

RESEARCH TITLE **The Study and Development of Robot to Support Bomb Squad**
RESEARCH GROUP **Innovation in Physics and Intellectual Properties Research Unit (IP)²**
 Department of Physics, Faculty of Science, Prince of Songkla University
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ABSTRACT

This research is to develop the robot in order to use for lifting tires using in retrieving bombs. As the robot is made from aluminum, it has both strength and light weight. It has an arm for lifting a tire. The robot is controlled, selectably, by wireless or wired remote control. It also equips with wireless cameras in order to monitor the surrounding. This robot is able to lift tires that range from 50 to 70 cm. and could stack up to three tires (approximately 60 cm.)

Keywords : Robot, Bomb