

ENT 603 Introduction to Entrepreneurship



Domain : Space Tech
12th Aug 2024, Session 5

Desai-Sethi School of Entrepreneurship

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by the cricket body.
The BCCI has claimed ₹158 crore as the overdue amount.
According to the counsel, the amount would be paid in three instalments over the next 10 days.
"We have almost resolved the mat-

another amount has to be paid by Friday, and the balance has to be paid by next Friday, which is August 9," said the advocate.
Solicitor general Tushar Mehta,

disc
were ongoing,
two sides an
the NCLAT to pus
to Wednesday, which
ties and the tribunal

Indian Space Tech Cos Bagged Record \$126m Last Year, says Tracxn

Says year-to-date funding stands at \$10.8m

Our Bureau

Bengaluru: India's space technology sector received \$126 million funding in 2023, up 7% from \$118 million raised in 2022 and a 235% increase from \$37.6 million in 2021, according to data intelligence platform Tracxn. In 2024, the year-to-date funding stands at \$10.8 million.

"Despite a global slowdown in funding, the Indian space technology sector has been experiencing an upward trend, driven by substantial government support and significant innovations," said the data provider.

India has more than 100 space technology startups, the majority of which were founded in the past five years. The budget proposed a venture capital fund of ₹1,000 crore. As per the Economic Survey released before the budget, India has 55 active space assets, including communication, meteorological and earth observation satellites.

Funding in the sector is predominantly

Funding in the sector predominantly driven by early-stage investments, Tracxn said

driven by early-stage investments, Tracxn said. In 2023, early-stage rounds attracted \$120 million of the total \$126 million raised, up 5% from \$114 million in 2022. In 2024, early-stage funding

has reached \$8.5 million to date. Seed-stage funding increased 24% to \$5.3 million in 2023 from \$4.3 million in the previous year.

"However, despite this growth in early-stage and seed-stage funding, the nascent ecosystem for private sector participation in Indian space technology startups has not yet experienced any late-stage funding," said the private market research company.

Skyroot Aerospace is the highest-funded active space technology startup in India, with an overall funding of \$99.8 million, followed by Pixxel (\$71.7 million) and Agnikul (\$61.5 million).



Paytm Profit Lower

Fintech fir

Our B

Mumbai: One of the leading fintech firms, Paytm, remains facing profitability challenges in the first quarter this financial year, as the union budget incentives to promote fintech, chief executive officer Harish Sharma said.

The government's budget allocation for fintech firms for the first quarter of the financial year has been reduced from ₹1,441 crore to ₹3,500 crore in the interim budget.

"We remain committed to do the same (achievable quarter) and have already started without UPI," Sharma said. The firm is launching the near field communication card solution, a payment acceptance device that can process tap-based ca

Our Space Entrepreneurs



DESAI SETHI
SCHOOL OF ENTREPRENEURSHIP

**ENT 603 : INTRODUCTION TO
ENTREPRENEURSHIP**

GUEST SESSION

SPACE TECHNOLOGY

TUSHAR JADHAV
CO-FOUNDER, CEO
MANASTU SPACE



ASHTESH KUMAR
CO-FOUNDER, CTO
MANASTU SPACE

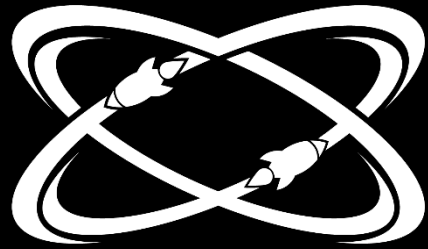


MONDAY, AUGUST 12

7:00PM-8:30PM

LA 002





MANASTU SPACE

Space For All Mankind

Manastu Space – The Journey, The Plan
Challenges and Opportunity Ahead



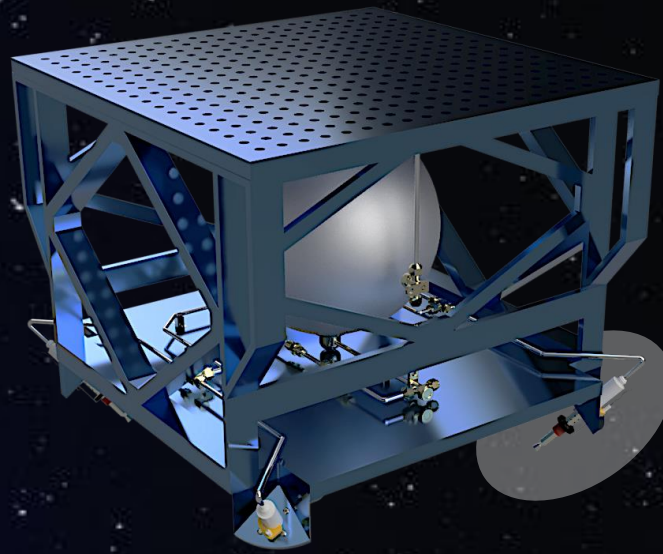
Space For All Mankind

Space has the potential to solve some
part of all problems on earth

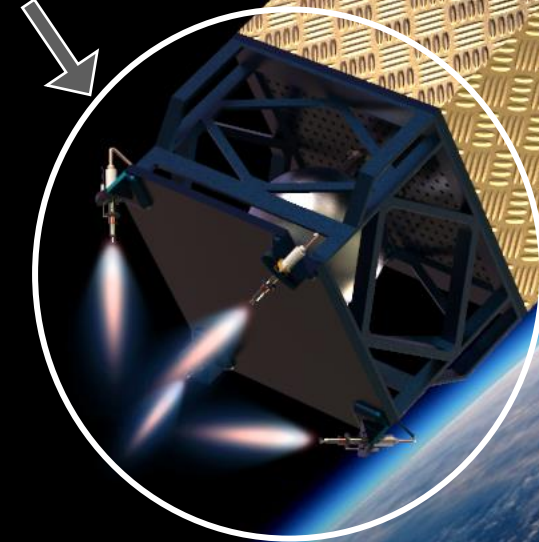


First DRDO TDF Contract: A Complete Propulsion System to Satellites (2019)

Green Propulsion System for DRDO satellites



Complete
Propulsion
System



Our Product: A Complete I-Booster Propulsion System to Satellites

1 New Satellite Fuel

(Patent Filed)

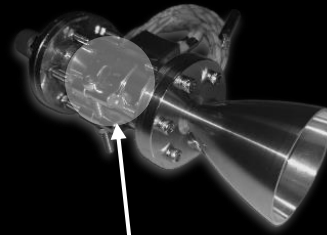
Oxidiser
Hydrogen
Peroxide
+
Additives



2 New Satellite Engine

(Patent Filed)

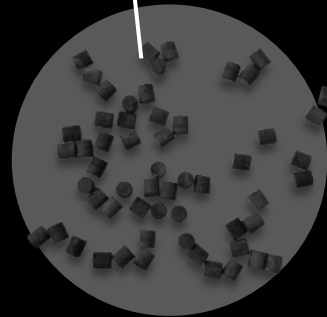
Efficient &
Reliable
Engine
Design



3 New Catalyst

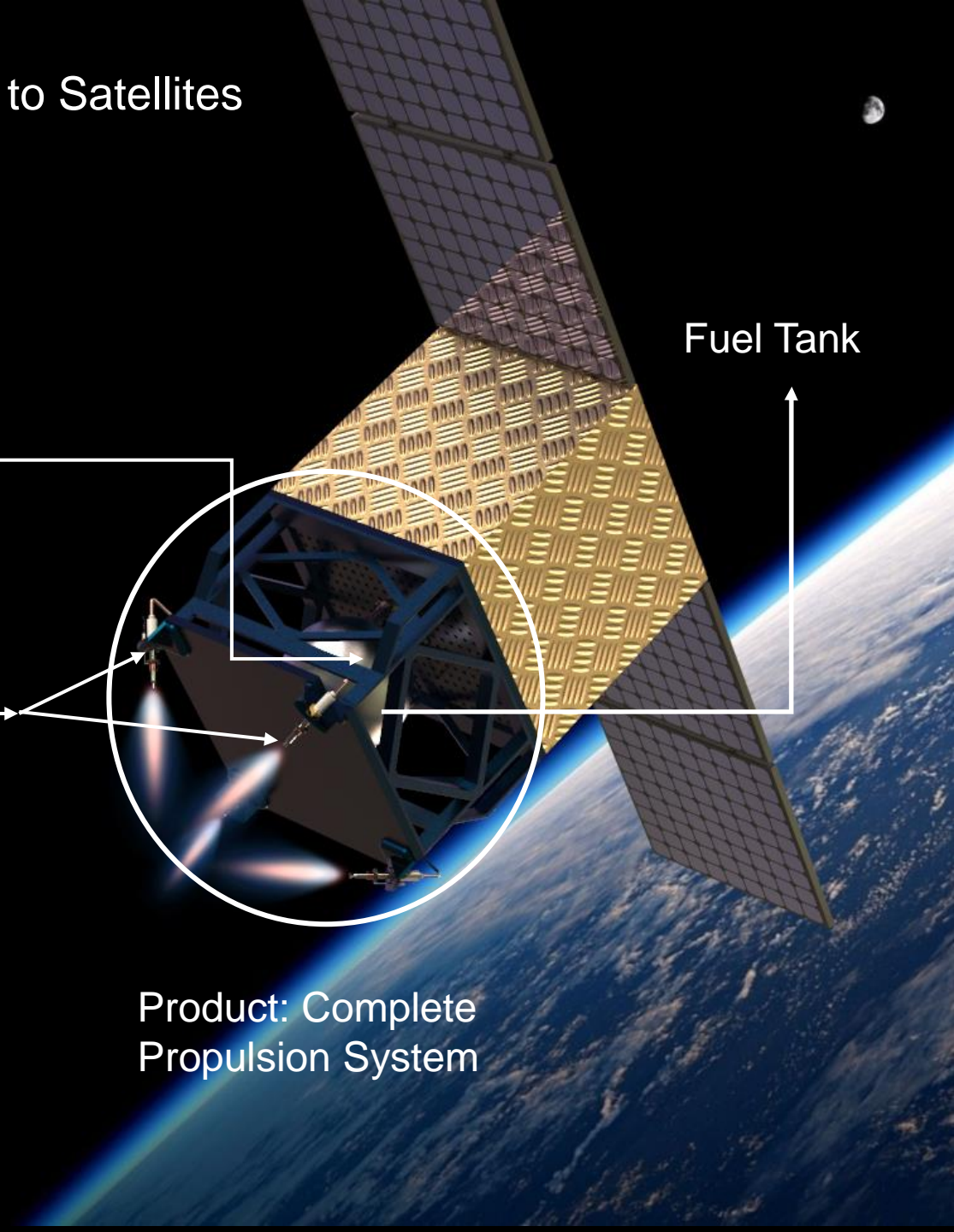
(Patent Filed)

Ultra-High
Temperature
Ceramic
Catalyst

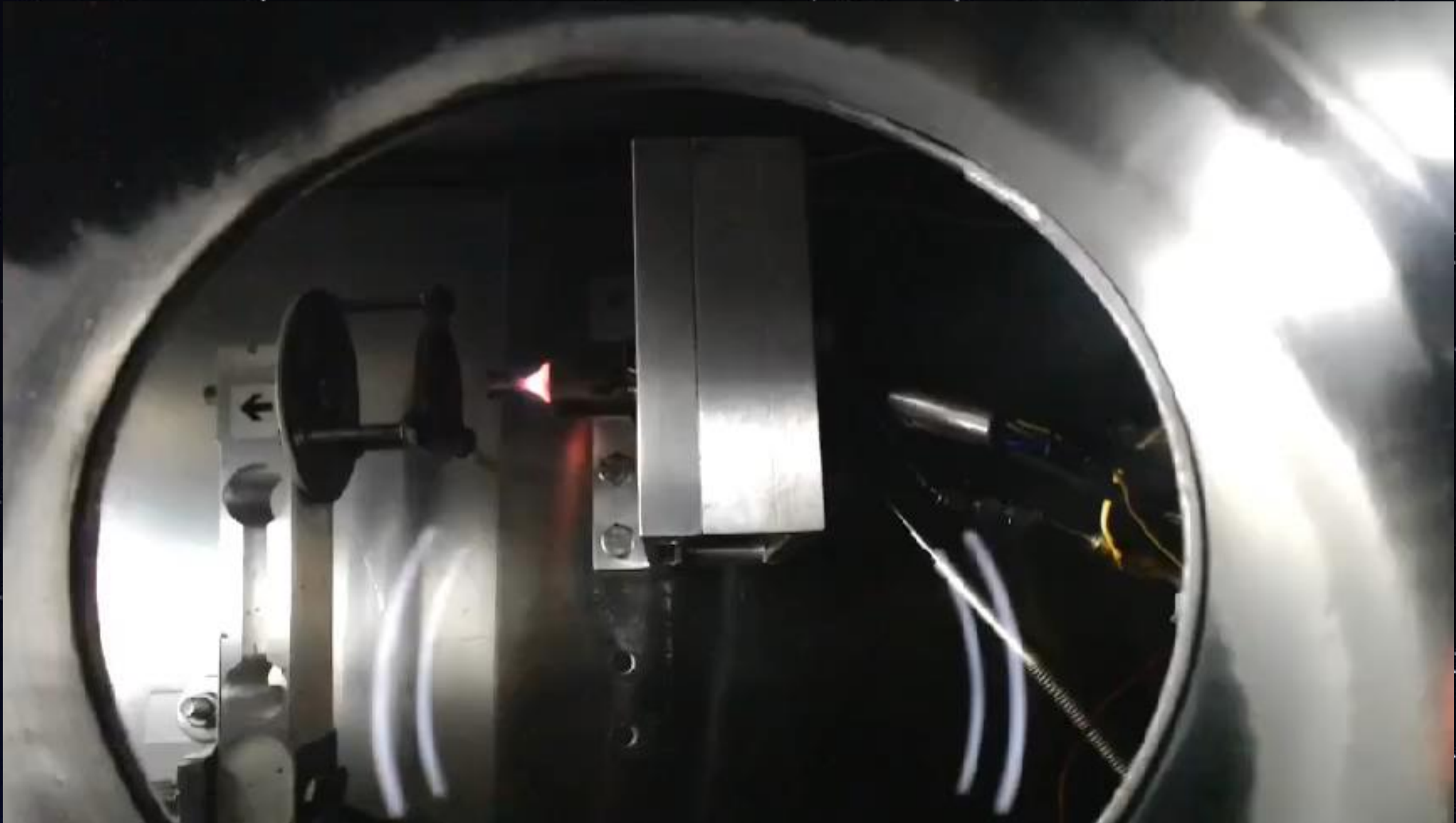


Fuel Tank

Product: Complete
Propulsion System

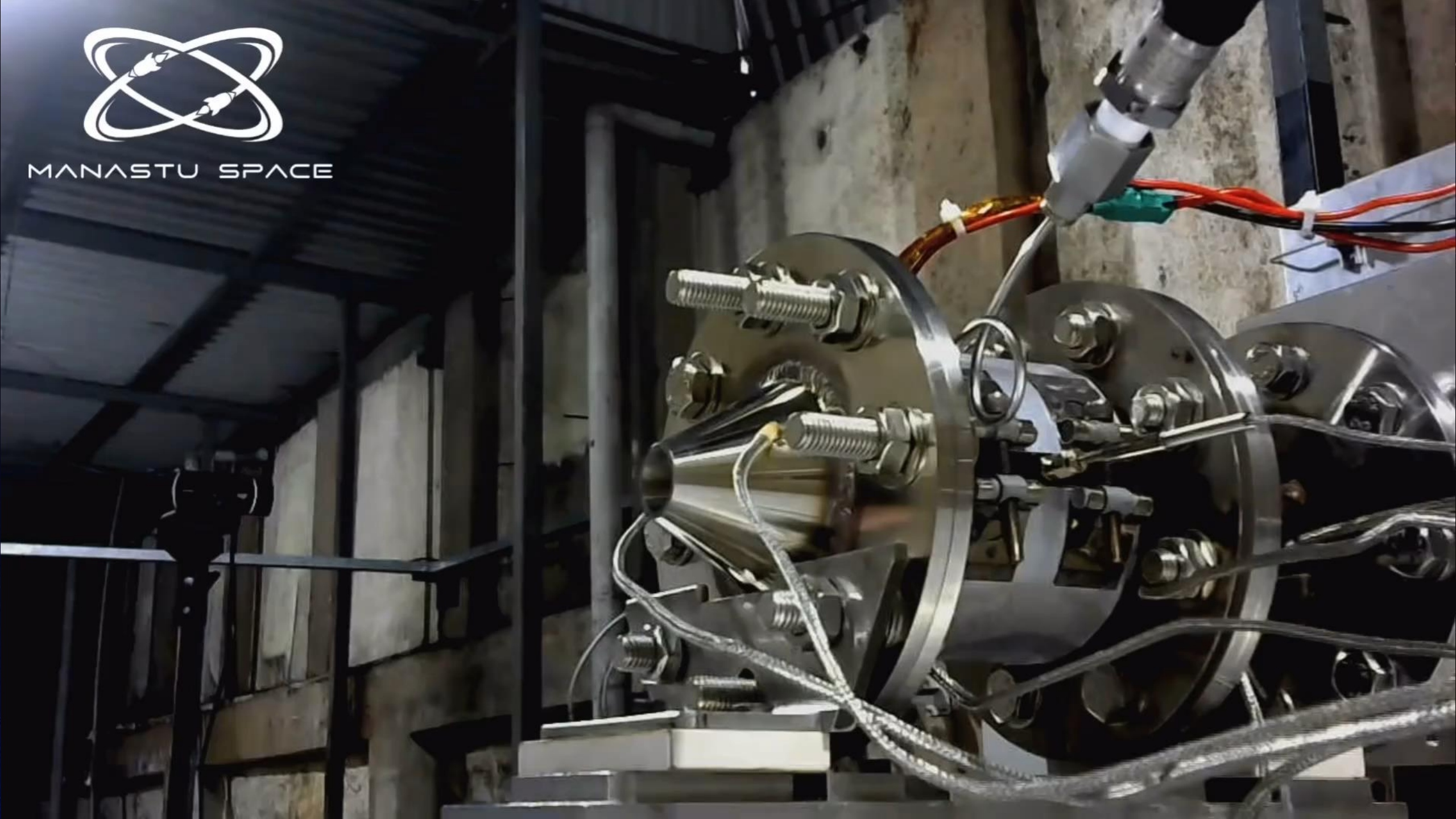


Propulsion System Successfully Undergone Vacuum Testing





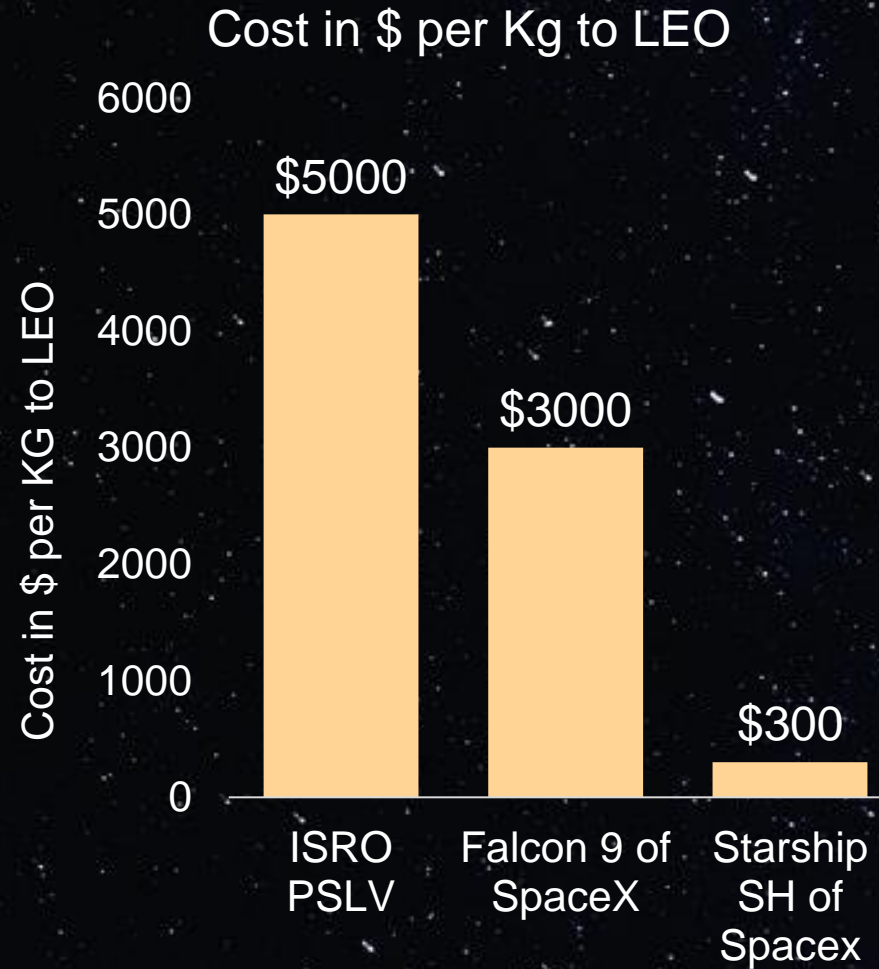
MANASTU SPACE



Space is Undergoing Unprecedented Transformation



Starship- Super
Heavy LV



Effect of the Starship on Space Economy

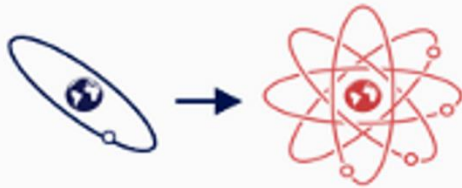
More powerful satellites



Obsolescence of miniaturization



Faster constellation launch



In-space refueling



Single module space stations



Monolithic transportation systems



Some of the Challenges and Opportunity

Sustainability In Space

- SSA
- Collision Avoidance
- Refuelling
- Maintenance of Satellite
- Deorbiting

Emergence of New Business Models

- Inspace Manufacturing
- Space Tourism
- Asteroid Mining
- Space Station
- Real time Video Surveillance
- Space-based energy

New Ways of Doing Old Business Models

- Larger Satellites
- Optimised for the Production
- Reusable Satellites
- Modular Satellites
- Larger and faster Constellations
- Larger Space Observatory

Thank you IIT Bombay for all the Support!

Manastu Space would not be possible without IIT Bombay Support

Best Time to be In India Developing
Space Technology for the World

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