



Rapid Fire Current Affairs

Green Ammonia Import through VOC Port

Recently, [V.O. Chidambaranar Port](#) in Tamil Nadu imported [Green Ammonia](#) for the first time, as part of its 'Go Green' initiative.

- Green Ammonia will be used to produce green soda ash on a trial basis, moving away from conventional **Grey Ammonia** usage.
- The port has been a **leader in 'Green Port' initiatives**, promoting eco-friendly practices.
- Green ammonia production is where the process of making **ammonia is 100% renewable and carbon-free**.
- Green Ammonia is produced by using hydrogen from water electrolysis and nitrogen separated from the air. These are then fed into the [Haber process](#) (Also known as Haber-Bosch), all powered by sustainable electricity.
- The **V. O. Chidambaranar Port Trust**, formerly known as the **Tuticorin Port Trust**, is one of the major ports in India. It is located in Thoothukudi, Tamil Nadu. The port was declared a major port in 1974.
 - **It is the second-largest port in Tamil Nadu and the fourth-largest container terminal in India.** The port offers various facilities such as berthing, navigation, storage, and port security.

Read More: [Green Hydrogen](#), [Draft Indian Ports Bill, 2022](#)

Sarna Code

Recently, Jharkhand Chief Minister wrote a letter to Prime Minister, requesting the recognition of the **Sarna religious code for tribals**.

- Concerns have been raised regarding the neglect of Sarna Code, which could adversely affect tribal development policies under [Fifth Schedule](#) and [Sixth Schedule](#) of the Constitution.
- **Sarna religion**, followed by a significant tribal population in Jharkhand, is unique, based on **nature worship, and distinct from mainstream religions**.
- There is need to **protect the cultural and religious identity of tribals who worship nature**.
 - [Fifth Schedule](#) lays out provisions for the Administration and Control of Scheduled Areas and STs in states other than 6th Schedule States.
 - [Sixth Schedule](#) deals with the administration of the tribal areas in Assam, Meghalaya, Tripura and Mizoram.

Read More: [Tribes in India](#), [National Commission for Scheduled Tribes](#)

Monoclonal Antibodies

In recent times, [Monoclonal antibodies](#) being considered for compassionate use in India amidst the [Nipah virus](#) outbreak in Kerala's Kozhikode district.

- This option is being explored due to the absence of effective treatments for [Nipah, a virus](#) with a high mortality rate and also far more severe than [Covid-19](#).

- The **antibody** binds to a part of the viral envelope, neutralizing the Nipah virus.
- The monoclonal antibody has also been used against the **Hendra virus**, a related virus from the same family.
- Antibodies are proteins produced naturally by the immune system that target a specific foreign object (antigen). They are called **monoclonal Antibodies (mAbs)** when they are produced by clones derived from a single parent cell.
- Monoclonal Antibodies are **man-made proteins** that act like a human antibody in the immune system. They are **made by cloning a unique white blood cell**.

Read More: [ELISA Antibody kits](#), [Indian Council of Medical Research \(ICMR\)](#)

FSSAI Prohibits Use of Newspapers for Food Storing

Food Safety and Standards Authority of India (FSSAI) has notified the **Food Safety and Standards (Packaging) Regulations, 2018** which strictly prohibits the use of newspapers or similar materials for storing and wrapping food.

- The ink used in newspapers **contains various bioactive materials** with known negative health effects, which can contaminate food and lead to health issues when ingested.
- Additionally, printing inks may contain chemicals **including lead and heavy metal** that can leach into the food, posing serious health risks over time.
- **FSSAI is an autonomous statutory body** established under the [Food Safety and Standards Act, 2006 \(FSS Act\)](#) under the Ministry of Health and Family Welfare.

Read More: [State Food Safety Index](#), [Eat Right Station](#)

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