

GOVERNMENT OF INDIA
DEPARTMENT OF SPACE

RAJYA SABHA

UNSTARRED QUESTION NO. 1406

TO BE ANSWERED ON THURSDAY, DECEMBER 11, 2025

TECHNOLOGY TRANSFER TO INDUSTRY

1406. SHRI KESRIDEVSINH JHALA:

Will the PRIME MINISTER be pleased to state:

- (a) whether ISRO has been developing critical space technologies within the country and whether ISRO plans to transfer these technologies to the industry for carrying out end-to-end production of space systems;
- (b) if so, the technologies transferred, so far;
- (c) whether the Department has any special consideration for startups in transferring these technologies; and
- (d) whether the Department has plans for a new technology transfer policy and if so, the details of its status?

ANSWER

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

(a) & (b)

Yes, ISRO is pursuing large amount of Technology development and R&D activities in critical space technologies required for future Indian space programme includes Stage Recovery & Reuse, LOX-Methane Engine, Air breathing / Hybrid Propulsion, Advanced Materials & Manufacturing, Advanced Inertial systems, Low Cost Spacecrafts, Inter-linking of satellite networks, On-Orbit Servicing, Docking, Lunar sample return, Quantum Communication, Electric Propulsion, Advanced Scientific Payloads, Space Based Surveillance, Atomic Clock, Travelling Wave Tube Amplifiers

for communication payloads, Technologies for sustained Human space missions viz. Regenerative Life support systems, Rendezvous & Docking, Inflatable habitats, Human factor & Engineering studies etc.

ISRO along with NSIL and IN-SPACe is taking various proactive measures required to maximize the transfer of technologies generated in various areas to Indian industries, thereby contributing towards technological self-reliance, industrial growth and national development.

- (c) Yes Sir, in this regard, IN-SPACe as well as NSIL have taken initiative to list out all the ISRO technologies which are available for transfer to Indian Industry (including startups) in their web portal(s) and offer the same with a price support of 30% concession in the Technology Transfer Fee to all the categories of industries viz., Startups, MSMEs, Academia etc., under Differential Pricing Policy of IN-SPACe
- (d) Department has drafted new Technology Transfer Guidelines and it is processed for approval of the Competent Authority.
