

GOVERNMENT OF INDIA
MINISTRY OF RAILWAYS

RAJYA SABHA
UNSTARRED QUESTION NO. 2336
ANSWERED ON 19.12.2025

COMPREHENSIVE ACTION PLAN TO REPLACE SIGNAL ASSETS

2336 SHRI NEERAJ SHEKHAR:

Will the Minister of RAILWAYS be pleased to state:

- (a) whether Railways has implemented comprehensive action plan to replace signal assets that have exceeded their recommended operational lifespan;
- (b) if so, the details thereof;
- (c) the details of progress made in replacing signalling system in Indian Railways, zone-wise; and
- (d) the details of funds allocated, released and utilised for the same during current financial year till date; zone-wise?

ANSWER

MINISTER OF RAILWAYS, INFORMATION & BROADCASTING AND
ELECTRONICS & INFORMATION TECHNOLOGY

(SHRI ASHWINI VAISHNAW)

- (a) to (d): Indian Railway has established procedures & practices for inspection & maintenance of various signalling assets for their safe & reliable operation. Replacement of signal assets is a continuous & ongoing process and carried out on age cum condition basis as per codal provisions. The status / progress of various Signalling works is as under:
 - 1. Electrical/Electronic Interlocking Systems with centralized operation of points and signals in place of old mechanical signalling have been provided at 6657 stations as on 30.11.2025.

2. Interlocking of Level Crossing Gates (LC) has been provided at 10100 Level Crossing Gates upto 30.11.2025 for enhancing safety at LC Gate.
3. Complete Track Circuiting of stations to enhance safety for verification of track occupancy by electrical means has been provided at 6663 stations up to 30.11.2025.
4. Axle counters for automatic clearance of Block Section, BPAC (Block Proving Axle Counter) are provided to ensure complete arrival of train without manual intervention before granting line clear to receive next train and to reduce human element. These systems have been provided on 6144 Block Sections up to 30.11.2025.
5. Automatic Block Signalling (ABS) that enhances line capacity within existing track infrastructure has been provided at 6559 Route km upto 30.11.2025.
6. Indian Railways has also gone for implementation of advance technology system “Kavach” as an Automatic Train Protection (ATP) system. Kavach is indigenously developed Automatic Train Protection (ATP) system, which required safety certification of highest order. Kavach has also been adopted as a National ATP system in July 2020.
7. Electronic Interlocking Systems with centralized operation of points and signals in place of old mechanical signalling have been provided at 3830 stations as on 30.11.2025. This includes commissioning of Electronic Interlocking at 817 stations during last two years.
8. During the year 2025-26, ₹6800 crore have been allocated for Signalling & Telecom related works, out of which ₹4050.62 crore spent till Nov.’2025.
