

1. India's 1st Indigenously Developed Hydrogen Fuel Cell Bus

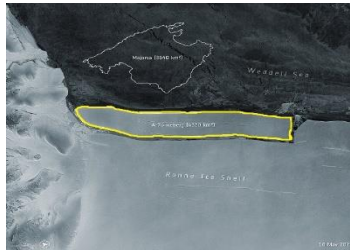
Dr. Jitendra Singh. The bus has been developed by KPIT-CSIR in Pune and uses Hydrogen and Air to produce electricity to power the bus.

The Hydrogen Fuel Cell Bus has been developed by KPIT-CSIR in Pune and is being termed the country's first truly indigenously developed Hydrogen Fuel Cell Bus.

The Indigenously Developed Hydrogen Fuel Cell Bus has been developed as part of PM Modi's visionary National Green Hydrogen Mission and Atmanirbhar Bharat mission.

2. A-76 Iceberg

When first sighted, an iceberg's point of origin is documented by the USNIC. A-76 was first spotted by Dr. Keith Makinson of the British Antarctic Survey and confirmed by USNIC Ice Analyst Christopher Reader using the Sentinel-1A image. A-23A is also floating in the Weddell Sea.



The finger-shaped iceberg was spotted by the British Antarctic Survey and confirmed by the US National Ice Center using Copernicus Sentinel-1 imagery. A-76 is 170 km long and 25 Km wide. The surface area of the A-76 iceberg is 4,320 sq km, larger than the Spanish island of Majorca (3,640 sq km). It is currently lying in the Weddell Sea. A-76 surpassed the A-23A (3,380 sq km), now the second-largest in size.

3. First cloned wolf

A Chinese gene firm successfully cloned a wild arctic wolf.

It was named MAYA.

The Firm is named Sinogene Biotechnology. MAYA is 100 days old and is in good health.



4. Azadi Sat launch

The Eight Kilogram CubeSat carries 75 different payloads. The satellite will be launched with SSLV from Satish Dhawan space center.

It is developed by 750 girls to take-up science and technology, engineering, and Mathematics. The payload includes a UHF-VHF transponder working in ham radio frequency to enable voice and data transmission for amateur radio operators, but also a selfie camera.

5. Hyperloop technology

Pods containing passengers travel through steel tubes that are partially vacuumed. Any resistance to motion such as friction and air resistance is completely eliminated in this technology.

The pod accelerated to 100 miles per hour (160 km/h) down a length of track, before delivering its first passengers to a safe stop.

