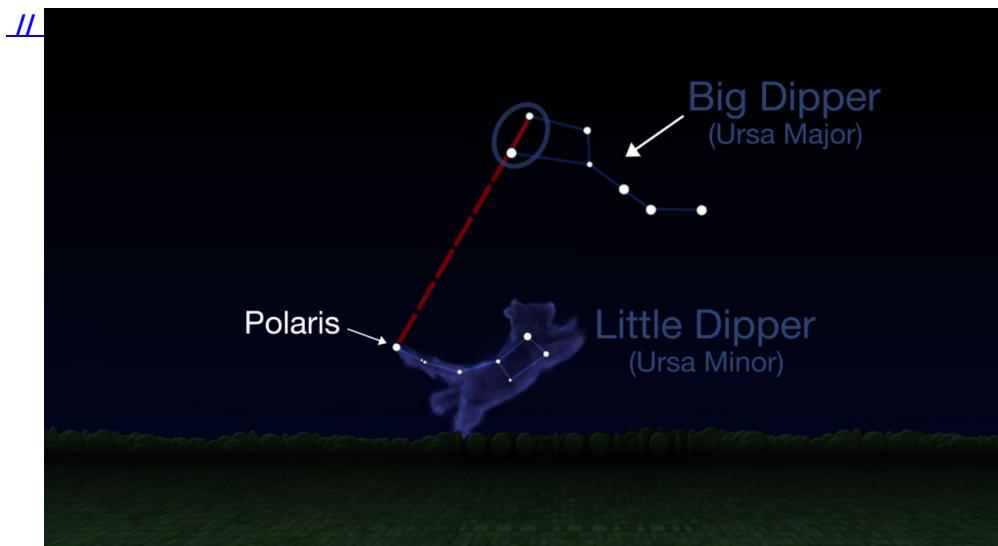




## Rapid Fire Current Affairs

### North Star



**Polaris**, known as the **North Star/Pole Star**, is a very bright star (~2,500 times more luminous than the Sun) and is **part of the constellation Ursa Minor** (~323 LY away from the Earth).

**Polaris is less than 1° away from the north celestial pole**, almost in direct line with the Earth's rotational axis, therefore, it **appears to sit motionless in the northern sky** with all the other stars appearing to rotate around it. Its position and brightness have allowed **humans to use it for navigation since late antiquity**. The elevation of the star above the horizon gives the approximate latitude of the observer. However, **upon crossing the equator to the south, the North Star is lost over the horizon**, and hence **stops being a useful navigational aid**.

Polaris seems to have been **first charted by the Roman mathematician/astronomer Ptolemy** (165 - 85 BC).

As per NASA, “**North Star**” is “**a title that passes to different stars over time**”; as the Earth’s axis of rotation wobbles, the celestial pole “wanders in a slow circle over the eons, sweeping past different stars”. **About 14,000 years ago, the celestial pole pointed towards the bright star Vega**, and “it will again point to Vega in about 12,000 years”.

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### Naval LCA Lands on INS Vikrant

# INS VIKRANT REBORN

India's First Indigenously-Built Aircraft Carrier



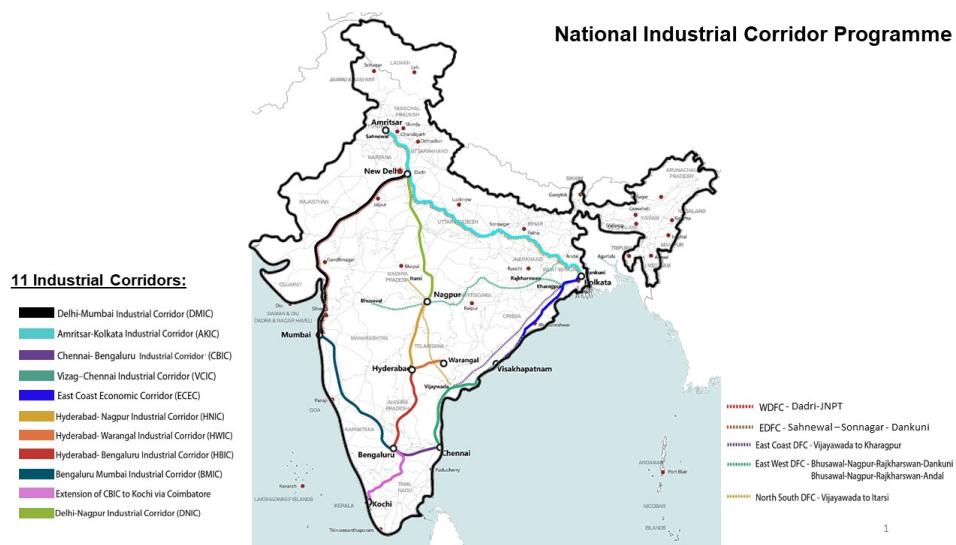
The Naval variant of India's indigenous [Light Combat Aircraft \(LCA\)](#) made its **maiden landing on board the INS Vikrant**, marking a milestone towards the **Navy's self-reliance plans**. This was followed by a landing and take-off by a **twin-engine MiG-29K fighter jet** (Russian origin).

**INS Vikrant, India's first indigenous aircraft carrier** commissioned in Sept 2022, is currently in the process of getting operationalised.

In Jan 2020, [DRDO](#) demonstrated a successful landing of Naval LCA on **INS Vikramaditya** along the lines of which the DRDO is in the process of developing a **Twin Engine Deck- Based Fighter (TEDBF) for INS Vikrant**.

**Read More - [INS Vikrant](#)**

## Southern India's First Industrial Corridor Project



The Prime Minister of India laid the foundation stone of **southern India's 1<sup>st</sup> Industrial Corridor Project** to be implemented at **Tumakuru**, spread over 8500 Acre of land, under the [Chennai-Bengaluru Industrial Corridor](#).

The Tumakuru Industrial Township has been **planned in line with the principles of PM-GatiShakti** to ensure last mile multimodal connectivity to the economic zone.

The Govt of India (via **NICD and Implementation Trust**) and the Govt of Karnataka are developing the Industrial Township at Vasanthanarasapura in 3 phases in Tumakuru district through the **project Special Purpose Vehicle (SPV)**.

Under the **National Industrial Corridor Development (NICD) Programme**, 32 greenfield industrial smart cities under 11 industrial corridors are being developed with world class Plug-n-Play infrastructure.

**Read More - [PM Gati Shakti](#)**

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## **Yuva Sangam Portal**

The “**Yuva Sangam**” registration portal was recently launched at Indira Gandhi National Centre for the Arts (IGNCA), New Delhi.

**Yuva Sangam is an initiative to build close ties** between the **youth of the Northeast Region** and the **rest of India** under the spirit of Ek Bharat Shreshtha Bharat. Under this initiative, over 20000 youth will travel across India and gain a **unique opportunity of cross-cultural learning**. The program is an **opportunity for the youth of NER to see India**.

**Read More - [North-East India](#)**

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