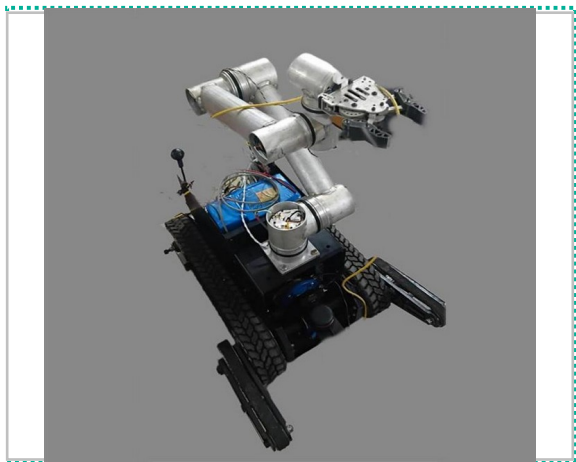
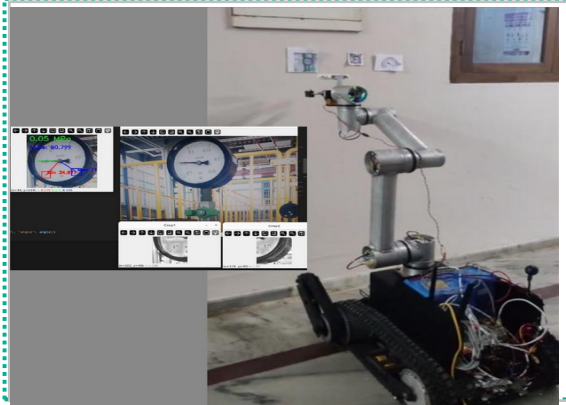


PLANT DISASTER	Challenge	ANAVAD	INDIA, KERALA
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Key Development Points

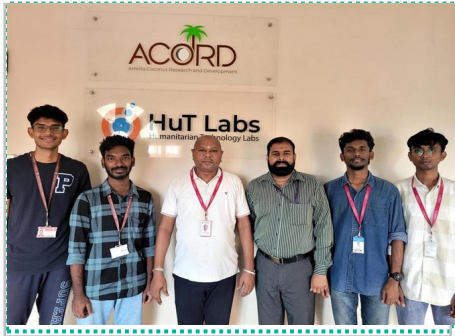
Our robot integrates deep learning, digital twin \visualization, SLAM mapping, and optimized feedback for efficient operation in harsh terrains.



With the mentorship of Prof. Rajesh Kannan, we came together as a team to develop adaptive, intelligent robots that address diverse human needs.

Team Introduction

We are blending AI, vision, and robotics to design intelligent systems that shape a better tomorrow.



Role	Name	Affiliation/Position	Areas of expertise, research fields
Team Leader	Rajesh Kannan M.	Amrita Vishwa Vidhyapeetham, professor.	Electronics engineer, Design For Manufacturing
Team member	Sakthiprasad K. M.	Amrita Vishwa Vidhyapeetham, professor.	Robotics, Machine learning, Computer Vision
Team member	Rajesh Raagul V.	Amrita Vishwa Vidhyapeetham, researcher.	Robotics, Mechatronics
Team member	Subhaash V.	Amrita Vishwa Vidhyapeetham, researcher.	Robotics, Mechatronics

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