



ALL INDIA RAIL SAFETY COUNCIL (AIRSC)

SAFE RAILWAYS • SMART MOBILITY • STRONGER INDIA



OUR VISION

The All India Rail Safety Council (AIRSC) envisions a future in which India's railway and metro systems are recognised for the highest standards of safety, intelligence, sustainability, resilience, operational excellence and passenger confidence.

The Council aspires to contribute to the development of transportation systems where the protection of human life remains the foremost priority and where modern infrastructure, advanced technology, professional competence and responsible governance work together to ensure safer journeys for all.

AIRSC seeks to encourage a progressive railway safety ecosystem supported by proactive risk management, evidence-based decision-making, skilled professionals, intelligent technologies, resilient infrastructure and a deeply embedded culture of prevention. Its long-term aspiration is to promote railway and metro networks that are prepared to respond effectively to operational, technological, environmental and human-factor challenges while continuously improving safety, reliability and service quality.

Aligned with the national aspiration of Viksit Bharat 2047, AIRSC endeavours to support the advancement of safe, smart, sustainable and future-ready mobility through knowledge, research, innovation, education, professional development and institutional cooperation. The Council's vision extends beyond accident prevention: it seeks to help build a transportation future in which every passenger, employee and stakeholder experiences safety as a shared national value and an essential foundation of progress.



To contribute towards building safe, smart, sustainable, resilient and globally respected railway and metro systems that protect lives, strengthen public confidence and advance the nation's development.

SAFETY FIRST
EVERY JOURNEY
MATTERS



OUR MISSION



KNOWLEDGE & PROFESSIONAL EXCELLENCE

To advance railway and metro safety through high-quality education, training, certification and competency enhancement for professionals at all levels.



RESEARCH & INNOVATION

To promote research, data-driven solutions and technological innovation for safer, smarter and more efficient rail and metro operations.



SAFETY CULTURE & AWARENESS

To build a preventive and learning-oriented safety culture through awareness programmes, safety campaigns and responsible behaviour among all stakeholders.



TECHNOLOGY & INTELLIGENCE

To encourage the adoption of emerging technologies, intelligent infrastructure, predictive maintenance, cybersecurity and human-factors engineering.



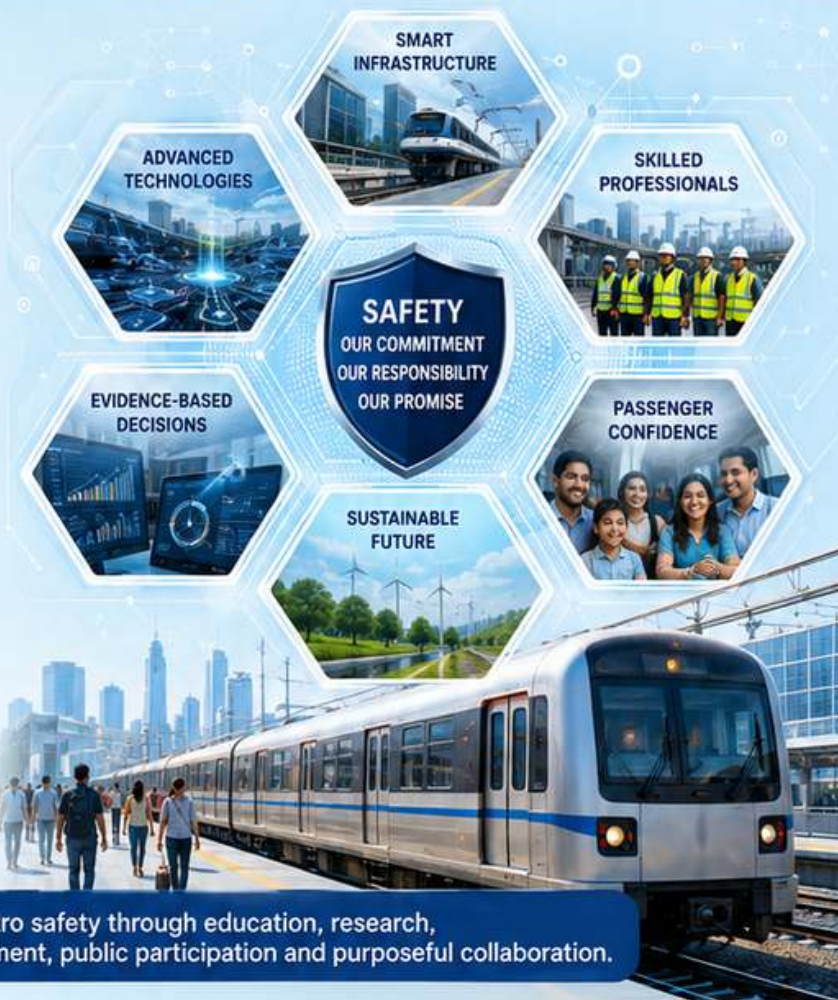
COLLABORATION & PARTNERSHIPS

To facilitate cooperation among institutions, industry, government, research bodies and communities to bridge knowledge, policy, technology and field-level practices.



PUBLIC PARTICIPATION

To promote public and passenger awareness so that safety becomes a shared responsibility, extending beyond organisations and professionals to every railway and metro user.



To protect lives and strengthen railway and metro safety through education, research, professional excellence, technological advancement, public participation and purposeful collaboration.



SAFE JOURNEYS
SAFE INDIA



ZERO HARM
ZERO COMPROMISE



TOGETHER FOR SAFETY
TOGETHER FOR INDIA



VIKSIT BHARAT 2047
OUR COLLECTIVE VISION

Our Vision

The All India Rail Safety Council (AIRSC) envisions a future in which India's railway and metro systems are recognised for the highest standards of safety, intelligence, sustainability, resilience, operational excellence and passenger confidence. The Council aspires to contribute to the development of transportation systems where the protection of human life remains the foremost priority and where modern infrastructure, advanced technology, professional competence and responsible governance work together to ensure safer journeys for all.

AIRSC seeks to encourage a progressive railway safety ecosystem supported by proactive risk management, evidence-based decision-making, skilled professionals, intelligent technologies, resilient infrastructure and a deeply embedded culture of prevention. Its long-term aspiration is to promote railway and metro networks that are prepared to respond effectively to operational, technological, environmental and human-factor challenges while continuously improving safety, reliability and service quality.

Aligned with the national aspiration of Viksit Bharat 2047, AIRSC endeavours to support the advancement of safe, smart, sustainable and future-ready mobility through knowledge, research, innovation, education, professional development and institutional cooperation. The Council's vision extends beyond accident prevention: it seeks to help build a transportation future in which every passenger, employee and stakeholder experiences safety as a shared national value and an essential foundation of progress.

To contribute towards building safe, smart, sustainable, resilient and globally respected railway and metro systems that protect lives, strengthen public confidence and advance the nation's development.

Our Mission

The mission of the All India Rail Safety Council is to advance railway and metro safety through an integrated framework of knowledge development, professional education, competency enhancement, research, technological innovation, public awareness and collaborative action. AIRSC works to create meaningful platforms through which professionals, institutions, researchers, educators, industry representatives, students and communities can contribute collectively to strengthening transportation safety.

The Council is committed to promoting a preventive and learning-oriented safety culture that recognises risks at an early stage, encourages responsible behaviour, supports continuous improvement and transforms lessons from operational experience into practical safety measures. Through training, certification, technical dialogue, research forums, safety campaigns and professional development programmes, AIRSC seeks to improve the knowledge, skills, judgement and leadership capabilities required for safer railway and metro operations.

AIRSC also seeks to encourage the responsible adoption of emerging technologies, data-driven safety systems, intelligent infrastructure, predictive maintenance, cybersecurity, human-factors engineering and climate-resilient practices. By facilitating cooperation among educational institutions, research organisations, professional bodies, technology companies, manufacturers, infrastructure organisations, safety specialists and relevant stakeholders, the Council aims to bridge knowledge, policy, technology and field-level practice.

Its mission further includes promoting public and passenger awareness so that safety becomes a shared responsibility extending beyond organisations and professionals to every railway and metro user. Through inclusive participation, ethical leadership, innovation and national and international cooperation, AIRSC is dedicated to supporting safer journeys, stronger institutions and a more resilient transportation future.

To protect lives and strengthen railway and metro safety through education, research, professional excellence, technological advancement, public participation and purposeful collaboration.

Our Objectives

The organisational objectives of the All India Rail Safety Council provide a comprehensive framework for its programmes, professional activities and institutional initiatives. These objectives reflect the Council's commitment to protecting human life, improving operational safety and supporting the long-term transformation of railway and metro transportation.

Strengthening Railway and Metro Safety Culture

To promote safety as a fundamental organisational value and shared professional responsibility across railway and metro systems. AIRSC seeks to encourage proactive risk identification, safety leadership, operational discipline, ethical conduct, incident learning, human-factor awareness and continuous improvement at every level.

Promoting Education, Training and Certification

To develop and support high-quality educational, training, competency-development and professional certification programmes for students, employees, engineers, managers, safety practitioners and other stakeholders. These initiatives aim to strengthen technical knowledge, practical capability, decision-making, leadership and preparedness for present and emerging transportation challenges.

Supporting Research and Technological Innovation

To encourage multidisciplinary research, indigenous innovation and the responsible application of advanced technologies for improving railway and metro safety, efficiency and reliability. Priority areas may include artificial intelligence, predictive analytics, digital twins, intelligent asset management, automation, advanced signalling, communication systems, cybersecurity, structural health monitoring and sustainable mobility technologies.

Advancing Disaster Preparedness and Risk Reduction

To strengthen institutional and professional capacity for hazard identification, risk assessment, emergency planning, disaster response, crisis communication, business continuity and post-incident recovery. AIRSC promotes coordinated preparedness capable of addressing operational emergencies, infrastructure failures, fires, natural hazards, public-health events and technology-related risks.

Developing Skilled and Responsible Professionals

To contribute to the development of competent, ethical and future-ready professionals equipped with technical expertise, safety consciousness, systems thinking, leadership capability and a strong sense of public responsibility. AIRSC seeks to inspire professionals who can combine knowledge with integrity and translate safety principles into effective action.

Promoting Public and Passenger Safety Awareness

To improve safety awareness among passengers, students, children, families and communities through public campaigns, educational resources, outreach activities and responsible communication. The Council seeks to encourage safe behaviour at stations, platforms, level crossings, railway tracks, metro premises and throughout every stage of a journey.

Facilitating National and International Cooperation

To establish constructive engagement with government agencies, railway and metro organisations, academic institutions, research bodies, professional associations, industries, technology providers and international organisations. Such cooperation will promote knowledge exchange, collaborative research, capacity building, professional dialogue and the adoption of relevant global good practices.

Encouraging Standards, Compliance and Professional Excellence

To promote awareness of applicable safety standards, regulatory requirements, quality systems and recognised professional practices. AIRSC seeks to encourage systematic assessment, responsible governance, transparency and accountability as essential foundations of institutional credibility and sustained safety performance.

Supporting Sustainable and Resilient Transportation

To advocate safety solutions that complement environmental responsibility, energy efficiency, climate resilience and long-term infrastructure sustainability. The Council aims to support railway and metro systems capable of adapting to changing technological, operational and environmental conditions without compromising safety or service reliability.

Building a Collaborative National Safety Movement

To bring together professionals, institutions, industries, researchers, educators, students, passengers and communities under a shared commitment to protecting lives. AIRSC believes that meaningful and lasting safety improvement can be achieved when knowledge, responsibility, innovation and public participation are united through collective national action.

Through these objectives, the All India Rail Safety Council is committed to serving as a professional platform for safety knowledge, learning, innovation and cooperation. Every initiative of the Council shall be guided by the principles of human-life protection, professional integrity, inclusiveness, responsible innovation, transparency and national service.

Safe Railways • Smart Mobility • Stronger India
Every Safe Journey Strengthens the Nation.





ALL INDIA RAIL SAFETY COUNCIL (AIRSC)

SAFE RAILWAYS • SMART MOBILITY • STRONGER INDIA

SAFETY FIRST
EVERY JOURNEY
EVERY LIFE

OUR OBJECTIVES

The All India Rail Safety Council is committed to protecting human life, enhancing operational safety and supporting the long-term transformation of railway and metro transportation through knowledge, innovation, education, collaboration and a culture of prevention.

1



STRENGTHENING RAILWAY AND METRO SAFETY CULTURE

To promote safety as a fundamental organisational value and shared professional responsibility through risk awareness, safety leadership, operational discipline, ethical conduct, incident learning and continuous improvement at every level.

2



PROMOTING EDUCATION, TRAINING AND CERTIFICATION

To develop and support high-quality education, training, competency development and certification programmes that strengthen technical knowledge, practical skills, decision-making, leadership and preparedness for emerging transportation challenges.

3



SUPPORTING RESEARCH AND TECHNOLOGICAL INNOVATION

To encourage multidisciplinary research, indigenous innovation and the responsible application of advanced technologies such as AI, predictive analytics, digital twins, automation, advanced signalling, cybersecurity and sustainable mobility solutions.

4



ADVANCING DISASTER PREPAREDNESS AND RISK REDUCTION

To strengthen capacity for hazard identification, risk assessment, emergency planning, disaster response, crisis communication, business continuity and post-incident recovery for all types of operational and environmental risks.

5



DEVELOPING SKILLED AND RESPONSIBLE PROFESSIONALS

To contribute to the development of competent, ethical and future-ready professionals with technical expertise, safety consciousness, leadership capability and a strong sense of public responsibility.

6



PROMOTING PUBLIC AND PASSENGER SAFETY AWARENESS

To improve safety awareness among passengers, students, children, families and communities through campaigns, educational resources and outreach activities, encouraging safe behaviour at every stage of a journey.

7



FACILITATING NATIONAL AND INTERNATIONAL COOPERATION

To establish constructive engagement with government agencies, institutions, industries, research bodies and international organisations for knowledge exchange, collaborative research, capacity building and the adoption of global good practices.

8



ENCOURAGING STANDARDS, COMPLIANCE AND PROFESSIONAL EXCELLENCE

To promote awareness of safety standards, regulatory requirements, quality systems and professional practices through systematic assessment, responsible governance, transparency and accountability.

9



SUPPORTING SUSTAINABLE AND RESILIENT TRANSPORTATION

To advocate safety solutions that complement environmental responsibility, energy efficiency, climate resilience and long-term infrastructure sustainability without compromising safety or service reliability.

10



BUILDING A COLLABORATIVE NATIONAL SAFETY MOVEMENT

To unite professionals, institutions, industries, researchers, educators, students, passengers and communities under a shared commitment to protecting lives through collective national action.

Through these objectives, AIRSC serves as a professional platform for safety knowledge, learning, innovation and cooperation. Every initiative of the Council shall be guided by the principles of human-life protection, professional integrity, inclusiveness, responsible innovation, transparency and national service.



SAFETY
Our Priority



INTELLIGENCE
Our Strength



SUSTAINABILITY
Our Responsibility



RESILIENCE
Our Commitment



EXCELLENCE
Our Standard



CONFIDENCE
Our Goal

SAFE RAILWAYS • SMART MOBILITY • STRONGER INDIA

EVERY SAFE JOURNEY STRENGTHENS THE NATION.