



ALL INDIA RAIL SAFETY COUNCIL (AIRSC)

SAFE RAILWAYS • SMART MOBILITY • STRONGER INDIA

NATIONAL VISION & STRATEGIC ALIGNMENT

AIRSC's programmes are designed to be aligned with national development priorities wherever there is a genuine and relevant connection. This alignment reflects the Council's intention to contribute constructively to India's progress through safety education, research, innovation, professional capability, sustainable mobility and responsible public participation.

References to national missions or international development frameworks express broad strategic alignment. They do not imply that AIRSC is a government department, statutory authority, official implementing agency or formally affiliated institution unless such recognition has been specifically granted in writing by the competent authority.



VIKSIT BHARAT 2047

Promoting safe, reliable, technologically advanced, inclusive and environmentally responsible railway and metro systems. AIRSC's Railway Vision 2047 Mission encourages infrastructure modernisation, operational excellence, passenger well-being, indigenous innovation and globally competitive railway capabilities.



ATMANIRBHAR BHARAT

Encouraging self-reliance through indigenous research, domestic technological capability, professional skill development and the responsible participation of Indian enterprises, researchers and innovators in safety engineering, intelligent asset management, secure communications and transportation technology.



DIGITAL INDIA

Supporting responsible digital transformation through AI, data analytics, digital twins, predictive maintenance, rail e-security and digital education. Emphasising cybersecurity, data protection, workforce competence and operational resilience for safe and secure railway and metro systems.



MAKE IN INDIA

Encouraging design, testing and development of railway safety technologies within India including equipment, sensors, communication systems, safety software, monitoring technologies and passenger information systems through collaboration among researchers, industry, startups and educational institutions.



SKILL INDIA

Preparing students, technicians, engineers, managers and safety practitioners with technical knowledge, digital competence, leadership, communication, ethical conduct and emergency preparedness through quality education, training and skill-development programmes. Qualifications and certifications remain subject to competent authorities.



SUSTAINABLE & GREEN MOBILITY

Supporting energy efficiency, railway electrification, hydrogen and battery technologies, renewable energy, climate-responsive stations, green construction, waste reduction and responsible lifecycle management for a safer, cleaner and more sustainable mobility future.



A RESPONSIBLE CONTRIBUTION TO NATIONAL PROGRESS

AIRSC's strategic alignment is founded on the understanding that national development must protect human life, strengthen professional capability and preserve environmental well-being. Through responsible governance, research, education, technology, collaboration and public engagement, the Council aspires to make a meaningful professional contribution to India's evolving railway and metro ecosystem.



SAFETY



KNOWLEDGE



INNOVATION



COLLABORATION



VISION
VIKSIT BHARAT
2047

Aligned with National Development Priorities • Guided by Safety • Driven by Knowledge • Committed to India

SAFER RAILWAYS TODAY

STRONGER AND MORE SUSTAINABLE INDIA TOMORROW



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Viksit Bharat 2047

AIRSC supports the broader aspiration of a developed India by promoting transportation systems that are safe, reliable, technologically advanced, inclusive and environmentally responsible. The Council's Railway Vision 2047 Mission encourages professional dialogue on infrastructure modernisation, operational excellence, safety culture, passenger well-being, indigenous innovation and globally competitive railway capabilities.

Safe and efficient rail mobility can strengthen economic productivity, regional connectivity, urban development, national integration and quality of life. AIRSC therefore regards railway and metro safety as an important enabling element of India's long-term development journey.

Atmanirbhar Bharat

AIRSC encourages self-reliance through indigenous research, domestic technological capability, professional skill development and the responsible participation of Indian enterprises, researchers and innovators. Its initiatives seek to promote locally relevant solutions in safety engineering, intelligent asset management, secure communications, disaster resilience, equipment development and transportation technology.

This approach supports the creation of national knowledge capacity while remaining open to global best practices and constructive international cooperation.

Digital India

The Council's work in rail e-security, intelligent transportation, data analytics, artificial intelligence, digital twins, predictive maintenance and digital education is aligned with the wider objective of responsible digital transformation. AIRSC advocates secure, inclusive and human-centred use of technology. It emphasises that digital advancement must be accompanied by cybersecurity, data protection, workforce competence, operational resilience and appropriate safeguards for critical transportation systems.

Make in India

AIRSC supports professional dialogue and collaborative research that may encourage the design, testing and development of railway safety technologies within India. This includes opportunities relating to equipment, sensors, communication systems, safety software, monitoring technologies, passenger-information systems and environmentally responsible mobility solutions.

By connecting researchers, professionals, manufacturers, startups and educational institutions, the Council seeks to strengthen innovation ecosystems and encourage high-quality, safety-conscious indigenous development.

Skill India

Professional competence is essential for safe transportation. AIRSC's education, training and skill-development programmes seek to prepare students, technicians, engineers, managers, security personnel, researchers and safety practitioners for the changing needs of railway and metro systems.

The Council promotes technical capability together with systems thinking, digital competence, leadership, communication, ethical conduct and emergency preparedness. Formal qualifications, regulated training and recognised certifications remain subject to the requirements of competent academic, sectoral and skill-development authorities.

Sustainable and Green Mobility

AIRSC supports railway and metro transportation as important components of sustainable mass mobility. Its professional interests include energy efficiency, railway electrification, hydrogen and battery technologies, renewable energy, climate-responsive stations, green construction, waste reduction and responsible lifecycle management.

The Council promotes an integrated approach in which environmental progress is supported by rigorous safety assessment, infrastructure resilience, operational reliability and passenger accessibility.

A Responsible Contribution to National Progress

AIRSC's strategic alignment is founded on the understanding that national development must protect human life, strengthen professional capability and preserve environmental well-being. Through responsible governance, research, education, technology, collaboration and public engagement, the Council aspires to make a meaningful professional contribution to India's evolving railway and metro ecosystem.

**ALIGNED WITH NATIONAL DEVELOPMENT PRIORITIES • GUIDED BY SAFETY • DRIVEN BY KNOWLEDGE •
COMMITTED TO INDIA**

SAFER RAILWAYS TODAY • STRONGER AND MORE SUSTAINABLE INDIA TOMORROW



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BHARAT



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PROFESSIONAL EXCELLENCE
Building Competence



PUBLIC RESPONSIBILITY
Serving Society



COLLABORATION
Working Together



SUSTAINABILITY
Protecting the Future



SERVICE TO THE NATION
Nation First

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EVERY SAFE JOURNEY STRENGTHENS THE NATION

