

## 1. Securities and Exchange Board of India (SEBI)

Topic: Economy

---



भारतीय प्रतिभूति और विनिमय बोर्ड  
Securities and Exchange Board of India

---

**In News:** Securities and Exchange Board of India (SEBI) unveiled its new logo on the occasion of 35th SEBI Foundation Day.

### More on the Topic

- The Securities and Exchange Board of India was **constituted as a non-statutory body** on in 1988 through a resolution of the Government of India.
- The Securities and Exchange Board of India was established as a statutory body in the year 1992 through the provisions of the Securities and Exchange Board of India Act, 1992.
- SEBI Board consists of a Chairman and several other whole time and part time members.
- SEBI also appoints various committees, whenever required to look into the pressing issues of that time.
- **A Securities Appellate Tribunal (SAT)** has been constituted to protect the interest of entities that feel aggrieved by SEBI's decision.
- It has the same **powers as vested in a civil court**. Further, if any person feels aggrieved by SAT's decision or order can **appeal to the Supreme Court**.

### Powers and Functions of SEBI:

- It is a quasi-legislative and quasi-judicial body that can draft regulations, conduct inquiries, pass rulings, and impose penalties.
- Its primary objective is to **protect the interests of Indian investors** in the securities market and promote its development.
- It functions to fulfill the requirements of three categories –
- **Issuers** – By providing a marketplace in which the issuers can increase their finance.
- **Investors** – By ensuring safety and supply of precise and accurate information.
- **Intermediaries** – By enabling a competitive professional market for intermediaries.
- It prohibits fraudulent and unfair trade practices within the securities market and related to it.
- It educates investors about securities markets and their intermediaries.
- It can **regulate any money pooling scheme worth Rs. 100 crore or more** and attach assets in cases of non-compliance.
- SEBI Chairman has the authority to order "**search and seizure operations**".

Source: Indian Express

---

## 2. Command Cyber Operations and Support Wings

Topic: Polity and Governance



**In News:** Army Commanders Conference (ACC) had decided to operationalise Command Cyber Operations and Support Wings (CCOSWs) in the immediate future.

### More on the Topic:

- Cyberspace has emerged as an important component of military domain both in grey-zone warfare as well as conventional operations and Indian Army today is rapidly migrating towards net-centricity, which entails increased reliance on modern communication systems at all levels.

- CCOSWs will **safeguard the networks and increase preparedness levels in this niche domain.**
- Army will also nominate 'Lead Directorates' and 'Test Bed' formations for absorption of niche technologies and enhancing fighting potential.

#### Significance of Cyber Security in National Security:

- Governments and business organisations are increasingly automating their day to day activities, which has led to an increase in cybercrimes and cyber-attacks.
- These attacks include **financial scams, hacking, downloading copyrighted content, illegal pornographic content, virus attacks, cyber stalking and hate crimes against minorities and LGBTQ communities.**
- Adversaries can attack **critical infrastructure like** dams, power & energy, Banking and financial services etc.

#### Government Initiatives in Cyber Security:

- **Indian Cyber Crime Coordination Centre (I4C):** The prevention of cybercrimes is being handled through seven pillars under I4C and CIS Division of Ministry of Home Affairs.
- India's national agency for cybersecurity, **The Indian Computer Emergency Response Team (CERT-In)**, has led to a reduction in cyber-attacks on government networks due to its advancements in tackling the nation's cybersecurity.
- **National Critical Information Infrastructure Protection Centre (NCIIPC)** has been set up.
- **National Cyber Security policy (2013)** has been enacted to enhance cyber security.

Source: IE

## 3. The Third-gen Web

**Topic: Science and Technology**





**In News:** 2021 report by the U.S.- India Strategic Partnership Forum states that the third-gen web will be crucial for India to realise its \$1.1 trillion digital asset opportunity by 2032.

**More on the Topic:**

- World Wide Web is a collection of websites or web pages stored in web servers and connected to local computers through the internet.
- “Web3” and “Web 3.0” are two terms used interchangeably to refer to the third generation of the internet.
- For some experts, Web3 is decentralised, privacy-oriented, blockchain-driven and crypto-asset friendly; while Web 3.0 upholds the property of the ‘semantic web,’ which is powered by Artificial Intelligence (AI).
- Web3 seeks to radically transform the manner in which data is generated, monetised, shared and circulated.
- Web3 seeks to overcome the data storage barriers of blockchains.

**How India can benefit from Web 3?**

- **Protecting Intellectual property:** India’s handcraft industry is renowned for design-related innovations, many of which are not protected by Intellectual Property rights. The digital tokens minted by Web 3 platforms would enable our handcraft enterprises to secure their innovations.
- **Community Data Utilisation:** India’s major digital public infrastructure push and the large-scale deployment of Internet of Things (IoT) in rural development projects offer major possibilities for deploying Web 3 in rural areas.
- The Atal Bhujal Yojana is an important source of data on groundwater utilisation practices and aquifer contamination, although this resource remains largely untapped for want of data analytics capabilities at the community level. This limitation can be overcome by Web3’s (decentralised) analytics systems. Web 3.0 can also yield insights from large volumes of community data.
- **Disaster Management:** Early warning systems for floods will improve with Web 3.0 due to data analytics facilities being obtained at the sub-basin level. Thus Web 3.0 will have a transformative role in regionally disadvantaged areas.
- **Creation of distributed economic system:** Native digital tokens, Central Bank Digital Currency and cryptocurrencies would be used for monetary circulation, making the transaction fast, traceable and effortless.

**Source: Hindu**

---

## 4. Anji-Khad Rail Bridge

**Topic: Economy**



**In News:** The Anji-Khad rail bridge, India's first cable-stayed rail bridge, is ready.

### **More on the Topic:**

- The first bridge of its kind is made of 96 cables in total. Anji-Khad rail bridge will connect Katra to Reasi in Jammu and Kashmir.
- The bridge has been made using cutting-edge technology and is designed to withstand harsh weather conditions. The new bridge will help boost country's economic growth and tourism industry.
- The bridge spans over the **Anji River, a tributary of the Chenab River**, at a height of 196 metres above the river bed.
- The Anji River and the Chenab River are two important **tributaries of the Indus River system**.
- The Anji River originates in the Himalayas and flows through the Indian states of Himachal Pradesh and Punjab before joining the Chenab River near Akhnoor.
- The Chenab River is formed by the confluence of the Chandra and Bhaga rivers in the Lahaul and Spiti districts of Himachal Pradesh.

**Source: IE**



## 5. Shilabhattacharika

**Topic: Art and Culture**



**In News:** Bhandarkar Oriental Research Institute (BORI) have recently obtained historical evidence establishing the literary contributions of poetess Shilabhattacharika, the daughter of Chalukya ruler Pulakeshin II.

### More on the Topic:

- The evidence was obtained from one of five copper plates that contained more than **60 sentences in Sanskrit written in Brahmi script.**
- One of her poems mentions **the Narmada River (Reva) and the Vindhya mountains.** Therefore, as a young woman, she probably lived along the Narmada River, near the Vindhya.
- Shilabhattacharika has been quoted by several classical Sanskrit literary critics, and her verses appear in most major Sanskrit anthologies.
- She is known to have written at least 46 poems on topics such as **"love, morality, politics, nature, beauty, the seasons, insects, anger, indignation, codes of conduct, and the characteristic features of various kinds of heroines."**
- However, most of her works are now lost, and only six of her short poems are extant.
- Noted Marathi poetess **Shanta Shelke** too has drawn inspiration from Shilabhattacharika's verses to compose one of her most iconic songs— **toch chandrama nabhat(it is the same moon in the sky).**

**Source: PIB**

## 6. Unified Logistics Interface Platform (ULIP)

**Topic: e- Governance**



**In News:** The Secretary of, the Ministry of Coal chaired a meeting on the integration of the Unified Logistics Interface Platform (ULIP) with the digital systems of the Ministry of Coal.

### **More on the Topic:**

- Unified Logistics Interface Platform (ULIP) is a part of the **National Logistics Policy (NLP)**.
- It was launched by Prime Minister Shri Narendra Modi on September 17, 2022.
- It is designed for **enhancing efficiency and reducing the cost of logistics** in India by creating a transparent, single-window platform to provide real-time information to all stakeholders.
- It was emphasized that the solution should have visibility of multi-modal transport and all the existing systems should be integrated with the ULIP system to create a National Single Window Logistics Portal.
- It will provide **real-time monitoring of cargo movement** and ensure the confidentiality of data with end-to-end encryption.

**There are three key components of this platform namely**

- Integration with existing data sources of ministries
- Data exchange with private players
- Unified document reference in the supply chain

**Source: Hindu**

## 7. Gangetic Dolphins

**Topic: Environment and Ecology**



**In News:** Thickly knitted fishing gill nets have caused the death of yet another Gangetic river dolphin recently.

### More on the Topic:

- Dolphins are one of the oldest creatures in the world along with some species of turtles, crocodiles and sharks.
- The Ganges river dolphin was officially discovered in 1801.
- Ganges river dolphins once lived in the Ganges-Brahmaputra-Meghna and Karnaphuli-Sangu river systems of Nepal, India, and Bangladesh. But the species is extinct from most of its early distribution ranges.
- The Ganges river dolphin can only live in freshwater and is essentially blind. They hunt by emitting ultrasonic sounds.
- They are frequently found alone or in small groups, and generally a mother and calf travel together.
- Females are larger than males and give birth once every two to three years to only one calf.
- The government of India declared it the **National Aquatic Animal** in 2009.
- **IUCN STATUS:** Endangered

**Source: Hindu**

---