



## Abstract

The objectives of this study were to investigate attitude and behavior of students in King Mongkut's Institute of Technology Ladkrabang (KMUTL) in participating in solid waste management. The questionnaire was employed to collect data. Stratified random sampling method was used and the number of each faculty in each stratum was allocated by proportion. 465 questionnaires were returned and used in analysis part. The results revealed that 63.9 percent of the respondents were female and only 32.5 percent have received campaign in separation the solid waste properly from KMUTL. 13.1 percent of samples had separated garbage before disposal every time and the rest had never done it or only sometimes. The main reason was there were no separating dustbins for disposal provided. In overall, the respondents had high opinion level in the solid waste management but the participation was in the middle level. Besides, the results of hypotheses testing showed that there was statistical difference between faculty of respondents and attitude in solid waste management at 0.01 level. However, there were no statistical difference between sex and attitude as well as between sex and faculty with their behaviors.

**Keywords:** Solid Waste Management; Attitude; Behavior; Students