

## Comparative Study on Level of Achievement among Karnataka and Andhra Pradesh South Zone Inter University Volleyball Male Players

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### Abstract

The study was conducted to investigate the level of achievement difference between Karnataka and Andhra Pradesh South Zone Inter University volleyball Male players. For the present study 50 Karnataka and 50 Andhra Pradesh volleyball players were selected who participated at South Zone Inter University volleyball tournament in the year 2016-2017. The sample of this study was selected through Purposive Random sampling technique. . Level of Achievement of individual players was determined by a point awarding system designed by the researcher, the level of achievement was assessed as per the performance of their team in the competition. There is no significance difference between Karnataka and Andhra Pradesh South Zone Inter University volleyball Male players at 0.05 level of significance.

**KEYWORDS:** Level of Achievement, volleyball.

### 1. INTRODUCTION

One of the sports that have become most popular on the planet is Volleyball. Worldwide 800 million people participating and playing the game at least once a week (Kenny & Gregory, 2006). Volleyball players require well-developed muscular strength, power and endurance, speed, agility, and flexibility, and have a high level of jumping ability, fast reaction time and swift movements (She, 1999). Usually, in volleyball, teams are judged based on their ability to win matches (Luhtanen et al., 2001). Reasons for the successful or unsuccessful outcome of the match depend upon a number of factors (Marcelino et al., 2005).

Previous studies revealed that the socio-economic status make-up of an individual Influences habitual physical activity and plays an important role in their achievements in every field of life, including performance in sports (Donnelly & Harvey, 2008).

Level of Achievement is the manner in which sport participation is measured. ... On one level, the determination of sport performance in most sport disciplines is a simple matter. In those activities where the result is measurable and defined, such as a race, a jump, or an object to be thrown, the end result is quantifiable. Sport performance is the manner in which sport participation is measured. Sport performance is a complex mixture of biomechanical function, emotional factors, and training techniques. Performance in an athletic context has a popular connotation of representing the pursuit of excellence, where an athlete measures his or her performance as a progression toward excellence or achievement. There is an understanding in sport that athletes interested in performance tend to the competitive or elite level; athletes interested in simple participation, for broader purposes such as fitness or weight control, are most often recreational athletes who do not set specific performance goals. On one level, the determination of sport performance in most sport disciplines is a simple matter. In those activities where the result is measurable and defined, such as a race, a jump, or an object to be thrown, the end result is quantifiable. In these sports, it is the quest for performance improvement that drives

the analysis of the individual components of performance. When an athlete and the coach can isolate areas on which to focus in training, the ultimate result is likely to be improved.

## 2. METHODOLOGY

The purpose of the study was to compare level of achievement between Karnataka and Andhra Pradesh men volleyball players. To achieve this purpose of the study, 100 men volleyball players (Karnataka 50, Andhra Pradesh 50) who competed at south zone inter-University competition during the academic year 2016-17 held at Mahatma Gandhi University, Kottayam, Kerala. Were selected for this study. Purposive random sampling technique was observed for the present investigation to give equal importance to University level volleyball players from the two selected South Indian states: Level of Achievement of individual players was determined by a point awarding system designed by the researcher, the level of achievement was assessed as per the performance of their team in the competition. To find out the difference between Karnataka and Andhra Pradesh volleyball players level of achievement parameters data is subjected to independent sample t-test.

## 3. FINDINGS:

The raw data collected Level of Achievement Karnataka and Andhra Pradesh south zone inter University volleyball Male players was statistically treated and the results are presented in following tables.

**Table 1.**

**Summary of 't' test on differences on level of achievement among Karnataka and Andhra Pradesh South Zone Inter University volleyball Male players.**

Variables	State of the player	N	(Mean± SD)	t	Df	Sig.(2-tailed)
Level of Achievement	Karnataka	50	4.68 ± 2.19	-1.243	98	.217
	Andhra Pradesh	50	5.20 ± 1.99			

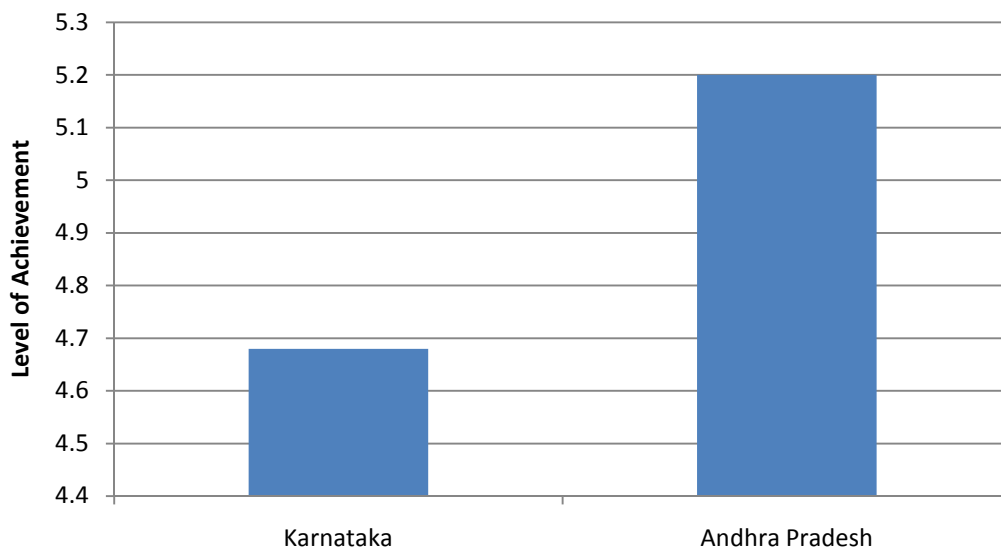
\*Significant level at 0.05 level

The table 1 shows that level of achievement, the mean and standard deviation of Karnataka has been found to 4.68 and 2.19 and Andhra Pradesh has been found to be 5.20 and 1.99 respectively. To find out level of achievement difference between two groups 't' test was applied. The t-test has been found to be -1.243 being insignificant at 0.05 levels. It indicates that there is no significant difference in the level of achievement between Karnataka and Andhra Pradesh. Karnataka is better than Andhra Pradesh. The above results are graphically illustrated in figure 1.

**Figure 1.**

**Graphical representation of mean Score Level of Achievement on Karnataka and Andhra Pradesh South Zone Inter University volleyball Male players.**

**Figur 1. Graphical illustration on Level of Achievement of south zone inter University male volleyball players**



#### 4. CONCLUSION

Based on the findings and discussion of the present study, it can be concluded that there was no significant difference in mean scores of level of achievement in south zone Inter-university level male volleyball players belonging to Karnataka and Andhra Pradesh.

#### 5. REFERENCE

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