

LVM3 Demonstrates World-Class Reliability with Successful Deployment of Heaviest Payload: Dr Jitendra Singh

The Mission Marks Major Leap in India's Heavy-Lift and Commercial Launch Capabilities

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Union Minister of State (Independent Charge) for Science & Technology, Earth Sciences and Minister of State in the PMO, Personnel, Public Grievances, Pensions, Atomic Energy and Space, Dr. Jitendra Singh, today congratulated Team ISRO on the successful launch of the LVM3-M6 mission carrying the BlueBird Block-2 communication satellite. In a message, the Minister said that under the visionary leadership of Prime Minister Narendra Modi, ISRO continues to achieve one milestone after another, reaffirming India's growing strength, credibility, and global standing in space technology.

Kudos Team #ISRO for the successful launch of LVM3-M6 carrying BlueBird Block-2.

With the visionary patronage of PM Sh @narendramodi, @isro continues to achieve one success after another, reiterating India's growing prowess in Space technology. pic.twitter.com/gsnYimTwZs

— Dr Jitendra Singh (@DrJitendraSingh) December 24, 2025

Building on this momentum, India registered a historic achievement with the successful launch of the LVM3-M6 mission, which placed the heaviest satellite ever carried by an Indian launch vehicle into its designated orbit. The mission marks a significant leap in India's heavy-lift launch capabilities and further strengthens the country's position in the international commercial launch market.

Secretary, Department of Space and Chairman, Indian Space Research Organisation, Dr. V. Narayanan announced that the LVM3-M6 launch vehicle performed flawlessly and precisely injected the BlueBird Block-2 communication satellite into its intended low Earth orbit. He said this was the heaviest satellite launched from Indian soil using an indigenous launcher and the third fully commercial mission of the LVM3. The mission, he added, reflects the launch vehicle's outstanding reliability and world-class performance, placing it among the best in the global space sector.

The satellite deployed on this mission, BlueBird Block-2, is part of a next-generation constellation designed to provide space-based cellular broadband connectivity directly to standard mobile smartphones, without the need for specialised user equipment. The mission has been undertaken under a commercial

agreement between NewSpace India Limited and US-based AST SpaceMobile, highlighting India's growing role as a reliable launch service provider for advanced global communication missions.

With the successful flight of the Launch Vehicle Mark-3, India has once again demonstrated its technological maturity in complex heavy-lift missions, reinforcing confidence in indigenous launch systems and further elevating the country's stature in the global space arena.









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इस विज्ञप्ति को इन भाषाओं में पढ़ें: Urdu , हिन्दी , Tamil , Telugu

