

##C341734 : MAJOR PHYSICAL EDUCATION

KEY WORD: INTRINSIC MOTIVATION / EXTRINSIC MOTIVATION / ATHLETE /  
UNIVERSITY

PEERAJET REWTHONG: A STUDY OF ATHLETES' MOTIVATION PARTICIPATED IN  
THE TWENTIETH FIRST UNIVERSITY GAMES OF THAILAND, B.E.2536.

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ISBN 974-584-525-6

The purposes of this research were to study and to compare the motivation of individual and team sports athletes in the Twentieth First University Games of Thailand, B.E.2536 and to compare the motivation of successful individual and team sports athletes in this competition.

Samples were 800 athletes divided into 400 individual sports athletes and 400 team sports athletes and 256 successful athletes were selected from these groups. The Weiss's Intrinsic/Extrinsic Motivation Scale was administered as the instrument of this research which had been translated into Thai, with 0.73 alpha-coefficient reliability. The collected data were analyzed in terms of percentages, arithmetic means, standard deviations and t-test.

It was found that:

1. Both individual sports and team sports athletes had higher intrinsic motivation than extrinsic motivation.
2. Motivation of individual sports and team sports athletes had not been significantly different at the .05 level.
3. The successful athletes both individual sports and team sports athletes, had higher intrinsic motivation than extrinsic motivation.
4. Motivation of successful athletes, both individual sports and team sports athletes, had not been significantly different at the .05 level.