

Tertiary students' learning practices using information and communication technology to promote higher-order thinking skills

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The National Education Blueprint (2013-2025) is grounded based on high-performing systems which promote a transformation of the Malaysian education system in line with the vision of Malaysia's National Philosophy in achieving educational outcomes which are of world class status. Information and Communication Technology (ICT) impacts on the efficiency of promoting higher-order thinking skills (HOTs) as it encourages sharing, interactivity, and collaboration of people with a clear education purpose to meet. Now the important question, how is this integration working out for Malaysian university students and educators? Therefore, this exploratory study is vital in gaining deeper insights into the current teaching and learning practices used by both university teachers and students, the types of ICT used in their classes, their views on the integration of these skills into the curriculum and also the application methods of teaching and learning using ICT to promote HOTs. Data were collected using a purposive sampling where 199 participants were selected to take part in the study. These respondents were a group of undergraduate students who undertook English major degree courses in a public university in Malaysia. The implications of this study suggest several important insights on the potential opportunities of technologies in facilitating higher order thinking but success relies on the tasks being appropriately designed. The findings of this study contributes a significant amount of information to the statistics of teaching and learning in higher education especially in using ICT to promote HOTs.