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Practical teaching methods for enhanced interest in teaching and learning Physics for undergraduate university students

Challenges in the teaching and learning of physics existed as far as education existed worldwide. Lecturers and facilitators continually seek various approaches that could yield desirable results. However, the learning gains have mostly been disappointing, and physics is labelled as a difficult subject for the chosen few. That idea encouraged instructors to accept physics failure rates as normal. Whilst other efforts and approaches, which include extra classes and winter schools, are continually used, departing from the belief that physics is for the chosen has proven to be a challenge. In this work, we explore how teaching and learning can be enhanced using some 'easy-to-adopt approaches'that can potentially give desired results. The concept identification of prior learning of learners'understanding of the concepts, how to use social constructivism teaching strategies, and evaluating the effectiveness of these teaching and learning strategies will be presented.

Apply for student award at which level:

None

Consent on use of personal information: Abstract Submission

Yes, I ACCEPT

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