

PTC Industries and Bharat Dynamics Limited sign MoU to establish a Joint Venture for manufacturing advanced propulsion systems and aero-engines for missiles and UAVs

Lucknow, 19 October 2025: PTC Industries Limited, a leading manufacturer of high-performance materials and precision-engineered components for critical Defence and Aerospace applications, announced that it has signed a **Memorandum of Understanding** with **Bharat Dynamics Limited** to establish a **Joint Venture Company** dedicated to the design, development and manufacture of **complete propulsion systems, guided bombs, and aero-engines for missiles, UAVs and loitering munitions**, subject to requisite regulatory approvals.

Bharat Dynamics Limited (BDL) is a leading Indian public sector enterprise engaged in manufacturing guided missiles and underwater weapons for the Indian Armed Forces.

The MoU was exchanged at the **Lokarpan Ceremony** of PTC's **Titanium & Superalloys Materials Plant** at the Strategic Materials Technology Complex (SMTC), Lucknow, in the presence of the **Honourable Raksha Mantri, Shri Rajnath Singh Ji**, and the **Honourable Chief Minister of Uttar Pradesh, Shri Yogi Adityanath Ji**.



This collaboration will propel the 'Make in India' initiative by reducing dependence on foreign suppliers and enhancing domestic propulsion manufacturing capabilities including **liquid and solid rocket motors, ramjet and turbojet engines for UAVs and drones**. It will also leverage PTC's strengths in manufacturing of **components for defence equipment and critical materials for missiles, munitions, turbo aero engines and subsystems for Defence and Aerospace platforms** to create an integrated, India-based design-to-delivery pathway for strategic propulsion and engine technologies.

Mr. Sachin Agarwal, Chairman & Managing Director, PTC Industries Limited, said:

"This Joint Venture with Bharat Dynamics Limited is a decisive step towards building India's capability in critical propulsion and engine technologies. By combining BDL's proven systems pedigree with PTC's materials, manufacturing and precision-engineering expertise, we will create an indigenous, future-ready ecosystem for missiles, UAVs and next-generation strategic platforms - fully aligned with the vision of Aatmanirbhar Bharat."



About PTC Industries Limited:

PTC Industries Limited is a leading Indian manufacturer of precision metal components for critical and high-performance applications, with a legacy of over six decades. Through its wholly owned subsidiary, **Aerolloy Technologies Limited**, the company manufactures and supplies titanium and superalloy castings for aerospace applications, serving both domestic and global markets.

PTC is significantly expanding its capabilities through a multi-million-dollar investment in its **Strategic Materials Technology Complex (SMTC)**. This advanced facility will feature capabilities for producing aerospace-grade titanium and superalloy materials, along with state-of-the-art foundries and machining facilities for near-net-shape precision components

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