

SYMPAB - (16653) - INQUIRY BASED LEARNING TO ENHANCE PHYSICS EDUCATION

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Short Abstract

Inquiry-based Learning (IBL) is an active learning method in which students learn through a scientific approach used by researchers in science studies and reflected in the IBL cycle. Despite decades of dissemination the IBL method, it is still not very representative during the science lessons, because, among others, teachers are not particularly convinced of its effectiveness and feasibility of using it in a school time- and-space regimen. In order to encourage teachers to implement the IBL method, the Three Dimensions of Inquiry in Physics Education (3DIPhE) project proposed a new strategy for IBL workshops for teachers developing their IBL teaching skills and giving teachers a deep insight into the spirit of the method.