

**GOVERNMENT OF INDIA
DEPARTMENT OF SPACE**

LOK SABHA

STARRED QUESTION NO. 9

TO BE ANSWERED ON WEDNESDAY, DECEMBER 07, 2022

LAUNCH OF VIKRAM-S ROCKET

***9. SHRI VINOD KUMAR SONKAR:**

SHRI BHOLA SINGH:

Will the PRIME MINISTER be pleased to state:

- (a) Whether India has launched the first privately made rocket 'Vikram-S' recently and if so, the details thereof;**
- (b) Whether ISRO has successfully accomplished "Mission Prarambh" recently in the country, if so, the details thereof;**
- (c) Whether the successful launch of indigenously developed and built low-earth orbit launch vehicle is likely to propel private multi-billion space tech investments and accelerate delivery of constellations for new India, if so, the reaction of the Department thereto;**
- (d) Whether this is a precursor to commercial launch missions in the country, if so, the details thereof;**
- (e) Whether the Government has any plans to promote start up tech ecosystem in Space technology, if so, the details thereof; and**

(f) The other steps being taken by the Department of Space to empower India's position in the space sector in the world?

ANSWER

**MINISTER OF STATE IN THE MINISTRY OF PERSONNEL, PUBLIC
GRIEVANCES & PENSIONS AND IN THE PRIME MINISTER'S OFFICE
(DR. JITENDRA SINGH):**

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(a) to (f) A Statement is laid on the Table of the House.

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**STATEMENT LAID ON THE TABLE OF THE LOK SABHA IN REPLY TO
STARRED QUESTION NO. 9 REGARDING “LAUNCH OF VIKRAM-S
ROCKET” ASKED BY SHRI VINOD KUMAR SONKAR AND
SHRI BHOLA SINGH FOR ANSWERING ON WEDNESDAY,
DECEMBER 07, 2022.**

- (a) Yes, Sir. India’s first privately made rocket ‘Vikram-S’, developed by M/s Skyroot Aerospace Private Limited, Hyderabad was launched on 18th November, 2022. This was a sub-orbital mission to demonstrate and validate the design of launch vehicle indigenously developed by an Indian private entity.**
- (b) “Mission Prarambh” was accomplished by M/s. Skyroot Aerospace Private Limited, with authorization from IN-SPACe – Indian National Space Promotion and Authorization Centre – a single window agency under Department of Space to promote, handhold and authorize the space activities of Non-Government Entities. ISRO supported M/s. Skyroot Aerospace through sharing of technical facilities and necessary technical reviews.**
- (c) Yes, Sir. The successful demonstration of flight of an indigenously developed and built Launch Vehicle is likely to propel private space tech investment and is a step in the right direction towards developing small satellite launch capability intended to accelerate the delivery of satellites in orbit.**

- (d) Yes, Sir. The successful completion of “Mission Prarambh” demonstrates the positive impact of the space reforms, brought forth in 2020, in a short period of time and signifies onset of rapid expansion of the space ecosystem in the country. Several other Non-Government Entities (NGEs) have been engaging with IN-SPACe, with an intent to provide commercial launch services.**
- (e) Yes, Sir. In order to promote the involvement of Non-Government Entities, including Start-ups, IN-SPACe has been acting as a single-window agency to facilitate sharing of ISRO facilities and technical expertise, serving as a one-stop solution to foster and transform the innovations of Start-ups into full-fledged space products.**
- (f) The Department of Space is in the process of establishing a predictable, forward-looking, enabling regulatory regime for space activities in the country, through a comprehensive, well-defined policy for the entire gamut of such activities. Further, the NewSpace India Limited, a Public Sector Enterprise under Department of Space, has been empowered to bring a commerce-oriented approach to space activities. These initiatives shall go a long way in expanding the nation’s share in global space economy and strengthen India’s position as a leading space power.**
