

Bharat NCAP

November 25, 2025 • vajiramandravi.com



Bharat NCAP Latest News

The Ministry of Road Transport and Highways (MoRTH) recently released a comprehensive draft for Bharat NCAP 2.0, a significantly expanded version of the country's crash test rating programme.

About Bharat NCAP

- The **Bharat New Car Assessment Programme (Bharat NCAP)** is an indigenous **star-rating system for crash testing cars**, under which vehicles will be assigned between **one to five stars**, indicating their **safety in a collision**.
- It is an ambitious joint project between the **Government of India (GoI)** and **Global NCAP**, the **regulatory body behind the safety crash test ratings**.
- It was **launched** on 22 August **2023** and commenced on 1 October 2023.
- **Objective:** To **help consumers make an informed decision** before purchasing a car, thereby spurring demand for safer cars.

- Under the Bharat NCAP, **cars voluntarily nominated by automobile manufacturers will be crash tested** as per protocols laid down in the Automotive Industry Standard (AIS) 197.
- Vehicles tested under the Bharat NCAP are **evaluated across three critical safety domains: adult occupant protection, child occupant protection, and safety assist technologies.**
- **Applicability:**
 - **Only right-hand drive passenger vehicles on sale in India** and **weighing less than 3,500 kg** are eligible for consideration.
 - **Base variants** of cars are to be tested, and **ratings** will be **applicable for four years.**
 - Besides **internal combustion engine (ICE) models, CNG cars** as well as **battery-powered electric vehicles are eligible** to undergo the safety test.
- It is a **voluntary programme** under which the cost of the car for assessment for star rating and the cost of such assessment are borne by the respective vehicle manufacturer or importer.
- Bharat NCAP is **overseen by the Ministry of Road Transport, but is an independent body.**
- The current Bharat NCAP regulations remain **valid until September 30, 2027, after which Bharat NCAP 2.0** is expected to be implemented by October 2027.

Bharat NCAP 2.0 Proposed Guidelines

- It brings in **fresh mandatory tests, revised scoring methods,** and **updated safety verticals.**
- Notably, **for the first time,** vehicles will be **assessed on vulnerable road user protection.**
- The Bharat NCAP 2.0 proposal introduces a **100-point rating system across five pillars: Crash Protection, Vulnerable Road-User Protection, Safe Driving, Accident Avoidance, and Post-Crash Safety.**
- The crash test will be expanded from two to five and will now have Male, female, and child dummies for testing.
- The cars will go through offset frontal impact, full-width frontal impact, side impact, pole side impact, and rear impact.
- **Electronic stability control (ESC) and curtain airbags will be compulsory** for any model seeking a star rating.
- **Autonomous emergency braking (AEB) remains optional.** Models with side-facing seats will not be eligible for a rating.
- **From 2027-29, a 5-star rating will require 70 points,** and this would **rise to 80 points from 2029-31.**
- Minimum scores will also apply across each pillar.

Source: IT

Source: <https://vajiramandravi.com/current-affairs/bharat-ncap/>

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