

Manuscript: **“The Use of STEM Approaches To Improve Formula Derivation Steps in Material Science and Engineering Programmes at Higher Education Institutions”**

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The ABSTRACT clearly presents objects, methods, and results.

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The abstract provides a very good summary of the main elements of the paper.

There are a few grammatical errors and spelling mistakes in this article.

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Refer to Specific Comments in the attached document.

The study METHODS are explained clearly.

*

(Please insert your comments)

While the study methodology has been very well explained, analysis of students' feedback in Section 3 can be enhanced as recommended; (see attachment for Reviewer Feedback0

The body of the paper is clear and does not contain errors.

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The paper is coherent,

The CONCLUSION or summary is accurate and supported by the content.

*

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The concluding remarks are consistent with the overall content of the paper.

The list of REFERENCES is comprehensive and appropriate.

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- 5

Please rate the *REFERENCES* of this paper.

[Poor] **1-5** [Excellent]

*

- 1

- 2

- 3

- 4

- 5

Overall Recommendation!!!

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- Accepted, no revision needed
- Accepted, minor revision needed
- Return for major revision and resubmission
- Reject

Comments and Suggestions to the Author(s):

This is a very well conceptualised paper that seeks to highlight the importance of mathematics in Engineering education. The paper and its engagement with relevant literature also provides very good insight into STEM pedagogy and scholarship. I recommend publication of the paper after the following minor suggestions have been considered to help further improve on the overall quality of the paper.

