

**❖ Amol Muzumdar takes over as head coach of India women's cricket team**

- The Board of Control for Cricket (BCCI) announced the appointment of domestic stalwart Amol Muzumdar as the head coach of the Indian women's cricket team.
- He has served as the head coach of the Mumbai Ranji team till the 2022–2023 domestic campaign.
- He has also held coaching positions with the South African national team and IPL team Rajasthan Royals.
- He scored over 11,000 first-class runs in 171 matches including 30 centuries during his 21-year playing career.
- He has also worked a fair bit at the National Cricket Academy (NCA).
- **About BCCI:**
- **President:** Roger Binny
- **Headquarters:** Mumbai
- **Founded:** December 1928

## ❖ India, EU carry out maiden joint naval exercise in Gulf of Guinea

- India and the European Union (EU) carried out their maiden naval exercise in the Gulf of Guinea off the west African coast to boost maritime security cooperation.
- The exercise followed the third meeting of the EU-India Maritime Security Dialogue in Brussels.
- During the exercise, INS Sumedha, an offshore patrol vessel, was joined by three EU member states' ships - Italian Navy Ship ITS Foscari, French Navy Ship FS Ventôse, and Spanish Navy Ship Tornado.
- The four ships practiced a series of tactical manoeuvres in international waters off the coast of Ghana, including a boarding exercise, a flying exercise using the helicopters embarked on Ventôse and Sumedha, and transfer of personnel between ships.
- The exercise was followed by a knowledge sharing session in Accra, Ghana.

## ❖ Kerala to set up ₹200 crore Graphene production facility in public-private partnership

- The Kerala Government has set up a pilot production facility of Graphene which will cost ₹200 crores.
- The Kerala Digital University would be the implementing agency, and KINFRA has been appointed as a special purpose vehicle for infrastructure development.
- Graphene is the thinnest and strongest material in the world ever known and has good chemical stability, high electrical conductivity, and a large surface area while being transparent and lightweight.

➤ The India Innovation Centre for Graphene, a research and development centre set up for graphene-based technology development that was part of the proposed ecosystem.

➤ **About Kerala:**

➤ **Capital:** Thiruvananthapuram

➤ **Chief Minister:** Pinarayi Vijayan

➤ **Governor:** Arif Mohammed Khan

❖ **Airbus tie-up with IIT Kanpur to promote aerospace education**

➤ The Indian Institute of Technology Kanpur (IITK) and Airbus signed a Memorandum of Understanding (MoU) to facilitate increased collaboration in developing education programmes with a focus on research to foster talent development in the Indian aerospace sector.

➤ **Aim:** To facilitate increased collaboration in developing education programs with a focus on research to foster talent development in the Indian aerospace sector.

➤ **Objective:** To explore collaboration opportunities with global institutes where students will get to work on projects relevant to the sector.

❖ **Goa CM Pramod Sawant launches 'Swayampurna e-bazaar'**

➤ Goa Chief Minister Pramod Sawant launched Swayampurna e-bazaar, an online platform that supports self-help groups.

➤ The government launched this online platform to give market to different kinds of products made by women.

- The Swayampurna e-bazaar is an extension of the successful Swayampurna Chavath Bazar.
- Goan entrepreneurs and self-help groups can contact 9262626262 to join this platform and sell their products online, One can also shop via [www.goaebazaar.com](http://www.goaebazaar.com), thereby supporting rural Goans' artisans and craftsmanship.

➤ **About Goa:**

➤ **Capital:** Panaji

➤ **Chief Minister:** Pramod Sawant

➤ **Governor:** P. S. Sreedharan Pillai

❖ **WV Raman, R Kaushik's book "The Lords Of Wankhede" unveiled at a star-studded function in Bangalore**

- India's triumph at the 1983 World Cup after beating the mighty West Indies marked an epochal shift in the country's cricketing landscape.
- It became the No.1 sport, and by 2011 when India won again, the success was seen as a national rite of passage.
- Former Indian cricketer W.V. Raman and senior journalist R. Kaushik have delved into the 28-year journey of Indian cricket in their new book, The Lords of Wankhede.
- The book was unveiled at a star-studded event, graced by the likes of Dilip Vengsarkar, VVS Laxman, and Venkatesh Prasad, among others, at the Century Club.

## ❖ **China launches Shenzhou-17 mission to Chinese space station**

- China launched the Shenzhou-17 manned spaceship from the Jiuquan Satellite Launch Center in northwest China.
- A Long March-2F carrier rocket, carrying the Shenzhou-17 spacecraft with three Chinese astronauts, known as taikonauts, blasted off.
- This is the 30th flight mission of China's manned space program, all of which are successful, and the 12th manned mission of the program.
- The spaceship will conduct a fast automated rendezvous with China's space station assembly, forming a combination of three modules and three spaceships.
- The space station assembly has entered the docking orbit and is in excellent working condition, ready for docking with the Shenzhou-17 spaceship.
- The trio will be welcomed by the Shenzhou-16 crew and conduct the country's third in-orbit rotation.
- **About China:**
- **Capital:** Beijing
- **Currency:** Chinese Yuan
- **President:** Xi Jinping

## ❖ **Robert Fico appointed as Prime Minister of Slovakia**

- Robert Fico has been appointed as prime minister of Slovakia for the fourth time.
- He will attend an EU summit in Brussels where the nation-first populist's fellow leaders should get an early indication.
- President Zuzana Čaputová formally approved the new three-party coalition government led by Fico, whose party won elections last month on pledges to end military aid to Ukraine, slash immigration and defend Slovakian sovereignty.
- Fico has also spoken out against political liberalism, the activities of non-governmental organisations, and more rights for transgender people.
- He has praised neighbouring Hungary's leader Viktor Orbán as a politician defending his country's interests, and could make alliances with Orbán where their interests meet.

## ❖ **Zerodha Fund House Launches Its Maiden Mutual Fund Schemes**

- Zerodha Fund House (ZFH) announced the launch of its maiden funds – Zerodha Nifty LargeMidcap 250 Index Fund and Zerodha ELSS Tax Saver Nifty LargeMidcap 250 Index Fund, open-ended, passive, index equity mutual fund schemes.
- The NFO opened on 20th October 2023 and will remain open till 3rd November 2023.
- It is a joint venture between Zerodha Broking Limited and Smallcase Technologies Pvt Ltd.

- It is India's only passive AMC which will build simple, transparent, affordable mutual funds.
- ZFH will leverage technology at every touchpoint to provide building blocks for every investor's portfolio.

### ❖ **World Day for Audiovisual Heritage 2023 - October 27**

- The annual World Day for Audiovisual Heritage on October 27 reminds us of the importance of archiving and preserving audiovisual sources.
- The 2023 World Day for Audiovisual Heritage theme is **"Your Window to the World."**
- It is also known as AV in short, audiovisual items can be anything from a short clip or a documentary to speeches or music.
- Aim: To provide us with an insight into the social, political, economic, and linguistic realities of a given environment.

### ❖ **Centre Launches 'Dark Patterns Buster Hackathon 2023' to Combat Deceptive Practices in E-Commerce**

- The Department of Consumer Affairs, in partnership with the Indian Institute of Technology (Banaras Hindu University), has officially launched the 'Dark Patterns Buster Hackathon 2023' to address the issue of deceptive practices on e-commerce platforms.
- **Aim:** To create innovative applications and software capable of detecting and preventing dark patterns that harm consumers.

- The 'Dark Patterns Buster Hackathon 2023' encourages participants to design and prototype innovative solutions, including browser extensions, plugins, add-ons, and mobile applications.
- These solutions will be geared towards identifying and combatting various dark patterns on e-commerce platforms.
- The 'Dark Patterns Buster Hackathon 2023' will consist of four rounds, including registration, intra-institute competitions, inter-institute competitions, and the distribution of awards and prizes on World Consumer Rights Day.
- Winners will receive certificates of achievement and cash prizes, with the first prize amounting to INR 10 lakhs, followed by INR 5 lakhs for the second prize, INR 3 lakhs for the third prize, INR 2 lakhs for the fourth prize, and INR 1 lakh for the fifth prize.

#### ❖ **Vikram kicked up over 2-tonne regolith, created 'ejecta halo'**

- The Vikram lander of India's Chandrayaan-3 lunar mission kicked up a bunch of lunar dust and rocks, creating a bright area around the lander when it touched down the Moon's surface on August 23.
- As Vikram descended and subsequently touched down on the lunar surface, it triggered the activation of its descent stage thrusters which resulted in the ejection of a substantial amount of lunar surficial epi-regolith material, creating what scientists are now calling a 'reflectance anomaly' or an 'ejecta halo'.
- The Chandrayaan-3 lander module generated a spectacular 'ejecta halo' of lunar material.
- Scientists from NRSC (National Remote Sensing Centre) estimate that about 2.06 tonnes of lunar epi-regolith were ejected and displaced over an area of 108.4 m<sup>2</sup> around the landing site.

### ❖ **80% of India's population has access to high-speed internet**

- Prime Minister Narendra Modi hailed telecom operators' progress in spreading 5G coverage in urban centres, saying that over 80% of India's urban population now had access to the high speed technology.
- Within a year of 5G launch, about 4 lakh 5G base stations have been built in India, it is the seventh India Mobile Congress event in New Delhi.
- Improving internet connectivity and speed is not just about rankings and numbers, after mentioning Indian networks' jump in global mobile data speed rankings.
- Improving internet connectivity and speed also increases ease of living.
- It becomes easier for the student to connect with his teacher online, the patient has a seamless experience while connecting to his doctor for telemedicine tourists can easily use online maps to find a location.

### ❖ **Mizoram has the highest rate of cancer in India**

- Arunachal Pradesh's Papum Pare district and Aizawl in Mizoram recorded the highest incidence of new cancer cases in the country among females and males respectively, as per a government report.
- The report, released by the Indian Council of Medical Research (ICMR) and National Centre for Disease Informatics and Research (NCDIR), stated that Papumpare district has 219.8 per one lakh cancer cases among females.
- Mizoram's capital Aizawl has 269.4 per one lakh cases among males.
- Northeast India is the cancer capital of the country with the highest age-adjusted cancer incidence rates of newly diagnosed cancer cases.