

AI TECHNOLOGY TO HELP IMPROVE RIDING SAFETY ON U.P. EXPRESSWAYS

LUCKNOW: In a bid to make the state's expressways world-class, the Yogi Adityanath government will now use artificial intelligence (AI) to measure the riding quality on expressways.

Last month, the state government signed a contract with ETH Zürich, a public research university in Zurich, Switzerland, to implement this technology.

A team of the UPEIDA officials visited the university in March to test this technology following a demonstration by a university team during the Ground Breaking Ceremony (GBC) in the state capital in February this year.

This AI system is seen as a significant step towards improving the safety and convenience of vehicles on the expressways.

Until now, riding quality and comfort have been assessed using traditional technologies like laser profilometers and network survey vehicles (NSV).

With this new AI-based technology, assessments will be based on vibrations on the road surface.

To implement and monitor this pilot project, necessary hardware and software will be installed on a vehicle provided by the UPEIDA.

According to initial estimates, the pilot project's cost will be Rs 3.15 crore.

The technology will also be used for the Ganga Expressway project, which is set to become the second longest expressway in the country and is likely to get operational by December. **HTC**