

# Main Objectives

- + Reliable remote control system
- + Quality transmission of live video feed
- + Dependable and compact rover chassis

DEPARTMENT OF  
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# VISION ROVER



## Benefits



Reduces human risk & involvement



Automates industrial inspection & monitoring



Increased access and limits of surveillance



Fostering innovation in engineering processes

## THE PROBLEM

In today's engineering processes, real-time data and accurate visual insights are becoming more and more crucial for monitoring and inspection. However, standard approaches aren't always effective due to accessibility issues, safety concerns, and human limits. To overcome these obstacles and provide crucial data, a new approach is required. Our project, the "**VisionRover**," is just that.

## THE SOLUTION

A remotely controlled rover that is able to traverse a long range path while also live streaming high quality video feed which is able to be viewed in virtual reality view as well as, providing ambience temperature and humidity details.

## Basic Functioning

