

Project Report Title	The Construction of Demonstration set of Water Level Control by Fuzzy Controller using LabVIEW Program
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Abstract

The special project aimed to construct the demonstration set of water level control via fuzzy Algorithms. This demonstration set is design for curriculum of Bachelor degree in teacher training in Mechanical Engineering Program in Mechatronics Engineering. The demonstration set was consists of hardware and software. The function of hardware is receive command signal from LabVIEW software and then use this signal to drive DC. Motor pump via Microcontroller. In addition, the opinions from questionnaires answers by the five experts who examined and evaluated control system.

The result of the project reveals that the developed demonstration set average 3.54 from 5 validity which is meaning good.