



# Daily Current Affairs Encyclopedia

### 05 April 2024

### **Maharashtra State Specific News**

#### **National Maritime Day**



#### Context:

- National Maritime Day is celebrated in India every year on April 5th.
- It marks the maiden voyage of the SS Loyalty in 1919, a pivotal moment symbolizing India's journey as an independent maritime nation.

#### **Key Points:**

- Recognizes the vital role of the maritime sector in India's history, economy, and development.
- Honors the contributions of seafarers and those working in the maritime industry.
- Raises awareness about the importance of maritime trade and the challenges faced by the industry.

#### About:

- SS Loyalty is the first Indian merchant ship to set sail under the Indian flag in 1919.
- This historic voyage, departing from Mumbai for London, marked a significant step towards India's independence as a maritime nation.
- The Scindia Steam Navigation Company Ltd., owned by the visionary industrialist Seth Walchand Hirachand Doshi, played a key role in this achievement.

#### Theme:

 The Theme for 2024 National Maritime Day is "Navigating the future: safety first!"

# Mum's AQI at 90, BMC credits 'deep cleaning'

#### Context:

- Mumbai's air quality has shown signs of improvement, with the Air Quality Index (AQI) reaching 90.
- This is an improvement from previous readings and is being attributed to deep cleaning efforts undertaken by the Brihanmumbai Municipal Corporation (BMC).
- While 90 still falls under the 'moderate' category on the AQI scale, it indicates a positive trend.
- The BMC's deep cleaning initiatives including measures like dust suppression and road cleaning, are likely contributing to this improvement.

#### Note:

Read about AQI Index





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JN.1 variant has clinical features similar to previous Covid-19 variants: Study	<ul> <li>A first-of-its-kind study conducted by experts from B J Medical College (BJMC) and ICMR National Institute of Virology (NIV) has found that JN.1, the dominant Covid-19 variant in India, has clinical features similar to previous circulating variants in Maharashtra without increased severity.</li> <li>The study titled 'Appearance and prevalence of JN.1 SARS-CoV-2 variant in India and its clinical profile in the state of Maharashtra' was published in the medical journal 'Cureus of Springer Nature Group' on March 22.</li> <li>About:         <ul> <li>JN.1 is thus likely to cause similar symptoms, including fever, cough, fatigue, and trouble breathing.</li> <li>It doesn't appear to cause more severe illness than previous strains.</li> </ul> </li> </ul>
Nagpur ATC may head air traffic mgmt across India	<ul> <li>Context:         <ul> <li>Nagpur City may be chosen as the country's centre for a unified air traffic management set-up.</li> <li>A proposal on these lines is being studied by the Airports Authority of India (AAI)</li> </ul> </li> </ul>
	About:  • Nagpur airport is managed by Mihan India Limited (MIL), which is a joint venture between state government's Maharashtra Airport Development Company (MADC) and AAI.
	Nagpur Air Traffic Control (ATC):  ■ Nagpur ATC manages air traffic in its airspace, which likely covers central India.
	<ul> <li>Indian Airspace Management:</li> <li>The Airports Authority of India (AAI) is responsible for managing the Indian airspace.</li> <li>The AAI could potentially establish a centralized air traffic management system based in Nagpur, but this is speculative.</li> </ul>



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Cancer study by researchers from SUK gets two patents

#### Context:

A crucial research to destroy cancer cells using nano composite-based materials by Prof Dr Sagar Delekar(director of Innovation, Incubation and Linkages of Shivaji University, Kolhapur) and three other researchers has received two patents from the govt of Germany.

#### **About:**

 The vivo viability evaluation (kidney, gills muscle tissue, brain and liver) of superparamagnetic iron oxide and chitosan-coated iron oxide nanoparticles was done on Kaveri Garra fish from Satara, and this nanocomposite was found to be non-hazardous and biocompatible.

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