Implementation of Logistics Management by Virtual Instruments and RFID Techniques Teaching Aids and Materials for Evaluating

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Abstract

In this reseach, use the virtual instrument to practice logistics management was designed and constructed. Also, a teaching activity is performed. The differences between the RFID logistics management and the bar code logistics management were more convenient read function and easily understandable human-machine interface. The major works of the research were: 1. The development of the virtual human machine interface. 2. The integration of system structure. 3. The experiment coruse designing. 4. Affective test. In this reseach, the core of virtual oscilloscope was computer, using RFID system to connect with LabVIEW system. It will save the cost and slove the problems of update repairs. Base on the developed teaching materials and references to design the affective sensitivity scale and also analyzing by item analysis, reliability analysis and content validity, the affective sensitivity scale is built. Moreover, after performing teaching activity, the scale is used to evaluate the affective sensitivity of participatory.

Key words: RFID; LabVIEW; Logistics Management