

The first cable-stayed railway bridge of India

March 29, 2023

In news— India's first cable-stayed railway bridge, the Anji Khad Bridge, is set to be operational by May 2023.

About the bridge-

- This new bridge is being dubbed as an engineering marvel as it is one of the biggest railway projects on top of a mountain.
- **The 725m bridge is held approximately 331m above the Anji River** by a total of 96 cables. Though not the entire bridge is cable-stayed, a whopping 473 m of the bridge is.
- Anji Khad Bridge is the 2nd important bridge after Chenab Bridge on the prestigious Udhampur- Srinagar- Baramulla Rail Project.
- Anji bridge is situated over the Anji river and it will **connect the Katra-Reasi section of the Udhampur- Srinagar-Baramulla route.**
- The bridge is **supported by a single pylon a large vertical tower-like structure** soaring 1,086 feet from the river bed, similar to the height of a 77-storey building.
- The Anji Khad Bridge is located approximately 80 kms from the Union Territory of Jammu.
- The bridge has been designed in such a way that it will be able to **withstand all kinds of high-altitude weather conditions.**
- It's interesting that the inspiration, design and the technology for this **bridge has been taken from the very famous Bandra-Worli Sea Link in Mumbai, Maharashtra.**
- The bridge is a part of a 326-km rail line connecting Udhampur to Baramulla via Srinagar, a crucial rail link

between the Kashmir Valley and the rest of India.

- Though the Udhampur-Srinagar-Baramulla Line will be ready only by February 2024, the Anji Khad Railway Bridge will be here soon.
- The project was commissioned by the Northern Railways and is being executed by Konkan Railway Corporation Limited (KRCL) and Hindustan Construction Company.