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The Success of Chandrayaan-3 Mission Boosts Make in India Programme

The success of the Chandrayaan-3 mission is expected to have a positive impact on India's Make in India programme. Experts predict that it will encourage investments in private space launches and satellite-based businesses. The Indian Space Research Organisation (ISRO)'s achievement has opened up new opportunities in the space exploration and commerce market, and is likely to help private space companies increase their share of the global launch market.

Following the successful completion of the lunar project, shares of 13 Indian space-sector companies saw a significant increase in market value. Companies such as PTC Industries Ltd, Zen Technologies Ltd, and Centum Electronics Ltd rallied and added over \$2.5 billion in market value.

The Make in India programme, which began in 2014, aims to attract investments in the manufacturing sector. The government has been focused on developing an indigenous space programme, reducing dependence on foreign manufacturers. For the lunar mission, ISRO collaborated with private partners to manufacture spacecraft components and hardware in India. This approach not only helped in cost-effectiveness but also ensured the participation of private companies in the mission's success.

Tata Consulting Engineers Limited (TCE), the largest Indian private-sector engineering and project management consultancy, played a vital role in engineering critical systems and sub-systems for the project. Godrej Aerospace, a business unit of Godrej and Boyce, made significant contributions by supplying liquid propulsion engines and satellite thrusters.

Besides these companies, several others such as Larsen & Toubro, Walchandnagar Industries, Centum Electronics, and Ananth Technologies also contributed to the mission's success.

The Chandrayaan-3 mission aims to advance and showcase novel technologies essential for future interplanetary endeavors. While ISRO leads the mission, it's important to recognize the hard work and contributions of various private companies involved.

Overall, the success of Chandrayaan-3 is a significant milestone not only for ISRO but also for India's space programme and the Make in India initiative. It reinforces India's capabilities in the space sector and paves the way for further advancements and opportunities in the future.