



100 YEARS
**DEVELOPED
INDIA
MISSION**
— 1947 TO 2047 —

VIKSIT BHARAT 2047 RAILWAY SAFETY VISION INDIA



ALL INDIA RAIL SAFETY COUNCIL

www.railsafety.co.in



Viksit Bharat 2047

Railway Safety Vision

By All India Rail Safety Council

Towards a Safer, Stronger & Globally Efficient Indian Railways

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The Viksit Bharat 2047 (Railway Safety Vision) is a long-term strategic roadmap initiated by the All India Rail Safety Council (AIRSC), aligned with the national goal of making India a fully developed nation by the centenary of its independence in 2047. This vision outlines a comprehensive, multi-phased approach to transform Indian Railways into one of the safest, most modern, and globally benchmarked transportation systems in the world.

Key Objectives

Zero-Accident Mission

Drastically reduce accidents through technological advancement, real-time monitoring, and a safety-first culture at every level of railway operations.

Passenger & Worker Safety First

Prioritize the protection of passengers, staff, and workers through training, infrastructure enhancement, and strict compliance with safety norms.

Modernization of Rail Infrastructure

Upgrade tracks, bridges, signaling systems, and stations with AI, IoT, automation, and predictive maintenance technologies.

Safety Education & Awareness

Implement nationwide safety education programs like Rail Vidya in schools and communities to build a culture of safety from the grassroots.

Capacity Building & Human Resource Development

Continuous skill development, digital literacy, and safety leadership training for all levels of railway personnel.



Strategic Pillars

Infrastructure Safety

Advanced track monitoring systems

Upgradation of level crossings and installation of automatic gates

Strengthening of railway bridges and tunnels

Technology Integration

Implementation of KAVACH (Train Collision Avoidance System) across all zones

Smart surveillance (CCTV, AI analytics) at stations and onboard

Real-time alert systems and digital dashboards

Training & Workforce Readiness

Regular drills and simulation-based safety training

Inclusion of safety modules in all recruitment and promotion exams

Incentivization of safety performance

Public Engagement & Partnerships

Engagement with local communities, schools, and colleges

Collaborations with research institutions and global safety agencies

Encouraging CSR participation in safety outreach

Phased Implementation Plan (2025–2047)

Phase 1 (2025–2030):

Laying the foundation through policy reforms, education campaigns, and baseline upgrades.

Phase 2 (2031–2040):

Full-scale deployment of safety technologies and integrated systems.

Phase 3 (2041–2047):

Achievement of world-class safety metrics and transition to global benchmarking.

Outcome Goals by 2047

100% Electrified & Digitally Monitored Network

Zero Fatalities from Train Accidents

Top 3 Safest Rail Networks Globally

Universal Rail Safety Education in Schools

Empowered Safety Workforce across India

The Viksit Bharat 2047 (Railway Safety Vision) is not merely a plan but a national commitment—to transform the future of Indian Railways with resilience, innovation, and integrity. Led by the All India Rail Safety Council, this roadmap stands as a beacon of hope and safety, ensuring that the railways of tomorrow are not only efficient and fast but also fundamentally secure for every Indian.

“Be Inspired. Be Empowered. Be the Change. Join the Safety Hands – That Save Our India.”



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