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Chandrayaan 3: Tata, Godrej and other companies that are part of the mission

Gadgets Now Bureau / 25 Aug, 2023, 08:48AM IST

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After a 40-day journey, the Chandrayaan-3 venture led by the Indian Space Research Organisation (ISRO) has achieved a momentous feat by successfully landing its Vikram lander near the South Pole of the moon. This achievement positions India as the first nation to attain a successful lunar landing at the moon's southern extremity. Collaborative efforts with private sector enterprises have played a significant role in the Chandrayaan-3 mission's success. Listed below are the eight companies that worked with ISRO for the successful Chandrayaan 3 mission.



Tata Consulting Engineers

Tata Consulting Engineers were responsible for constructing several crucial systems and sub-systems essential for the triumph of space missions, such as the propellant plant, the vehicle assembly building, and the mobile launch pedestal. These components were meticulously tailored to ensure the seamless execution of successful launches.

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Godrej Aerospace

Godrej Aerospace, the sole manufacturer of Liquid Engines for space launch vehicles developed key engines and thrusters for the mission. The company manufactured L110 for the core stage and CE20 engine thrust chamber for the upper stage



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Larsen and Tourbo's (L&T)

The aerospace wing of Larsen and Tourbo's (L&T) supplied some important components for the launch vehicle of Chandrayaan 3. The company also provided some critical booster segments such as head-end segment, middle segment and nozzle bucket flange and more.

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BHEL

Bharat Heavy Electricals Limited (BHEL) has manufactured batteries for the Lander and the propulsion module.



Mishra Dhatu Nigam

Mishra Dhatu Nigam, the Hyderabad-based metal manufacturing company supplied some important materials such as cobalt base alloys, nickel base alloys, titanium alloys and special steels for various components of the vehicle.



MTAR Technologies

MTAR Technologies manufactured some of the key components such as engines and booster pumps for Chandrayaan 3.

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Ankit Aerospace

The Bengaluru-based Ankit Aerospace company supplied alloy steel, stainless steel fasteners and specially-crafted titanium bolts for the launch vehicle.

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Walchandnagar Industries

Walchandnagar Industries provided some vital booster segments, namely the S200, employed within the launch vehicle. Additionally, they supplied flex nozzle control tankages and the necessary hardware for the S200 Flex nozzle.

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