

Investigation of Students' Moral Reasoning in Learning Physics Laboratory

Thursday 21 May 2015 08:00 (3 hours)

This study aimed to investigate moral reasoning of the first year students in physics laboratory. An instrument used in this study was 10 open-end questions. Each question corresponded to different aspects of moral reasoning such as integrity, diligence, discipline etc. The questions were given to 10 experience physics teachers and 100 first-year engineering students taking physics laboratory. Students took twenty minutes to finish the questionnaire. Teachers and students responses were rated into three levels including high, medium and low level of moral reasoning. As a result, students had lower level of moral reasoning when compared with teachers. Most student responses were rated to be at medium to low level on questions about integrity, discipline, harmony and morality.

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Session Classification: Poster-2

Track Classification: Physics Education