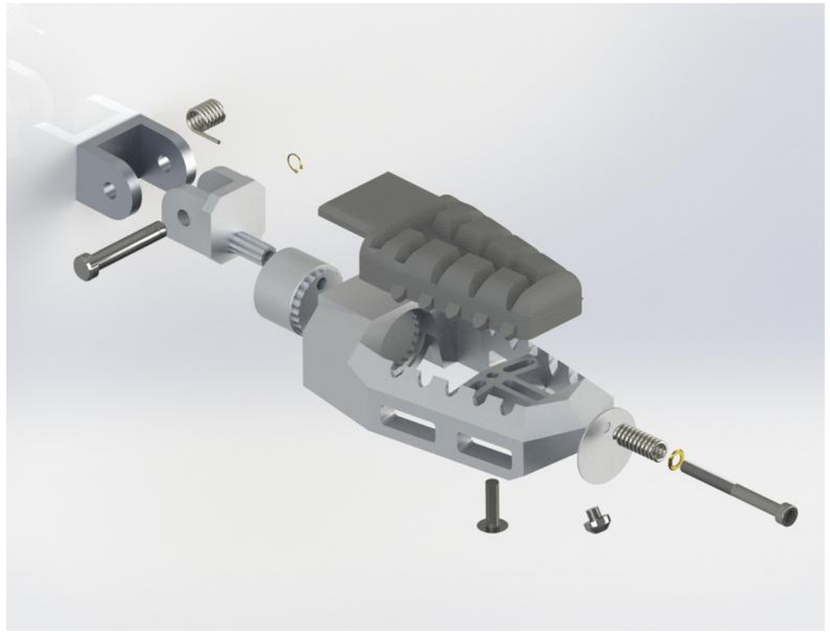
CAD - Portfolio

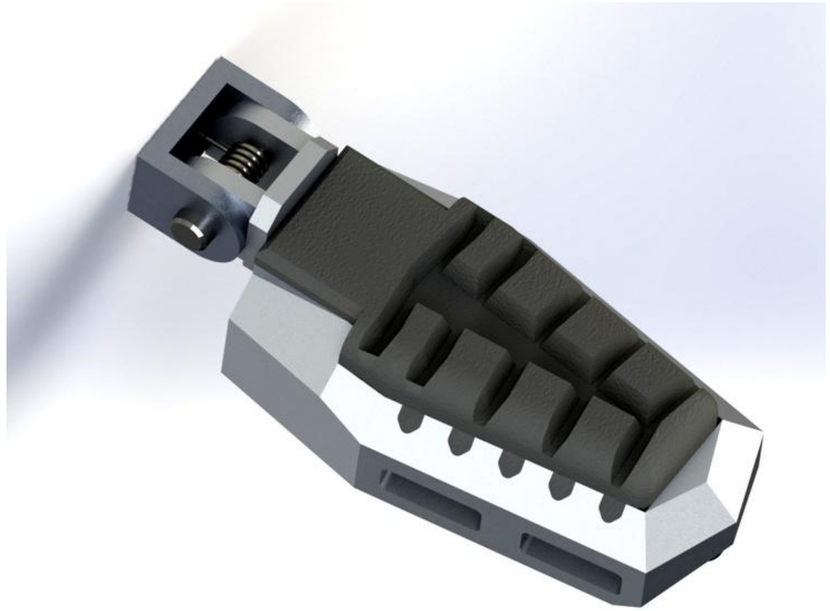
SUJAL K.

Hexa-Pod

This is a CAD model of a hexapod robot designed with six articulated legs for stable and agile movement. The structure features a robust central body with a sleek, angular chassis and integrated sensors, likely for navigation and obstacle detection. Each leg appears to use servo motors for multi-axis control, suggesting a high degree of maneuverability. The design is well-suited for applications in uneven terrain exploration, robotics research, or autonomous surveillance.

Bike Foot Rest





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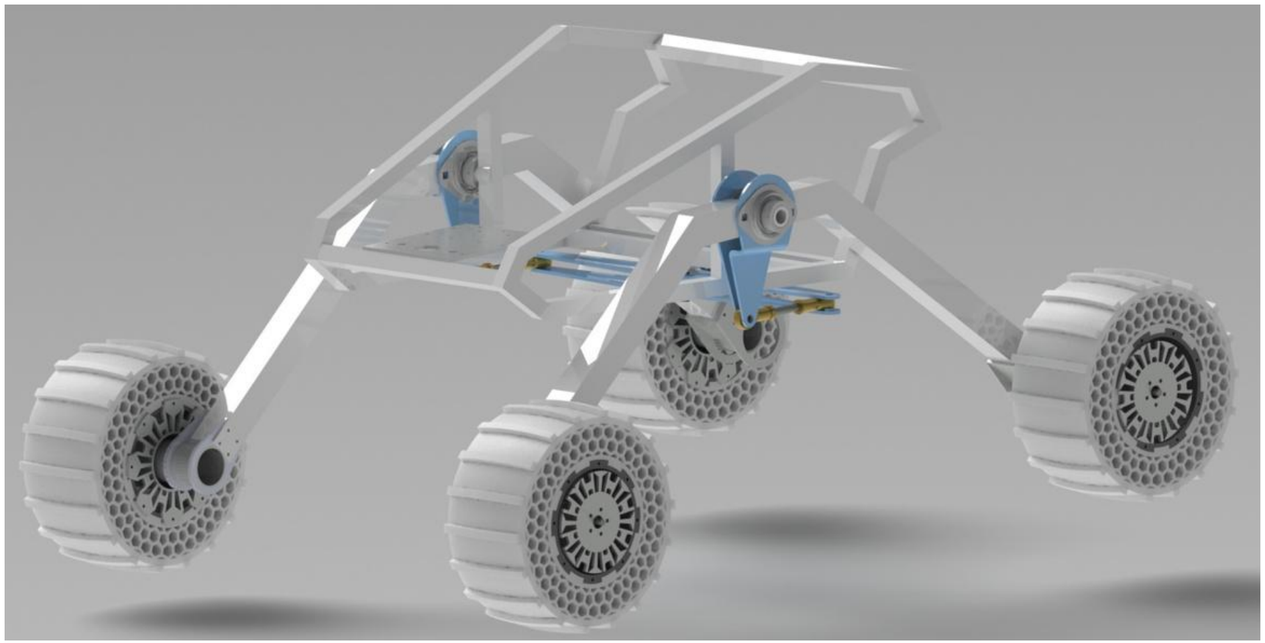
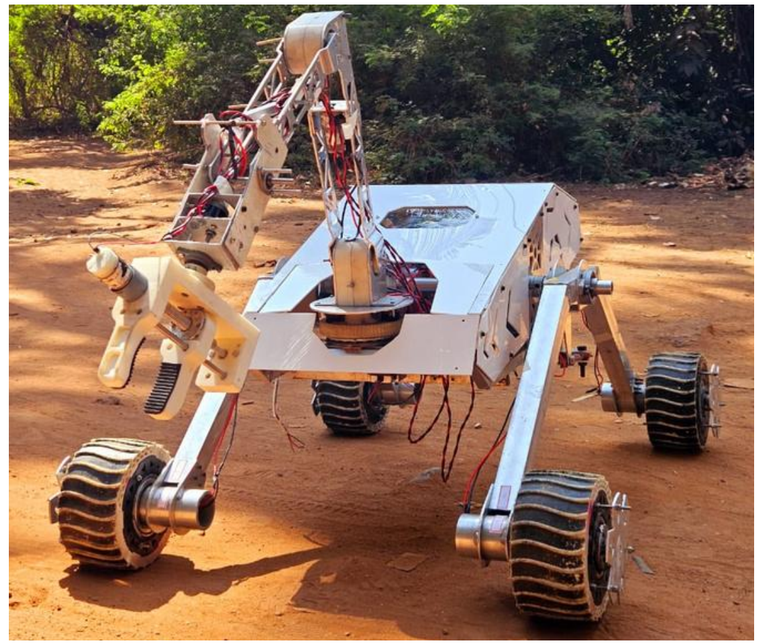
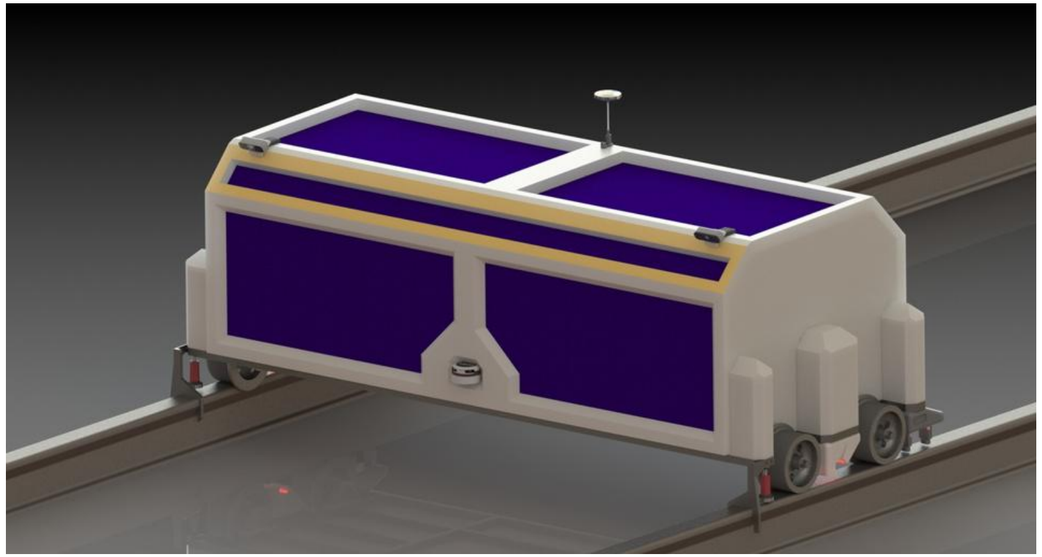
Rover

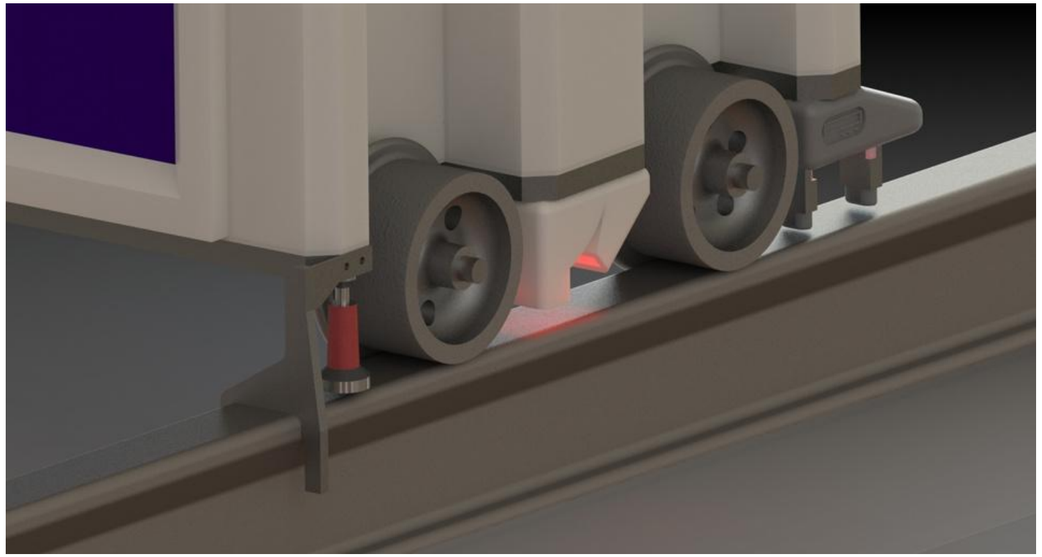




This CAD design of a rover showcases a rugged and compact chassis built for exploration on rough terrains. It features articulated suspension and large wheels for enhanced mobility and stability. Its modular design makes it suitable for planetary research, surveillance, or search and rescue missions.

Railway Inspection Bot





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THANK YOU