

## Comparative Study on Level of Achievement among Kerala 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 Kerala and Andhra Pradesh South Zone Inter University volleyball Male players. For the present study 50 Kerala 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 significance difference between Kerala 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).

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. 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.

### 2. METHODOLOGY

The purpose of the study was to compare level of achievement between Kerala and Andhra Pradesh men volleyball players. To achieve this purpose of the study, 100 men volleyball players (Kerala 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 Kerala 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 Kerala 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 Kerala and Andhra Pradesh South Zone Inter University volleyball Male players.**

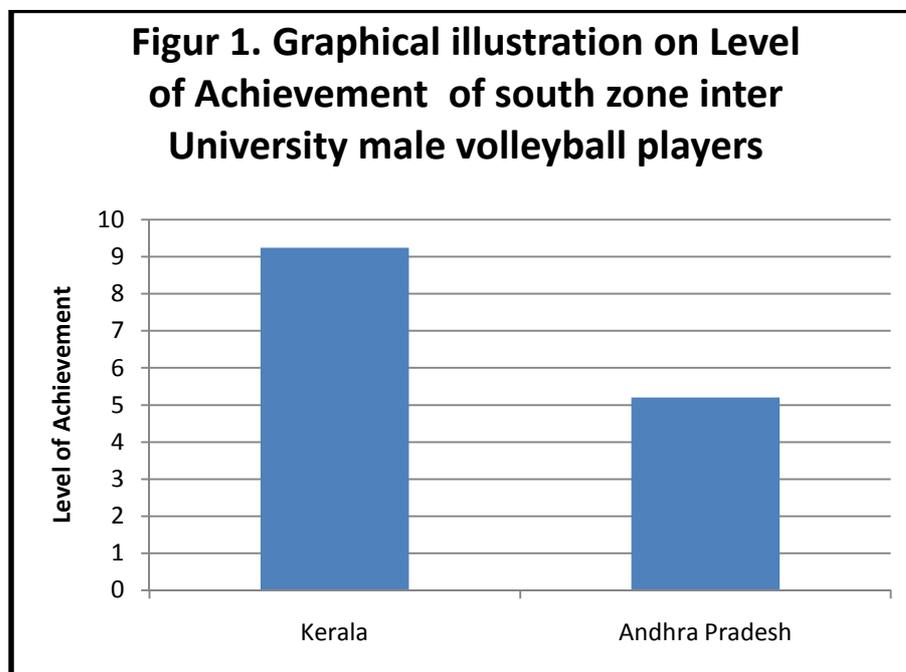
Variables	State of the player	N	(Mean± SD)	T	Df	Sig.(2-tailed)
Level of Achievement	Kerala	50	9.24 ± 6.19	4.394	98	.000
	Andhra Pradesh	50	5.20 ±1.99			

\*Significant level at 0.05 level

The table 1 shows that level of achievement, the mean and standard deviation of Kerala has been found to 9.24 and 6.19 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 4.394 being significant at 0.05 levels. It indicates that there is significant difference in the level of achievement between Kerala and Andhra Pradesh. Kerala 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 Kerala and Andhra Pradesh South Zone Inter University volleyball Male players.**



#### **4. CONCLUSION**

Based on the findings and discussion of the present study, it can be concluded that there was significant difference in mean scores of level of achievement in south zone Inter-university level male volleyball players belonging to Kerala and Andhra Pradesh; it has been found that the state of Kerala is better than Andhra Pradesh.

#### **5. REFERENCE**

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