

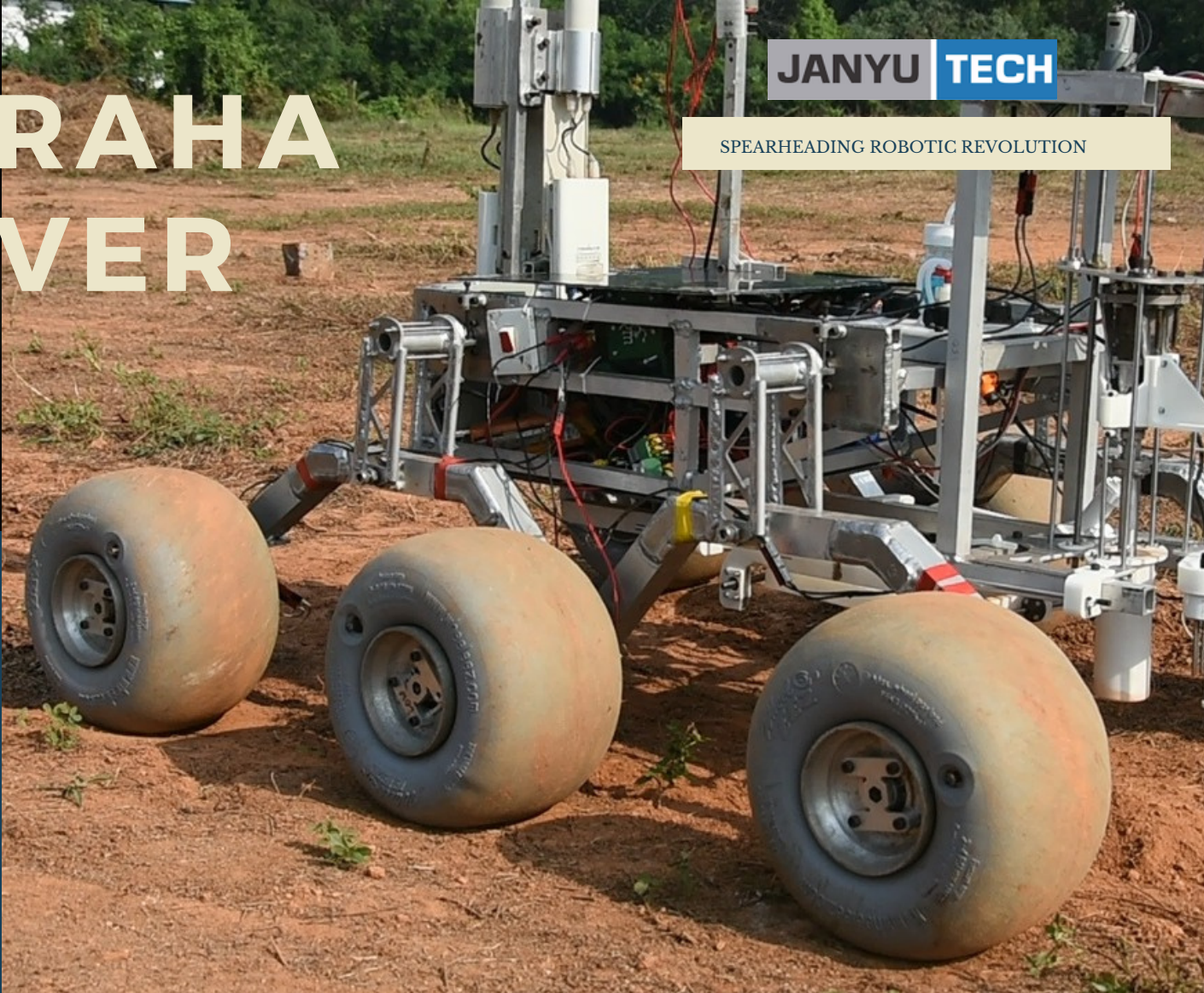
VARAHA ROVER

JANYU TECH

SPEARHEADING ROBOTIC REVOLUTION

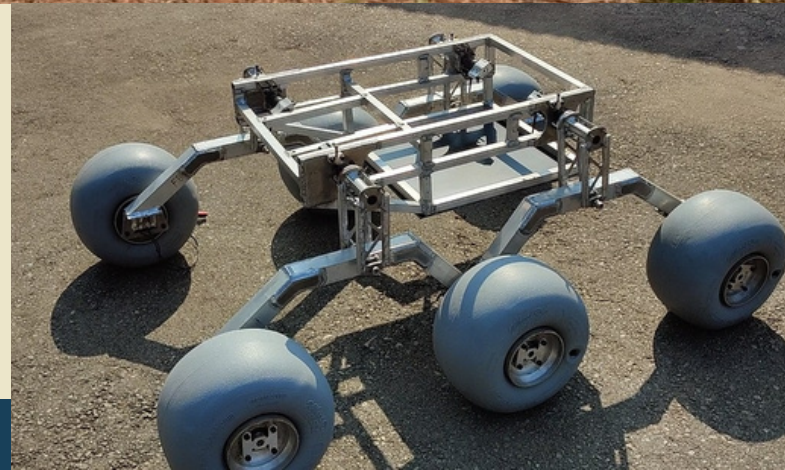
ROVER WEIGHT

Equipment Servicing Mission	46 kg
Extreme Retrieval and Delivery Mission	46 kg
Autonomous Navigation Mission	37 kg
Science Mission	45 kg



ROVER DIMENSIONS

Wheel Base	1.08 m
Track Width	0.84 m
Ground Clearance	0.32 m





VARAHA ROVER ARE DESIGNED TO BE CAPABLE OF TRAVERSING AND PERFORMING TASKS ON MARS- SIMULATED TERRAIN

JANYU TECH

Spreading Robotic Revolution



Astra Microwave Products Limited
On A Winning Wavelength

Robotic OEM focused in defense & strategic sector.
Awarded by National Security Guard Ministry of
Home affairs .

In collaboration with Astra Microwave pvt ltd.

DRIVE TRAIN

Maximum Longitudinal Incline	56 degrees
Maximum Lateral Incline	48 degrees
Maximum Descent	1m at 90 degrees
Maximum Obstacle Size	0.6m at 80 degrees
Maximum Speed	1.8 m/s



ROBOTIC MANIPULATOR

Horizontal Reach	0.9m
Vertical Reach	1.2m
Grip Rotation	+/-360 degree
End Effector Pitch Rotation	+/- 180 degree
Maximum Payload	8 kg

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