

Science & Technology

By Dr. Abhishek Sir



Gaganyaan Project

What?

- an upcoming mission of ISRO
- planned for 2025
- presently, advanced trials taking place

into the space

— Specifics

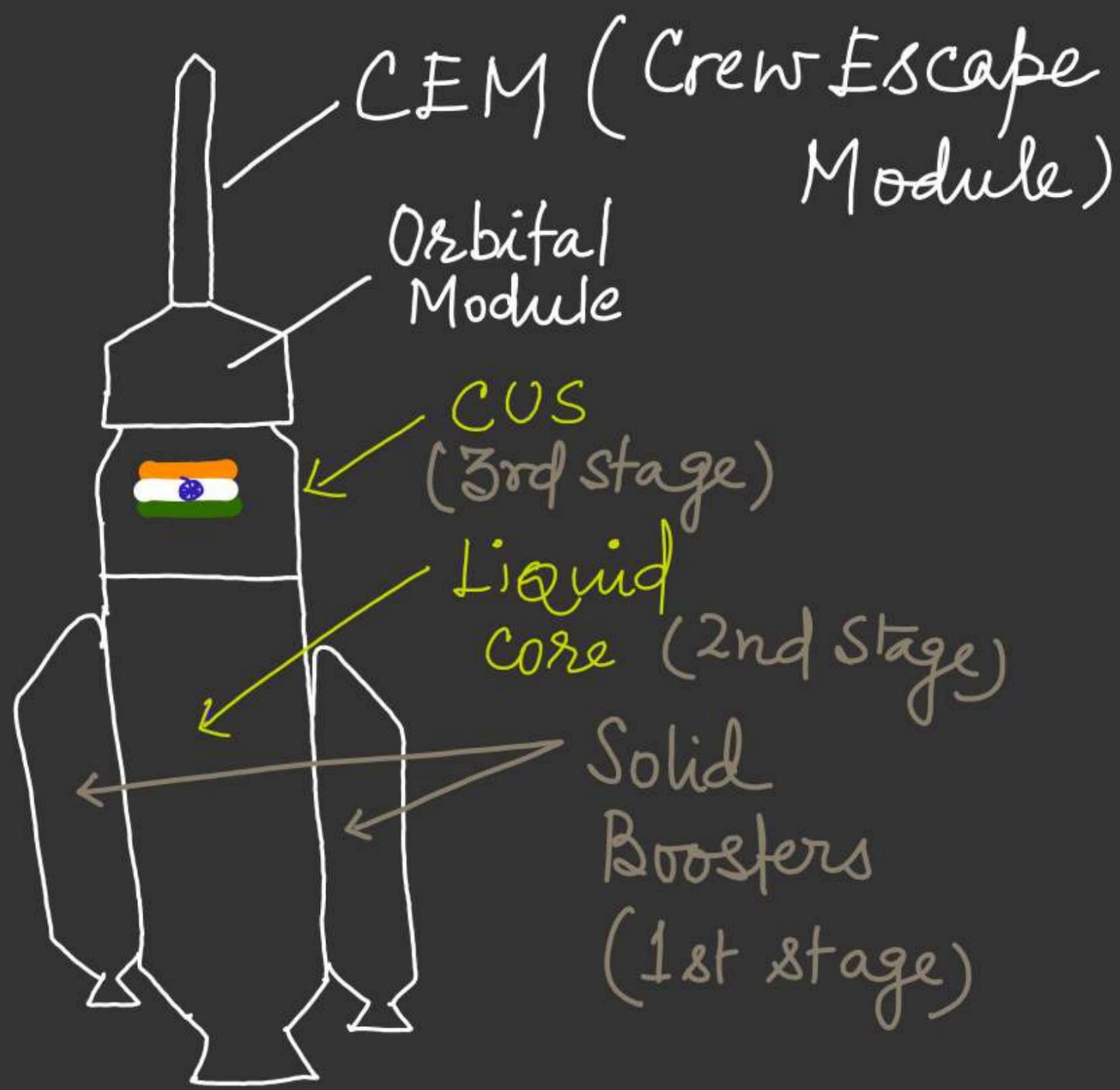
→ 3 (max 4) crew

→ for 3 days

→ in a LEO of 400 km

→ in a "Crew Module"

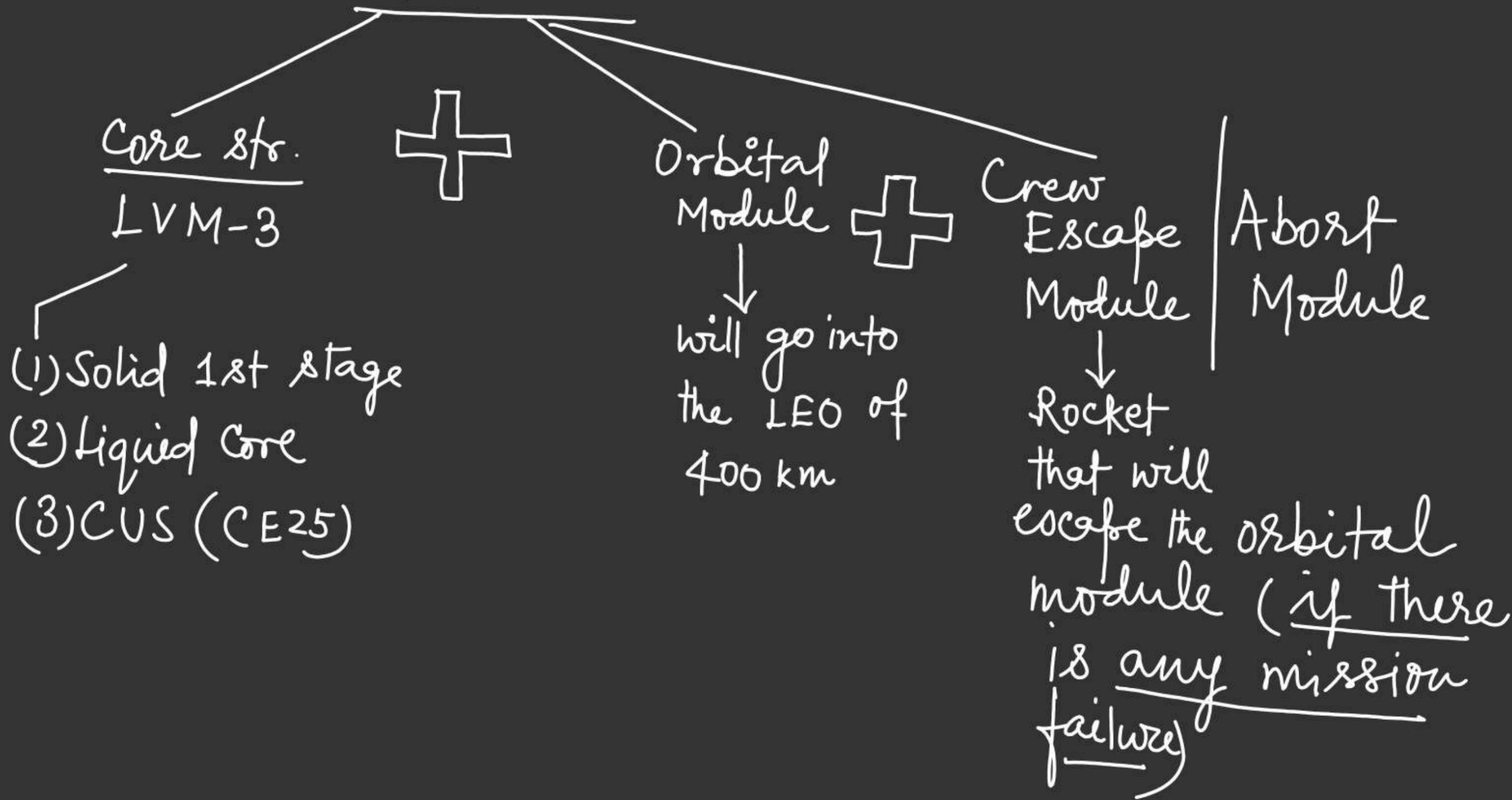
→ Return safely to Sea landing
(in the Indian Ocean)

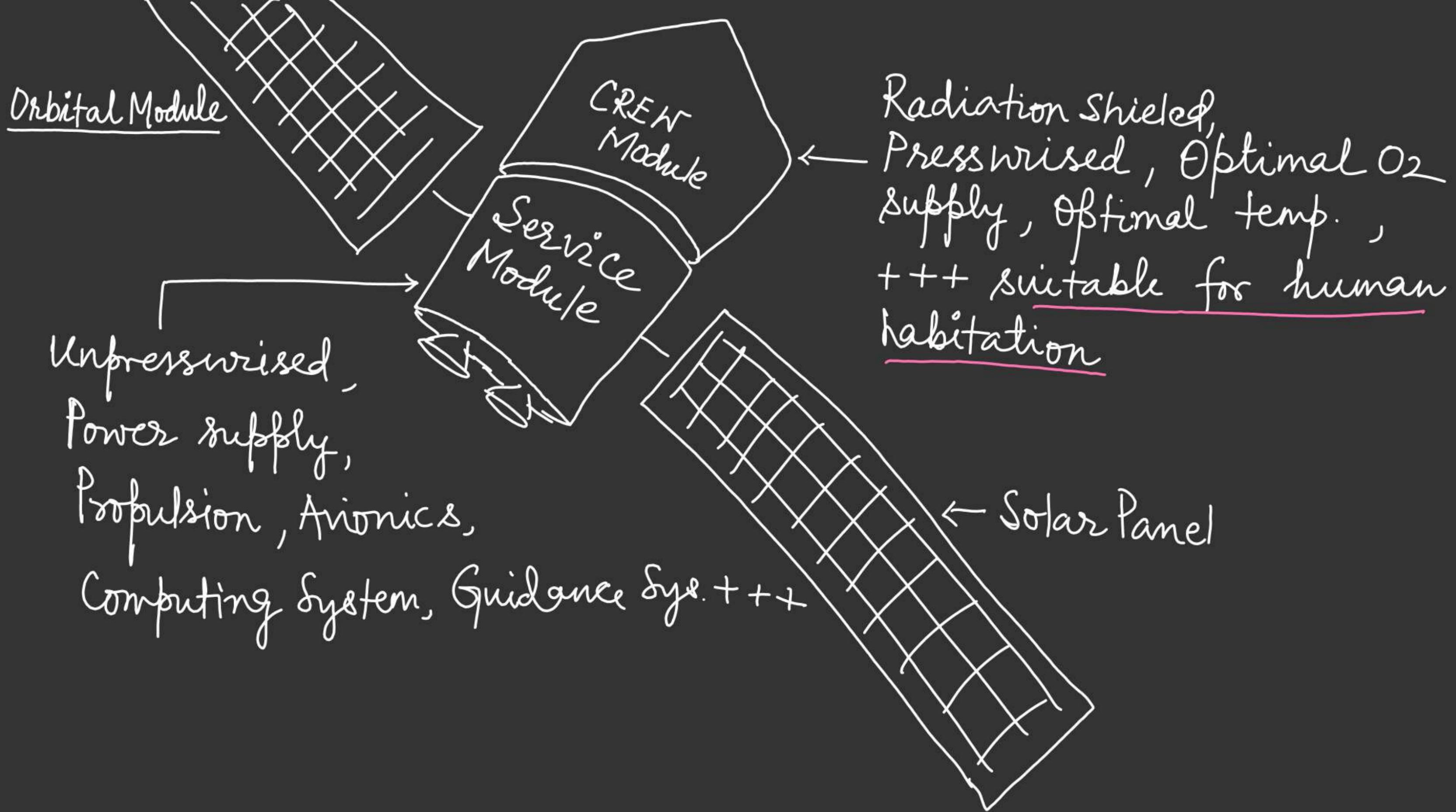


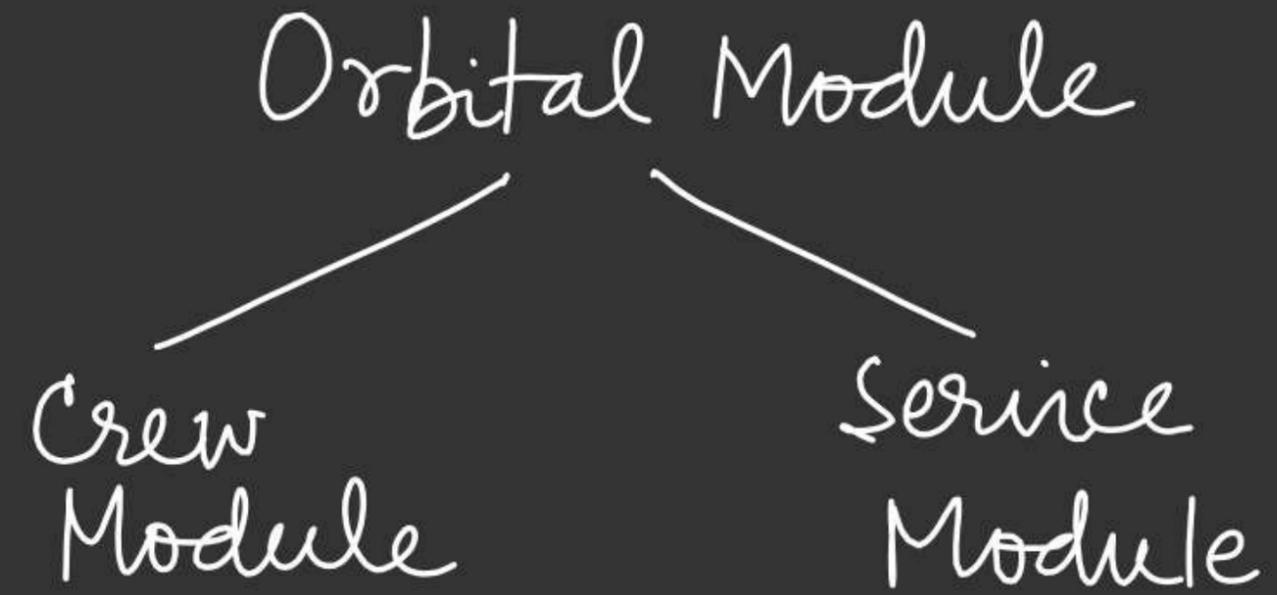
Launch Vehicle
HR LVM-3
(Human Rated LVM-3)

↓
modified for
astronauts' safe
transportation

HR-LVM3







Originally planned for
2021-2022
launch

Now planned
for 2025
launch

Several
test
flights
scheduled
for 2024
& 2025

Delayed for
several reasons

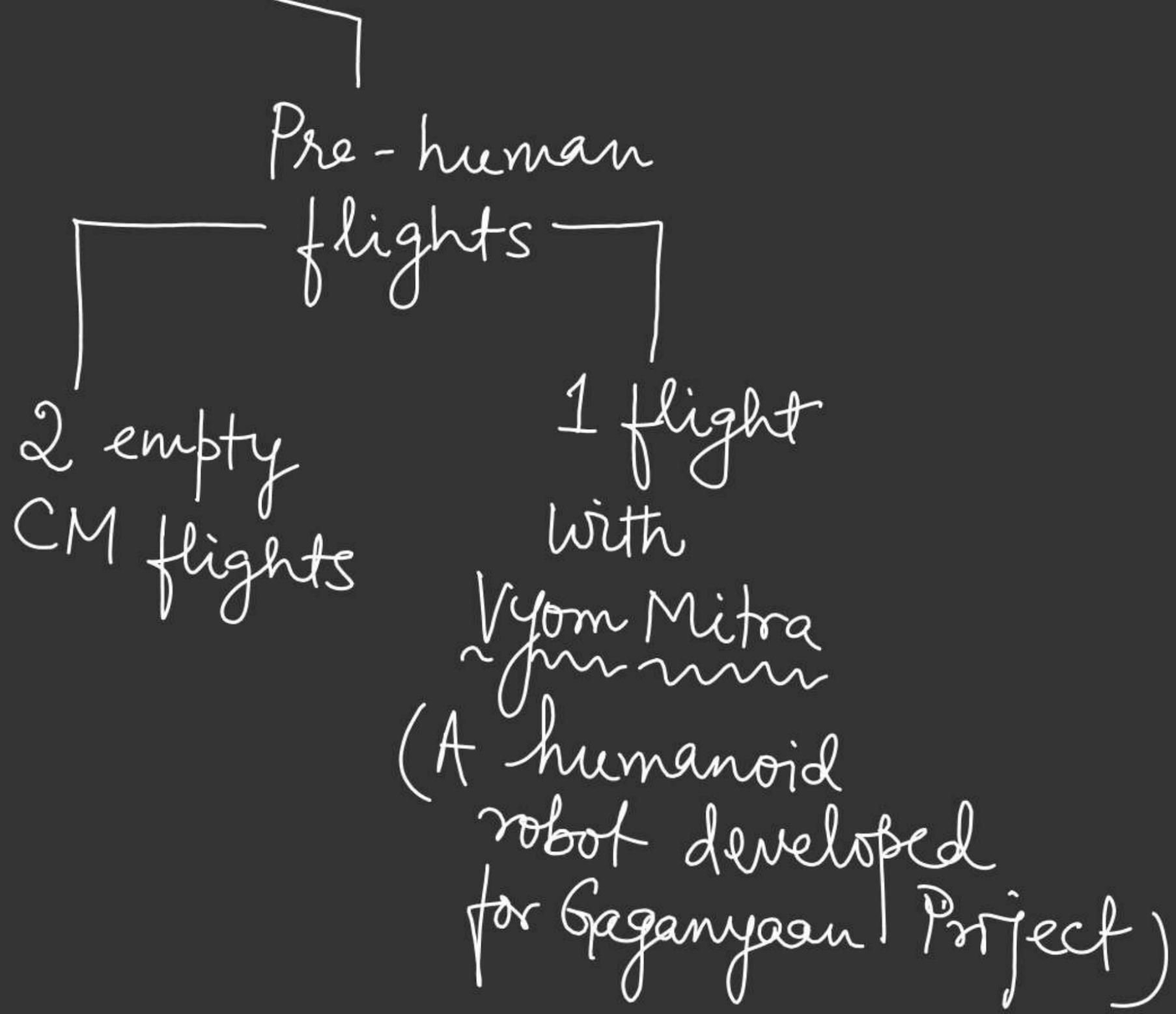
LV technology

Escape Module
Tech.

Pandemic
(Logistic
Coordination)

(CEM successfully
tested in Oct
2023)

g
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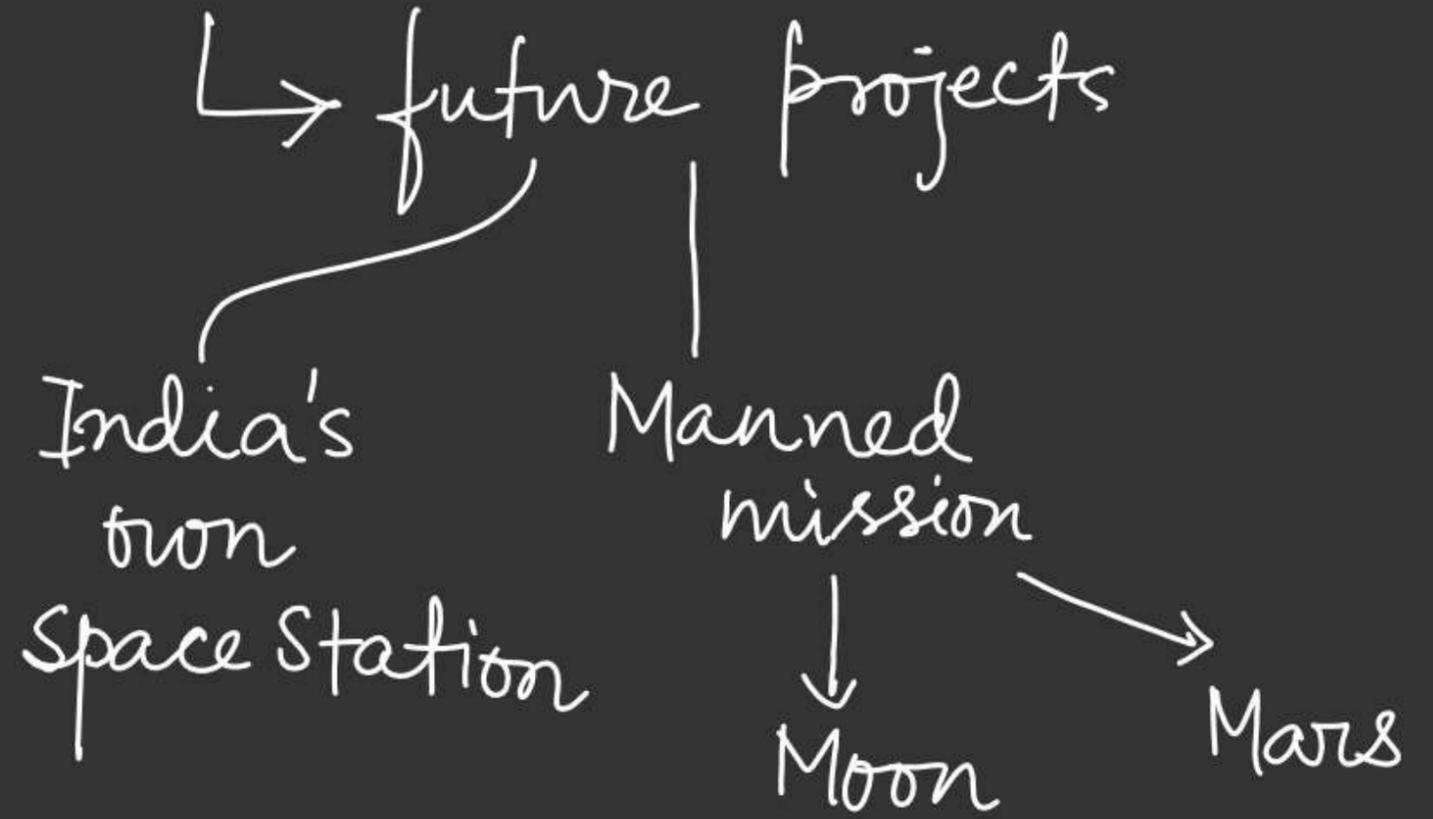
Benefits

(1) Technological Advancement

(2) Boost to industries

(3) Interest in space tech.

(4) Employment Gen.



Strategy

↓
Optimising efforts

TM

Memorisⁿ

Consistency

Positivity

Answer writing

Newspaper/YT

Source limitⁿ

Crisp note making

Motivⁿ 

