

Ministry of Railways



Indian Railways Approves ₹140 Crore Kavach Project for Ahmedabad Division in Gujarat

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In a significant step towards enhancing rail safety, Indian Railways has approved the installation of Kavach Version 4.0 on 598 route kilometres covering 48 block sections of the Ahmedabad Division of Western Railway in Gujarat. The project has been sanctioned at a cost of ₹140 crore. The work has been approved under the umbrella programme for the provision of Kavach with LTE-based communication backbone on balance routes of Indian Railways.

Earlier, Kavach work had already been sanctioned on about 702 route kilometres of the Ahmedabad Division. With the approval of the present project, the remaining sections of the division will also be brought under Kavach, paving the way for wider deployment of the indigenous train protection system across the division.

Kavach is an indigenously developed Automatic Train Protection (ATP) system designed to enhance operational safety. It helps prevent Signal Passing at Danger (SPAD), automatically applies brakes when required to avert unsafe situations, controls train speed in critical conditions, and significantly reduces the risk of collisions.

Indian Railways is progressively expanding Kavach across its network as part of its continued efforts to strengthen safety and modernise train operations.

Dharmendra Tewari/ Dr. Nayan Solanki/ Ritu Raj/ Manik Sharma

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