



Chenab Rail Bridge and Anji Khad Bridge

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The **Prime Minister** inaugurated the [Chenab rail bridge](#) over the **Chenab River** and [Anji Khad bridge](#) over the **Anji River (a Chenab tributary)** in **Jammu and Kashmir**.

- **About Chenab Rail Bridge:** Located in **Reasi district**, it is the **world's highest railway arch bridge**, standing **359 metres tall—35 metres higher** than the **Eiffel Tower**.
 - **Construction and Design:** It was constructed by **Konkan Railway Corporation**, with the **foundation designed by IISc Bengaluru**. **IIT Delhi** and **IIT Roorkee** conducted **seismic analysis**, while **DRDO** ensured the bridge is **blast-proof**.
 - **Durability and Safety:** It is designed to withstand **magnitude 8 earthquakes, explosions up to 40 tonnes of TNT**, temperatures as low as **-20°C**, and **wind speeds reaching 266 km/h**.
 - **Uniqueness:** A key feature is its ability to **remain stable and operational** even if **one of its eight piers fails**, allowing trains to continue at a **reduced speed**.

World's Highest Railway Bridge

Over Chenab River

Life of bridge
120 yrs

29,880 tonne
of steel used

Designed to withstand
wind speed of **266 kmph**

Length of bridge
1.3km

One pylon of cable at
127m, higher than
Qutab Minar (72m)

Single arch
span
467m

Bridge deck
height above
river bed
359m

- **About Anji Khad Bridge:** It is **India's 1st cable-stayed rail bridge** and the **2nd-highest railway bridge** in the country, after the **Chenab rail bridge**.
- **Significance:** Both bridges are part of the **Udhampur-Srinagar-Baramulla Rail Link (USBRL)** project, providing **all-weather rail connectivity** between **Kashmir** and the rest of India.
- **About Chenab River:** **Chenab** (or **Chandrabhaga river**) is the **largest tributary of the Indus River**, formed by the confluence of the **Chandra** and **Bhaga** rivers at **Tandi, in Himachal Pradesh**.

Read More: [Anji Khad Bridge](#)

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