

## Leadership Effectiveness, Work Culture, Self Development, and Work Ethic Towards Task Commitment

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This study examined whether or not university teachers' perceived task commitment was to some extent correlated to leadership effectiveness, work culture, self-development, and work ethic. It was prompted by apparent low level of task commitment among university teachers in a certain public university in Indonesia. A self-constructed questionnaire was used to gather qualitative data from 80 participants who were randomly and proportionally selected from a population of teachers at Faculty of Economics at a certain public university in Indonesia. Multiple regression analysis was employed and path coefficients were used to determine the extent to which each independent variable significantly affected dependent variable. The results showed that variable leadership effectiveness was significantly correlated to variables work culture and self-development; both leadership effectiveness and work culture was simultaneously and significantly correlated to self-development. Self-development significantly affected work ethic and only work ethic had significant and direct effect on task commitment. The leadership of the university should take initiative change in their leadership effectiveness and work culture that in turn prompts improvement in the task commitment.

**Keywords:** task commitment, leadership effectiveness, work culture, self-development, work ethic.

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### Memprediksi Harga Bawang Merah Menggunakan Sistem Sas 9.1.3. Portable (statistical Analysis System)

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This paper describes how to predict the price of onions using SAS (Statistical Analysis System). This data is intended to minimize the rise in onion prices in markets that are too high, which can cause red onion scarcity, rising prices of complementary goods, and Indonesian economy is unstable. The result is obtained that (1) the onion price rise can be seen or predicted by using the exponential smoothing method (2) increase in onion prices can be predicted

**Keywords:** prediction of rising prices red onions, system SAS (statistical analysis system), Exponential Smoothing Methods

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### Varies Shuttle Run Methods Increase Agility and Speed Of 100 Meter Run

MOUDY SARAPUNG

Athletics involve more or less competed 30 numbers, one of which is 100-meter run. Agility is an important factor in sports which are collectively done and in some sports which are individually done. An accurate exercise method which takes the risk of physical organ damage is highly needed in particular sports. The data obtained from the time spent, the agility and the speed of 100 meter run before and after treatment was given were analyzed and tested using one-way anova and post hoc test in which LSD of a 5% significance was used. The results of BNT test showed that there was a difference with regard to agility after the exercise of shut run. The novelty was that the exercise of agility had only been applied to the sports collectively done such as football, volleyball, and basketball. In this study it was found that the shuttle run could contribute to the agility and speed of the 100 m run. In addition, it was found that the shuttle run with the measurement of 16x7.5 m turned out to contribute to the highest increase of 100 m run.

**Keywords:** Exercise of shuttle run, agility, speed of 100 m run.