

Short news

Mudh-Nyoma Airbase, Ladakh - India Has Recently Operationalised the High-Altitude Mudh-Nyoma Airbase in Ladakh, Strengthening Frontline Air Power and Enhancing Rapid-Response Capability Along the Sensitive Lac with China.

About Mudh-Nyoma Airbase

Location - Situated at Nearly 13,000 Feet in Eastern Ladakh, around 25 Km from The Line of Actual Control (Lac). Positioned Close to Critical Sectors Such as Depsang Plains, Pangong Tso, And Chushul Valley, Areas Marked by Heightened India-China Tensions Since 2020.

Features & Capabilities - Capable of Hosting Fighter Jets, Transport Aircraft (Including C-130j), And Helicopters for High-Altitude Operations. Enables Real-Time Air Operations, Faster Troop Deployment, Logistics Delivery, And Casualty Evacuation in Difficult Himalayan Terrain. Adds A Robust Forward Operating Capability Alongside Existing Ladakh Airbases - Leh, Kargil, And Thoise.

Operational Significance - Reduces Response Time to Pla Manoeuvres, Enhancing Tactical Air Dominance and Sustained Support for Deployed Troops. Strengthens India's High-Altitude Warfare Readiness, Ensuring Mobility Even When Ground Routes Are Weather-Constrained. Supports Offensive-Defensive Missions, Improves Redundancy, And Complements the Strategic Network Including Daulat Beg Oldi Alg.

Strategic Importance - Reinforces India's Proactive Border Infrastructure Push, Part of A Larger Effort to Match Chinese Deployments Across Tibet-Xinjiang. Symbolises India's Determination to Defend Sovereignty While Enabling Disaster Relief, Connectivity Improvements, And Socio-Economic Benefits for Local Communities.

Ambaji Marble - Recently, Gujarat's Ambaji White Marble Received a Gi Tag, Recognising Its Exceptional Quality and Heritage Value, Strengthening Regional Identity and Boosting Artisanal Livelihoods.

About Ambaji Marble - Ambaji Marble Originates from The Ambaji Region of Banaskantha, A Prominent Pilgrimage Centre and Shaktipeeth in Gujarat Renowned for Its Ancient Marble Quarries. It Is Known for Its Pure White Colour, Natural Shine, And High Calcium Content Contributing to Superior Durability.

Contains Silicon Oxide and Calcium Oxide, Giving It Structural Strength. Exhibits Exceptional Resistance to Ageing; Centuries-Old Structures Like Dilwara Jain Temples , Mount Abu, Rajasthan Showcase Its Long-Lasting Purity. The Dilwara Jain Temples, Built Between The 11th–13th Centuries Ce by The Chaulukya (Solanki) Rulers, Are Renowned for Their Exquisite Marble Craftsmanship. Significance - Traditionally Used in Religious Architecture Across India and Abroad (Usa, New Zealand, England). Also Used in The Ram Temple, Ayodhya.

Other Marble with Gi Tag - Makrana Marble Received Its Geographical Indication (Gi) Tag In 2015.

It Is a Calcutic Marble Variety Famous for Its Use in The Construction of The Taj Mahal and Other Prominent Architecture.

About The Gi Tag - A Geographical Indication (Gi) Identifies Products Having Qualities or Reputation Tied to Their Geographic Origin, Ensuring Authenticity and Legal Protection.

Awarded By - Granted by The Geographical Indications Registry, Ministry of Commerce & Industry.

Significance

1. Enhances Market Recognition, Export Potential, And Branding of Products.
2. Protects Traditional Knowledge, Benefits Local Artisans, And Promotes Sustainable Regional Development.

Ai-Based 'Drishti' System - Indian Railways Is Introducing the Ai-Based 'Drishti' System to Detect Tampered or Unlocked Freight Wagon Doors in Real Time, Enhancing Safety and Reducing Manual Inspections.

About 'Drishti'

Introduction - 'Drishti' Is an Ai-Enabled Locking Monitoring System Designed to Autonomously Monitor Freight Wagon Door Security During Transit.

Developed By - The System Has Been Jointly Developed by The Northeast Frontier Railway (Nfr) And Iit Guwahati's Technology Innovation and Development Foundation (litg-Tidf).

Features - Uses Ai-Powered Cameras and Sensors to Capture and Analyse Door Positions in Real Time.

Employs Computer Vision and Machine-Learning Algorithms to Detect Tampering or Abnormal Locking Conditions. Provides Automated Alerts Without Disrupting Train Operations. Successfully Trial-Tested for Nearly Ten Months on Selected Wagons with High Accuracy.

Cohort Connect 2025 – India Announced Cohort Connect 2025 At Csir-Immt, Bhubaneswar, On World Diabetes Day, Reflecting the Rising National Burden of Metabolic Disorders.

Cohort Connect 2025 – It Will Become the Country's Largest Evidence-Based Study on How Genetics, Lifestyle and Environment Shape Disease Patterns. It Aims to Generate India-Specific Health Evidence, Avoiding Reliance on Global One-Size-Fits-All Models. With 70% Of the Population Below 40, Prevention-Focused Datasets from Phenome India and Cohort Connect Will Shape Customised Therapeutic Pathways. It Also Supports Long-Term Public Health Planning by Linking Scientific Research with Policy Design.

Customised Therapy – Customised Therapy (Also Called Personalised or Precision Medicine) Refers to Medical Treatment Tailored to An Individual's Genetic Profile, Lifestyle, Environment, And Clinical Characteristics, Rather Than Using a One-Size-Fits-All Approach.

