

Review of: "Empowering Women in Mathematics: Shaping a New STEM Paradigm for 2047"

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Potential competing interests: No potential competing interests to declare.

The manuscript "Empowering Women in Mathematics: Shaping a New STEM Paradigm for 2047" by Misra and David is relevant and brings an important topic for discussion. In order to contribute to the quality of their work, I would like to make some suggestions, listed below.

I believe that it would be interesting if the authors could provide more data and examples for India. For example, is it possible to know what fraction of all research projects that receive grants from funding agencies in India are led by women? Also, I think that the current section "Future Scope" could be presented before "Conclusions" and be named something like "Recommendations for Future Initiatives in India".

A second aspect that I believe could be improved is the proposed "Case Study Problem" on the modelling of the Lady Beetle population dynamics. It seems that this part of the text is not essential to the current manuscript and could perhaps be removed. I think that if the authors concentrate on the aspects of women's achievements in Mathematics and other STEM fields based on their "Literature Review", they will have great material for analysis and discussion, as is already presented in the text.

Finally, as a minor comment, I would like to suggest that the authors produce a more concise "Abstract".