

REVIEWER'S REPORT

Manuscript No.:IJAR-51671

Date: 05/17/2025

Title:

A Study on The Development Of A Robot Chassis For Mini Project In Embedded Robotics (DEC50122)

Recommendation:

Accept as it is

Accept after minor revision.....Yes.....

Accept after major revision

Do not accept (*Reasons below*)

Rating	Excel.	Good	Fair	Poor
Originality			-	
Techn. Quality			-	
Clarity			-	
Significance				-

Reviewer Name: Saikat Banerjee, PhD

Date: 05/17/2025

Reviewer's Comment for Publication.

(To be published with the manuscript in the journal)

The reviewer is requested to provide a brief comment (3-4 lines) highlighting the significance, strengths, or key insights of the manuscript. This comment will be Displayed in the journal publication alongside with the reviewers name.

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The study clearly aims to compare aluminum and acrylic for a robot chassis in an academic embedded robotics context.

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Includes good data driven comparison to validity the work. Better bar and graphs to showcase the advantages of the study.

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Detailed Reviewer's Report

Overall the paper has a novel approach for academics level research. The paper presents study based on user participation. The data was well presented and analyzed. It needs overall better grammar and formatting to make a better case for the publication. Minor revisions are needed.

Remarks for the author:

- The chassis was evaluated well using load testing, terrain adaptability, speed and battery life which are relevant for mobile robotics.*
- Formatting needed all throughout the paper*
- Fix grammatical errors and awkward phrases*
- Literature review is good but a concluding summary paragraphs needed.*
- References needs numberings and needs to be linked onto the paper throughout.*

Overall, paper has good qualities of innovation but needs work to make a capable read with more details and much better formatting.