

Review of: "Beyond Traditional Teaching: The Potential of Large Language Models and Chatbots in Graduate Engineering Education"

Lele Sha¹

¹ Monash University

Potential competing interests: No potential competing interests to declare.

The paper provided a detailed overview of LLM development in relation to practical adoption in education, which is illustrated using an engineering education course. While I appreciate the practical demonstration of how LLM could be embedded within formal education with its various use cases, the paper in general lacks depth and research insights, much of the findings are somewhat known by prior computing education researches since the codex era. To a large extent, many critical educational issues are not tackled sufficiently, for example, how exactly does the instructional content produced compare to traditional instructions? and when the LLM is fully embedded in the course, what obstacles / issues needs to be tackled, particularly in relation to personalised learning, do author see the effectiveness of the instructions being equal among the novices and the intermediate learners? In sum, the novel research contribution needs to be significantly highlighted.