

- A. Delhi Pavilion
- B. Maharashtra Pavilion
- C. Gujarat Pavilion
- D. Odisha Pavilion

ANSWER: D

13. Reason Behind Foxconn's \$1.5 Billion Investment In India

- A. To Support Apple's Expansion In The Indian Market
- B. To Strengthen Its Presence In China
- C. To Diversify Its Manufacturing Beyond China
- D. To Compete With Technological Rivals In India

ANSWER: C

14. Krishnaveni Sangeetha Neerajanam Festival Is Associated With Which State

- A. Tamil Nadu
- B. Andhra Pradesh
- C. Kerala
- D. Karnataka

ANSWER: B

15. Which Country Reached An Agreement With India & Paris Club Group Of Creditors On A Debt Treatment Plan

- A. Afghanistan
- B. Israel
- C. Sri Lanka
- D. Syria

ANSWER: C

16. Who Has Been Appointed As Head Coach Of Indian Cricket Team By BCCI

- A. Rahul Dravid
- B. Sachin Tendulkar
- C. Wasim Akram
- D. Mohammad Kaif

ANSWER: A

17. Codex Alimentarius Commission In News, Was Established By

- A. FAO and UNICEF
- B. FAO and WHO
- C. UNICEF and UNESCO
- D. World Bank and IMF

ANSWER: B

18. What Was The Theme Of World AIDS Day 2023

- A. Bridges of Understanding
- B. Harmony in Healing
- C. Let Communities Lead
- D. Community for Healing

ANSWER: C

19. The Common Term Used For False Scarcity Claims, Confirm Shaming, Forced Bundling & Subscription Traps Used In Online

- A. Astroturfing
- B. Gaslighting
- C. Dark Patterns
- D. Sockpuppetry

ANSWER: C

20. Saurauia Pundwana Plant, A Critically Endangered Species, Has Been Recorded For The First Time In Which Indian State

- A. Goa
- B. Manipur
- C. West Bengal
- D. Karnataka

ANSWER: B