Karunya INSTITUTE OF TECHNOLOGY AND SCIENCES

(Declared as Deemed to be University under Sec.3 of the UGC Act, 1956)

MoE, UGC & AICTE Approved

NAAC A++ Accredited

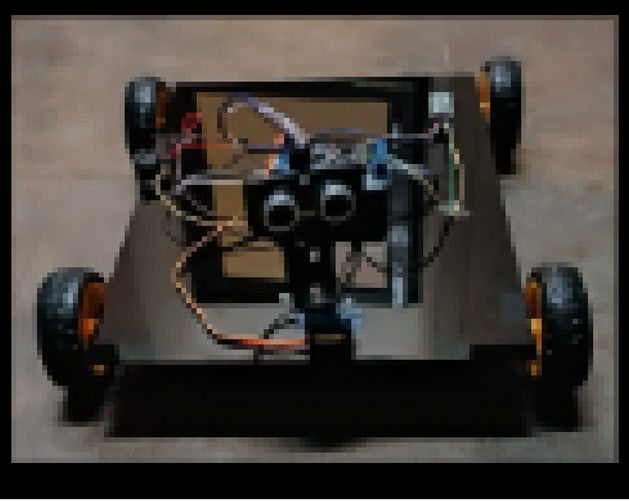
ABSTARCT

- Presents a voice-controlled robot for human-robot interaction.
- Equipped with natural language processing for versatile applications.
- Demonstrated responsiveness to voice commands.
- Potential for home automation, mobility assistance, and impaired peoples
- Enhances human-robot communication and automation.

PROBLEM STATEMENT

- Many individuals with disabilities face significant challenges in performing daily tasks independently due to mobility.
- There is a pressing need for an accessible and user-friendly voice-controlled robot that can assist these individuals in various aspects of their daily lives, such as mobility, communication, and task execution.
- This project aims to develop a reliable, affordable, and adaptable voice-controlled robot solution to address these specific needs and improve the quality of life for people with disabilities.

PROJECT OUTPUT:



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