

Press Release

Godrej Enterprises Group and EOS Announce Strategic Partnership to Advance Additive Manufacturing in India's Aerospace Sector

MUMBAI, India, April 3, 2025, – EOS, a leading supplier of responsible manufacturing solutions for industrial 3D printing, and the aerospace business of Godrej Enterprises Group, today announced a strategic partnership to develop a state-of-the-art additive manufacturing (AM)-based partnership focused on the Indian aviation and space industries. The announcement was made during an MOU signing ceremony at Aeroindia 2025.

With the largest global AM install base in the space technology industry, EOS has partnered with established space organizations providing reliable, serial AM capabilities tailored to the industry's specific requirements. The partnership aims to transform the aviation and space industry in India through AM-driven design and delivery of functionally enhanced products.

Together, Godrej Enterprises Group and EOS will build the technical capabilities and production capacities required to establish a robust AM-based aviation and space supply chain to serve Indian and global original equipment manufacturers (OEMs). As a first step, the partners will pursue the application of large-scale multi-laser AM technology for production.

"This partnership represents a strategic step towards future readiness," said Maneck Behramkamdin, executive vice president and business head of the aerospace business of Godrej & Boyce, a part of Godrej Enterprises Group. "3D printing is driving a paradigm shift in aerospace design, enabling us to create complex shapes and sizes through a single printing process. We are committed to expanding our portfolio of 'green' products while improving manufacturing value through material efficiency and streamlined processes."

Since its first launch in 1963, India has made significant strides in space technology, achieving milestones such as reaching Mars' orbit on the first attempt, being the first to soft land on the Moon's south pole, and recently achieving its 100th launch. India's space industry is poised for exponential growth, and the Aerospace business of Godrej Enterprises Group has been at the forefront of advancing India's aerospace ambitions. At their state-of-the-art manufacturing facilities for cryo-engine assemblies and satellite thrusters, G&B executes critical assembly processes that have powered all of India's groundbreaking space projects.



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"AM has brought about an undeniable transformation of the space industry," said Vinu Vijayan, director of EOS India. "We are already seeing examples of conventionally manufactured assemblies consisting of more than 100 parts being simplified via AM into a mere three or four parts for ease of assembly, manufactured as needed, and resulting in reduced complexity and costs. We have also succeeded in developing and certifying the first flight-safety-critical, Class 2 titanium part for a passenger aircraft – the highest level of qualifications for aerospace."

EOS views India as a significant manufacturing hub and is focused on bringing its experience and competency to facilitate India's space ambitions. The EOS/ Godrej Enterprises Group MOU is another strategic step towards implementing AM in the Indian aviation and space industry and helps Godrej – as its AM technology enablement partner – ensure their readiness for both current and upcoming novel programs.

Dr. Ankit Saharan, director metals technology of global Additive Minds, added: "This is such a natural partnership and ultimately marks a significant milestone in the advancement of AM in India. Now we move forward, working closely with Godrej and our Additive Minds applied engineering team to qualify production that meets the stringent quality requirements of space and aviation applications, while also playing a pivotal role in building the next generation workforce in additive manufacturing – an essential factor in the success of the Government of India's <u>Make in India</u> initiative."

About EOS

EOS provides responsible manufacturing solutions via industrial 3D printing technologies to organizations around the world. Since 1989, EOS has shaped the future of manufacturing by enabling its customers to innovate and differentiate through expert guidance, technology and services, leveraging its end-to-end additive manufacturing (AM) industry partnerships. From strategy to education to production, EOS is the leading global partner for both metal and polymer AM solutions, accelerating time-to-market for its customers through high-quality production efficiencies and sustainable solutions.

About Godrej Enterprises Group

Since 1897, Godrej Enterprises Group (which includes Godrej & Boyce and its affiliates) has contributed significantly to India's economic growth and self-reliance by providing complex engineering, design led innovation, and sustainable manufacturing solutions. From the world's first patented springless lock, and safes to pioneering Indian made typewriters and refrigerators, the conglomerate has also paved the way for the growth of key sectors like aerospace, energy, and security. Today, Godrej Enterprises Group, has presence across 5 continents with a market-leading presence across diverse consumer and industrial businesses spanning Aerospace, Aviation, Defense, Energy, Locks & Security Solutions, Green Building Consulting, Construction and EPC Services,



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