

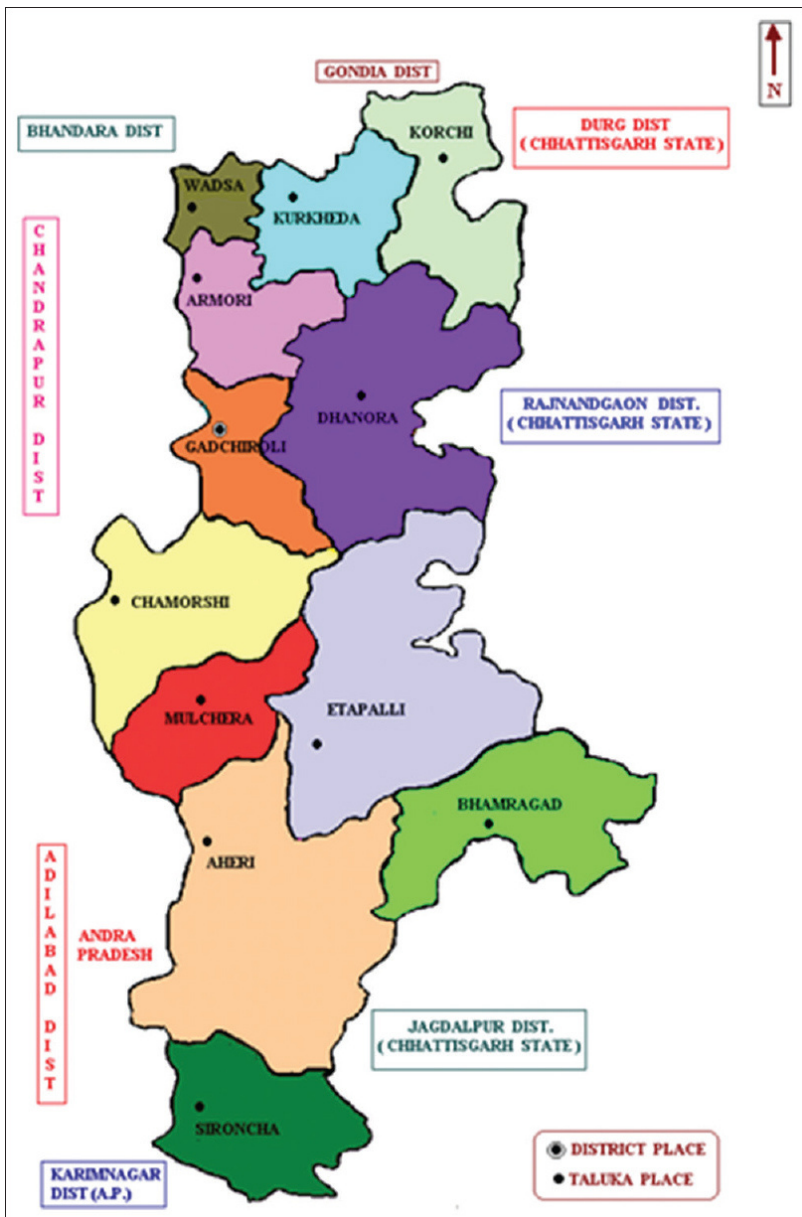
An aerial photograph of a winding asphalt road that curves through a dense, lush green forest. Several cars are visible on the road, including a white car, a blue car, and a white van. The road has white dashed lines for lane markings. The overall scene is captured from a high angle, looking down on the road and the surrounding trees.

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DAILY NEWS DECODE

14.11.21

GADCHIROLI DISTRICT



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- At least 26 Naxals were killed on Saturday in an encounter with the Maharashtra police in Gadchiroli district, said State's Home Minister Dilip Walse-Patil.
- This action is historic not only in the history of the State but also of the country.
- The encounter reportedly took place in the early hours of Saturday at the Mardintola forest near Korchi in Gadchiroli district. A C-60 police commando team was conducting the search operation based on inputs when they encountered the Naxals.

- The district where the ambush took place lies on the border of Chhattisgarh.
- The district is known for activity of Naxalites – the People's Liberation Guerrilla Army – who have taken shelter in the dense forests and hills.

RANI KAMLAPATI



- Madhya Pradesh Chief Minister Shivraj Singh Chouhan has set the stage for Prime Minister Narendra Modi's visit to the State by renaming the Habibganj railway station after Rani Kamlapati, an 18th century Gond queen.
- She was the last Hindu queen of Bhopal.
- Many believe Rani Kamlapati was the widow of Gond ruler Nizam Shah, chief of Ginnorgarh.
- They say the station was built in 1905 and was named Shahpur (one popular area in new Bhopal is known as Shahpura, named after the Shahpura lake).
- In 1979, when the Railways was looking for land for the expansion of the station, Habib Miya decided to give land free of cost and the station was named after him.

Gond community

- **The Gond community is the largest tribal group in India with more than 1.2 crore population.**
- **The community is largely spread in Madhya Pradesh, Chhattisgarh and Jharkhand.**
- **In the previous Assembly election, the BJP recorded its worst performance in a decade in reserved seats across Madhya Pradesh, Chhattisgarh and Jharkhand.**

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PNS Tughril



- It is the first hull of four Type 054 A/P frigates being constructed for the Pakistan Navy.
- The new frigate is named after “Tugrul the First,” one of the founders of the Seljuk Empire, which governed modern-day Iran, Iraq, Syria, and Turkey between the 11th and 14th centuries
- It was built and designed by China State Shipbuilding Corporation (CSSC).
- The Type 054A/P will be Pakistan Navy’s most capable warship to date.
- It is equipped with state-of-the-art combat management and an electronic warfare system along with modern self-defence capabilities.

- This frigate can simultaneously execute a number of naval warfare missions in a highly intense multi-threat environment.
- It also has advanced sensors and weapons.
- It is equipped with the SR2410C long-range and Type 517/SUR17B air-surveillance radars.
- It also carries the HQ-16 medium-range air defence missiles, which has a range of up to 50 km.
- The ship also has a vertical launching system, which means it can be armed with anti-aircraft missiles, ship and land-attack cruise missiles and anti-submarine missiles.
- The Pakistan Navy has contracted the construction of four Type 054A/P frigates from China since 2017.
- Besides the advanced naval ships, China also partners with the Pakistan Air Force to build JF-17 Thunder fighter aircraft.

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Issi saaneq



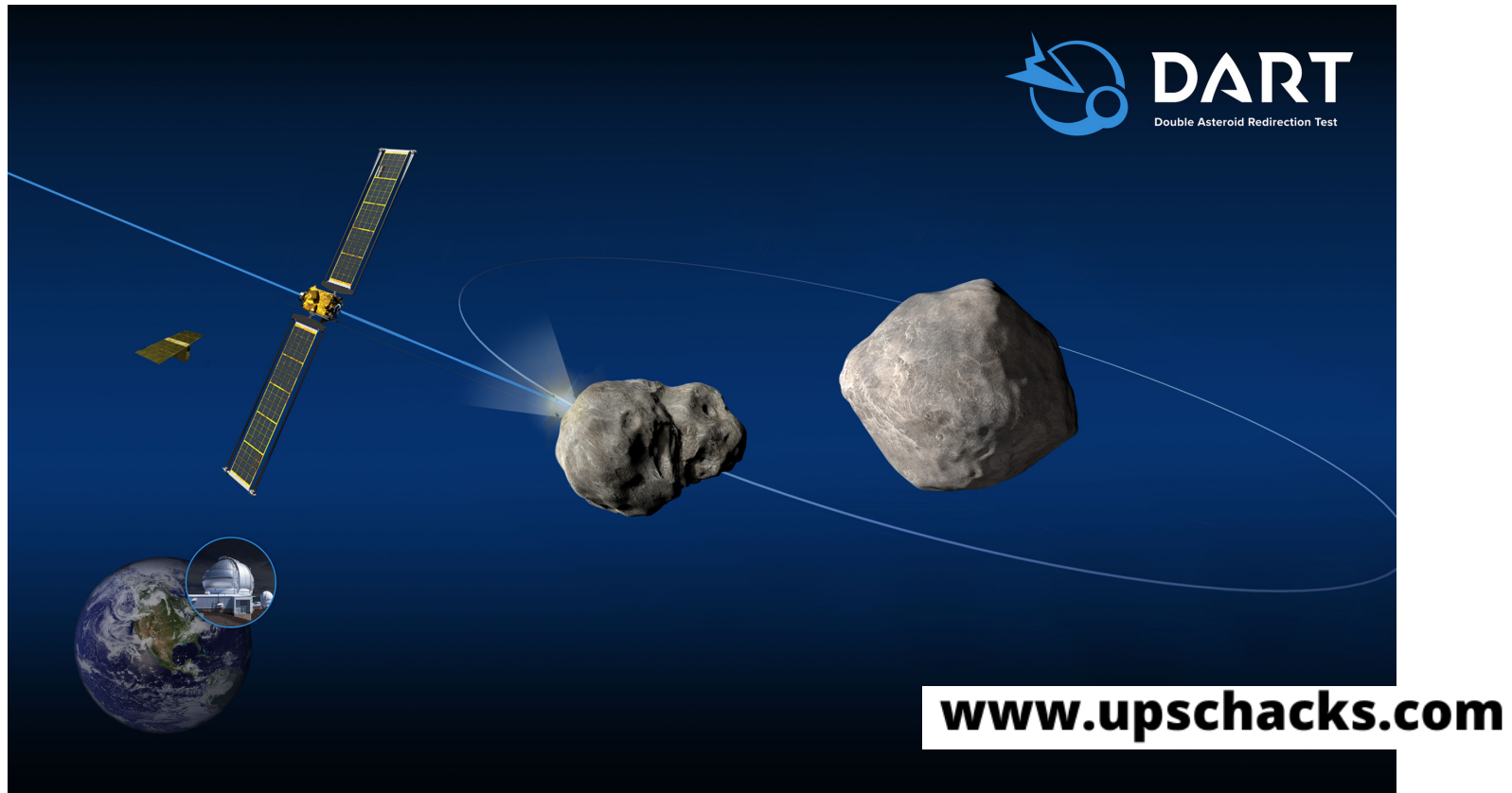
- Issi is a plateosaurus dinosaur described in 2021 from the Late Triassic Malmros Klint Formation of Greenland.
- It has been named Issi saaneq to pay tribute to Greenland's Inuit language and means "coldbone" .
- Palaeontologists from Harvard University unearthed two well-preserved dinosaur skulls during an excavation in East Greenland in 1994.
- One of the specimens was originally thought to be from a Plateosaurus, a well-known long-necked dinosaur that lived in Germany, France and Switzerland.
- Now, an international team of researchers from Portugal, Denmark and Germany has performed a micro-CT scan of the bones, which enabled them to create digital 3D models.

- The two-legged Issi saaneq lived about 214 million years ago and was a medium-sized, long necked herbivore and a predecessor of the sauropods, the largest land animals ever to live.
- The new findings are the first evidence of a distinct Greenlandic dinosaur species.
- The dinosaur differs from all other sauropodomorphs discovered so far, but has similarities with dinosaurs found in Brazil, such as the Macrocollum and Unaysaurus, which are almost 15 million years older.

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DART mission



- DART is a planetary defense-driven test of technologies for preventing an impact of Earth by a hazardous asteroid.
- It will be the first demonstration of the kinetic impactor technique to change the motion of an asteroid in space.
- This mission is directed by NASA to the Johns Hopkins Applied Physics Laboratory (APL) with support from several NASA centers.
- The target of the spacecraft is a small moonlet called Dimorphos (Greek for “two forms”).
- It is about 160-metre in diameter and the spacecraft is expected to collide when it is 11 million kilometres away from Earth.

- **Dimorphos orbits a larger asteroid named Didymos (Greek for “twin”) which has a diameter of 780 metres.**
- **The mission is to test the new technology to be prepared in case an asteroid heads towards Earth in the future.**
- **The spacecraft will navigate to the moonlet and intentionally collide with it at a speed of about 6.6 kilometres per second or 24,000 kilometres per hour.**
- **The collision is expected to take place between September 26 and October 1, 2022.**

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