

**Research Title** : Factors Affecting Success in the Dual vocational education Management System of the Udonthani College of Agriculture and Technology

**Researcher's name** : Mrs. Duangporn Sripako

**Name of College** : Udonthani College of Agriculture and Technology Research

**Academic Year** : 2020

### Abstract

This research aims to study the factors affecting the success of the Dual vocational education system and to study the recommendations and guidelines for the development of factors affecting the success of the Dual vocational education system of the Udonthani College of Agriculture and Technology by focusing on 7 factors which are Comprising curricular factors, Teaching and learning management according to the Dual vocational education management policy, Factors in the dual vocational education management process on students and parents, Factors related to teachers and trainers in the workplace, Educational factors of establishment, and monitoring factors. According to respondent status research population are personnel of Udonthani College of Agriculture and Technology, Academic Year 2020 totaling 144 people. It was obtained by determining the sample size according to the Krejcie and Morgan tables and doing a simple random sampling. A total of 124 samples were obtained. It consists of 3 administrators of the school, 47 teachers and trainers in the workplace, 19 managers, entrepreneurs, and heads of departments, and 55 learners. The data collection tool was a five-level estimation scale questionnaire. The statistics used for data analysis were percentage, arithmetic mean, and standard deviation.

1. Factors affecting success in dual vocational education management system of Udonthani College of Agriculture and Technology. The research overview was found at the highest level ( $\bar{X}=4.24$ , S.D. = 0.33). When considering each factor, it was found that 3 factors were at the highest level, 4 factors were at the high level, arranged in order of average from highest to lowest as follows. The educational factors at the high level ( $\bar{X}=4.59$ , S.D. = 0.33). students and parents factors at the high level ( $\bar{X}=4.58$ , S.D. = 0.35). Monitoring factors ( $\bar{X}=4.52$ , S.D. = 0.37). Factors of the dual vocational education management process ( $\bar{X}=4.29$ , S.D. = 0.47). Factors of

establishment ( $\bar{X}=4.18$ , S.D. = 0.49). Factors related to teachers and trainers in the workplace ( $\bar{X}=3.97$ , S.D. = 0.59). Factors related to curriculum and teaching and learning in accordance with the dual vocational education management policy ( $\bar{X}=3.95$ , S.D. = 0.57)

2. Recommendations for the development of factors affecting success in the management of the dual vocational education system of the Udonthani College of Agriculture and Technology.

2.1 Curriculum and instructional factors according to the bilateral vocational education management policy educational institutions and enterprises must have activities to develop bilateral courses for the demand of enterprises and be in line with modern agricultural technology. Jointly formulate a clear study plan and vocational training plan consistent with the working conditions in the workplace.

2.2 Factors relating to the dual vocational education management process, educational institutions and enterprises should be promote and conduct understanding among personnel within the organization regarding the Dual vocational education management process.

2.3 Factors relating to students and parents of educational institutions and establishments must have cooperation to create incentives to increase the number of learners in the bilateral system.

2.4 Factors related to teachers and trainers in educational establishments and workplaces must be encouraged teachers and teachers in the workplace to develop more professional skills.

2.5 Factors relating to educational institutions. The educational institutions must organize activities and training programs to build knowledge and understanding in dual vocational education management with relevant stakeholders.

2.6 Factors relating to the establishment of an establishment should provide welfare to learners in vocational training in the workplace as if they were employees of the establishment.

2.7 Factors in supervision of educational institutions should provide a clear supervision schedule for the establishments to acknowledge in advance.