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| Journal Name: | [**South Asian Journal of Social Studies and Economics**](https://journalsajsse.com/index.php/SAJSSE) |
| Manuscript Number: | **Ms\_SAJSSE\_136945** |
| Title of the Manuscript: | **Competency-based Framework for Cultivating Innovation Capabilities of Mechanical Graduate Students: One Core, Two Centers, and Five Capabilities** |
| Type of the Article | **Short Research Article** |

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| PART 1: Comments | | | | |
|  | Reviewer’s comment **Artificial Intelligence (AI) generated or assisted review comments are strictly prohibited during peer review.** | | | **Author’s Feedback** (It is mandatory that authors should write his/her feedback here) |
| **Please write a few sentences regarding the importance of this manuscript for the scientific community. A minimum of 3-4 sentences may be required for this part.** | **This manuscript discoursed critical gaps in fostering postgraduate professional of mechanical engineering studies under China’s "Manufacturing Power" strategy. It proposed a new approach: The "One Core, Two Centers, Five Capabilities" model which emphasized hands-on learning with strong partnerships between universities and enterprises that urgently needed in engineering education globally. The integration of moral education, dual mentorship, and competency-based training offered insights for policymakers and educators align to academic training with industrial in real-world practice. Furthermore, the model's proposed closed-loop evaluation and progressive skill development contributes methodological rigor, making it a benchmark for interdisciplinary educational reform.** | | | Thank you very much for your insightful comments on our manuscript. We are delighted that you have recognized its significance in addressing critical gaps in fostering postgraduate professionals of mechanical engineering studies under China’s "Manufacturing Power" strategy. Your positive evaluation of the proposed "One Core, Two Centers, Five Capabilities" model, which emphasizes hands - on learning and university - enterprise partnerships, has greatly encouraged us. We also appreciate your highlighting of the integration of moral education, dual mentorship, and competency - based training, as well as the model’s closed - loop evaluation and progressive skill development. These aspects are indeed crucial for offering insights to policymakers and educators and driving interdisciplinary educational reform. We are confident that our work can contribute positively to the field and are very grateful for your support. |
| **Is the title of the article suitable?**  **(If not please suggest an alternative title)** | **Yes.** | | | Thank you very much for your positive feedback regarding the title of our manuscript. We are pleased to hear that it aligns well with the content and purpose of our study. Your approval encourages us to move forward with confidence. We value your opinion and will continue to ensure that our work is accurately represented and effectively communicated. |
| Is the abstract of the article comprehensive? Do you suggest the addition (or deletion) of some points in this section? Please write your suggestions here. | **I suggest state the research gap – lack of holistic training models. Adding an empirical data or pilot-testing results if available would strengthen its impact.** | | | Thank you for your valuable suggestions regarding the abstract of our manuscript. We appreciate your insight about stating the research gap concerning the lack of holistic training models in the field. We are currently in the process of collecting relevant data and aim to include empirical findings or pilot-testing results in our future work to enhance the robustness of our study.However, at this stage, we are unable to incorporate these elements due to the ongoing nature of our research. We will certainly keep your feedback in mind as we continue to develop this work. We are committed to improving our research and ensuring that it contributes meaningfully to the academic community.Thank you again for your understanding and support. |
| Is the manuscript scientifically, correct? Please write here. | **The manuscript, yes scientifically correct, which grounding the model aligned with constructivist learning theory and the competency-based education.** | | | Thank you for your positive feedback on the scientific correctness of our manuscript. We are pleased that you acknowledge the alignment of our model with constructivist learning theory and competency-based education. We will continue to ensure the scientific rigor of our work as we proceed. |
| **Are the references sufficient and recent? If you have suggestions of additional references, please mention them in the review form.** | **References are relevant and were overall focused on domestic (China) studies. May incorporating some International writing such as: Germany’s dual education system, or U.S. industry and academic collaborations and partnerships to widen perspective.** | | | Thank you for your helpful feedback on the references of our manuscript. We value your suggestion to incorporate international literature such as Germany’s dual education system and U.S. industry-academia collaborations. We are currently in the process of expanding our literature review to include these global perspectives, which will enhance the comprehensiveness of our work. We will carefully consider and integrate these references in the revised version of our manuscript.Thank you for your guidance and support. |
| Is the language/English quality of the article suitable for scholarly communications? | **Yes.** | | | **Thank you for acknowledging the suitability of the language/English quality in our manuscript for scholarly communication. We are pleased to hear that the language meets the required standards and will continue to ensure clarity and precision in our writing.** |
| Optional/General comments | **Overall, good!** | | | **Thank you for your positive evaluation of our manuscript. We sincerely appreciate your confirmation that the core content and structure of our work remain sound. Your constructive feedback throughout the review process has been invaluable in helping us refine this research to meet high academic standards. We are grateful for your professional insights that have significantly contributed to strengthening our work.** |
| **PART 2:** | | | | | | |
|  | | | **Reviewer’s comment** | **Author’s Feedback** (It is mandatory that authors should write his/her feedback here) | | |
| **Are there ethical issues in this manuscript?** | | | *(If yes, Kindly please write down the ethical issues here in details)* |  | | |