



This Memorandum of Understanding (MoU) marks the commencement of a strategic partnership between the All India Rail Safety Council (AIRSC) and Medhavi Skills University (MSU) with the shared vision of promoting railway safety, skill development, and academic excellence.

The primary objective of this collaboration is to jointly design, develop, and deliver specialized training programs, research projects, and capacity-building initiatives focused on rail safety, modern railway technologies, and workforce development. This partnership is aligned with the evolving demands of the Indian rail sector and aims to contribute significantly to national priorities in transportation safety and vocational education.

About Medhavi Skills University (MSU)

Medhavi Skills University, established in 2021 under the Medhavi Skills University, Sikkim Act, is a forward-thinking private institution headquartered in Singtam and Bermiok, Sikkim. The university is spearheaded by Chancellor Mr. Pravesh Dudani, Pro-Chancellor Mr. Kuldeep Sharma, and Vice Chancellor Dr. Amiya Singh.

MSU is recognized by the University Grants Commission (UGC), National Council for Vocational Education and Training (NCVET), and the National Skill Development Corporation (NSDC). It proudly holds the distinction of being India's first Skills University offering industry-immersive degree programs, in alignment with the National Education Policy 2020 (NEP 2020).

The university's innovative academic model is designed to integrate practical, hands-on learning with industry collaboration, ensuring that students are equipped with the skills necessary for impactful, real-world careers.

About All India Rail Safety Council (AIRSC)

The All India Rail Safety Council (AIRSC) is a pioneering national body committed to advancing rail safety and infrastructure management across India. Under the visionary leadership of Dr. R. Padmanabhan, Chairman of AIRSC, the council has launched the University for Rail Safety Technology and Management—a landmark initiative dedicated to fostering advanced research, cutting-edge technology, and strategic management practices in the railway sector.

Dr. Padmanabhan's far-sighted leadership and unwavering dedication to railway safety have been instrumental in the creation of this institution, which aspires to serve as a center of excellence for the rail industry in India and beyond.

This MoU signifies a joint commitment to collaborative innovation, education, and safety in the railway ecosystem, setting a benchmark for public-private academic partnerships in India.

Skill Development Initiatives

Co-design and implement specialized skill development programs tailored for students, railway personnel, and relevant stakeholders.

Collaborative Research

Undertake joint research projects focused on advanced rail safety technologies, socio-technical systems, and innovation in rail operations.

Innovation Hubs

Establish centers of innovation dedicated to developing and testing safety systems, automation technologies, and smart railway solutions.

Training and Capacity Building

Organize regular training programs, workshops, and seminars to enhance the capabilities of railway professionals and aspiring candidates.

Curriculum Co-Development

Jointly develop curricula that integrate industry practices, safety regulations, and academic standards to foster job-readiness.

Internship and On-the-Job Training

Provide structured internship and practical training opportunities within the railway sector for MSU students.

Joint Certification Programs

Launch co-branded certification programs recognized by industry in domains such as railway operations, safety management, and logistics.

Technology Transfer

Facilitate the transition of rail safety research and innovations into field-level applications and operational use.

Rail Safety Awareness Campaigns

Conduct public outreach initiatives and awareness programs to promote community engagement in railway safety.

Exchange of Experts

Promote exchange programs involving faculty, researchers, and industry experts for mutual academic and technical advancement.

Joint Publications

Co-author and publish white papers, safety manuals, technical reports, and research findings.

Funding and Grants

Collaborate on applications for national and international grants and funding to support joint projects and initiatives.

Monitoring and Evaluation

Implement a joint framework for monitoring collaborative program outcomes using clearly defined Key Performance Indicators (KPIs).

Digital Learning Platforms

Develop e-learning modules and digital classrooms to deliver flexible, remote learning opportunities in rail safety and operations.

Industry Exposure

Organize industry visits, field study tours, and facility walkthroughs for students to gain first hand insights into rail safety practices.

Advisory Panels

Constitute joint advisory boards comprising experts from academia and industry to guide collaborative activities and curriculum relevance.

Placement Assistance

Set up a dedicated placement support cell to facilitate employment opportunities for trained students in national and international rail sectors.

Start up Incubation Support

Promote student entrepreneurship by incubating safety and rail-tech startups aligned with government missions and innovation frameworks.

Compliance and Accreditation

Ensure that all training and certification programs meet the National Skills Qualifications Framework (NSQF) and other regulatory standards.

Confidentiality and Intellectual Property (IP) Protection

Establish clear protocols to protect proprietary research, training content, and sensitive data shared under this collaboration.





DIRECTOR MENTOR

CONCLAVE
2025

Organised By



Date: Sunday, 25th May 2025

Time: 10:00 AM – 05:00 PM

Venue: Constitution Club of India, New Delhi



Invited By

DR. R. PADMANABHAN

CHAIRMAN

ALL INDIA RAIL SAFETY COUNCIL

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AIRSC
ACADEMY OF SAFETY & DISASTER MANAGEMENT



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LEAD. |INSPIRE. |INFLUENCE.
WHERE VISIONARIES MEET. WHERE IMPACT BEGINS.



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APN NEWS

Medhavi Skills University Signs MoU with All India Rail Safety Council to Launch Global Centre of Excellence in Rail Safety and Technology

by NS — May 30, 2025

SHARES



Mumbai : In a groundbreaking initiative aimed at transforming railway safety and skill-based education in