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THE TIMES OF INDIA

Cable-stayed bridge is sturdy: Infrastructure corporation

TNN | Jan 25, 2019, 10.32 AM IST



PORVORIM: Days after speculation about the new cable-stayed Mandovi bridge being vulnerable to high winds and seismic activity, Goa State Infrastructure Development Corporation said the concerns were unfounded.

GSIDC officials told TOI that a simulated wind tunnel test had been conducted on the bridge at the Council of Scientific & Industrial Research (CSIR) - Structural Engineering Research Centre, Chennai. “The bridge was tested for lift and drag and the factors were worked into the design of the bridge to ensure the structure is safe,” a senior official said.

“IIT Chennai was appointed for proof checking the design of the bridge. The design has been verified and found sturdy.”

GSIDC has also pointed out that IIT Chennai has studied the design of the bridge and approved the design through a peer review.

The bridge and its approach roads have been built by L&T, which has installed a complex suite of sensors in the pylons to monitor and transmit any deviation in the parameters of the bridge, said a senior engineer overseeing the bridge construction.