



**SPONSORSHIP  
PACKAGE  
2025-2028**



Horizon Aerospace is Memorial University's first and only rocket design team. The team aims to design, build, test and launch a Class FAA2 high-power rocket to participate in Launch Canada 2026. Launch Canada is Canada's national premier rocketry competition taking place every August in Timmins, Ontario.

The logo for Memorial University, consisting of a red rectangular shape above the words "MEMORIAL UNIVERSITY" in a bold, sans-serif font.

**MEMORIAL**  
UNIVERSITY

As the only amateur rocketry club in the province of Newfoundland and Labrador, Horizon Aerospace aims to bridge the gap between students and the Canadian space industry. Through hands-on experience and exposure to aerospace engineering principles and industry standards, we want to prepare the next generation of engineers for space exploration.

Our goal is to spotlight Memorial University and establish Newfoundland and Labrador as the space hub of Atlantic Canada. By fostering innovation and advancing rocketry, we aim to put our province on the map in the growing Canadian space industry.



We are committed to outreach and community engagement through partnerships like the one with Memorial Engineering Outreach to provide rocketry workshops for K-12 students. We aim to participate in research conferences and poster presentations, showcasing our contributions to aerospace research aligning with academia standards.



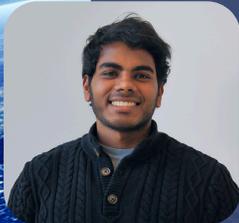
# MEET THE TEAM LEADS

## TEAM CAPTAIN : RIYANA AFROZE



Riyana is a 4th-year Mechatronics Engineering student passionate about robotics, automation and control systems, and their applications for space technologies. She is also the Lead of the Attitude Determination and Control System of **MUNStar-1 CubeSat** to be launched under the Canadian Space Agency's **CUBICS** initiative. Additionally, Riyana is serving as the Deputy Projects Chair for **SEDS-ÉEDS Canada** while being one of the Co-Founders of **wSEDS** and the Founder of the **Canadian CubeSat Network**.

## LEAD SYSTEMS ENGINEER : INUSHA DE SILVA



Inusha is a 4th-year Mechatronics Engineering student with immense systems engineering experience gained from working in multiple student design teams including **Eastern Edge Robotics** and successful work terms in companies like **Exxon Mobil**. Inusha is currently working as a Research Assistant at the **Intelligence Systems Lab** at MUN and is about to join **Kardium Inc.** for Winter 2025 Coop. Inusha spends his free time developing apps and working on robotics projects like hexapods.

## RISK & SAFETY LEAD : MEAGHAN PUGH



Meaghan is a 4th-year Mechatronics Engineering student whose lifelong interest in space and astronautics led her to join **C-CORE** to work on the **MUNStar-1 CubeSat Mission** team for multiple work terms at and continues as a member of their mechanical student design team, awaiting its launch under the **CUBICS** initiative. Meaghan is about to join **MDA Space** for Winter 2025 Coop. She is passionate about mechanical design, actuator and motor control, and robotics.

# PRELIMINARY COST TIMELINE

**\$3,000**

**AUG 2025**  
Avionics, GNC design and manufacturing

**\$5,000**

**OCT 2025**  
Drone testing for avionics, Structure manufacturing, GNC gimbal manufacturing, Wind tunnel testing

**\$6,000**

**DEC 2026**  
Avionics testing in a full-launch of a scaled-down rocket, recovery and payload orders

**\$4,000**

**FEB 2026**  
Static testing of TVC-controlled engine, pop tests for parachute

**\$2,000**

**APR 2026**  
Full launch testing of all subsystems in a scaled-down rocket to fly at speeds of Mach 1 and beyond

**\$35,000**

**JUL 2026**  
Team travel and accommodation for competition in August, rocket shipping



**TOTAL ESTIMATED COST = \$55,000**

**RAISED TO DATE = \$13,700**

# SPONSORSHIP TIERS

	PLANETARY SPONSOR	STAR SPONSOR	SUPERNOVA SPONSOR	GALACTIC SPONSOR
	\$1,000	\$3,000	\$5,000	\$10,000
Company Logo on Team Website	X	X	X	X
Social Media Feature	X	X	X	X
Company Logo on Team Banner	S	M	L	XL
Company Logo on Team T-Shirts		X	X	X
Mention during Team Outreach		X	X	X
Dedicated Post on Social Media			X	X
Company Logo on the Rocket			S	L
Title Sponsor Rights				X

## Title Sponsor Exclusive Benefits:

- Sponsor name and logo will be integrated into the official team name
- Largest and most prominent logo placement on the rocket airframe

\*\*\*We also accept in-kind sponsorships and the donations of materials/equipments/tools and merch/swag\*\*\*