



# Indian Railways Approves ₹252 Crore for Kavach 4.0 on 607.7 Route Kilometres of Lucknow Division

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In a significant step towards strengthening railway safety through indigenous technology, Indian Railways has approved the provision of Kavach Version 4.0 on 607.7 Route Kilometres of the Lucknow Division of North Eastern Railway at a total cost of ₹252 crore.

The approved project will extend Kavach 4.0 coverage across the identified balance sections of the division, strengthening the safety infrastructure available for train operations.

## **Strengthening Railway Safety with Indigenous Kavach Technology**

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 and supports safer train movement by monitoring train operations.

The initiative is part of Indian Railways' ongoing deployment of Kavach across its network to modernise train protection systems and enhance the safety and reliability of railway operations.

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**Dharmendra Tewari/ Dr. Nayan Solanki/ Ritu Raj**

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