

# COMPARATIVE ANALYSIS OF FACE PASSING SKILL PROFICIENCY OF VOLLEYBALL PLAYERS WITH DIFFERENT PLAY POSITION

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**Abstract:** The purpose of the study is to know the Face Passing Skill Proficiency among inter university Volleyball players with different play positions (Spikers, Setters and Allrounders). In order to achieve the aim of the study, 60 (sixty) inter university level male Volleyball players of different universities (Bangalore University, Karnataka University, Kuvempu University, Mangalore University and Tumkur University) were selected as the subjects who were represented at South Zone Volleyball Tournament. Twelve players from each university were selected and their age of the subjects were ranged from 18-25 years. The Face Passing Skill Proficiency was treated as dependent variable and it was assessed by administering Helmen Overhead Volley test measured in points. The play position of volleyball players was treated as independent variable. The play position likes spikers, setters and allrounders were considered for the present study. To find out the significant differences in the Face Passing Skill Proficiency among the groups, One-way analysis of variance was used. Further the Scheffe's Post Hoc test was used to find out the significant difference in the paired mean scores. The level of significance was fixed at 0.05 confidence level. The study concludes that there was a significant difference in the Face Passing Skill Proficiency of interuniversity Men Volleyball players with different play positions that is spikers, setters and allrounders ( $F=4.370$ ;  $P<0.017$ ). The allrounders had better skill proficiency in face passing than setters and spikers. As player skills improve, standards of playing will be increases.

**Index Terms-** Face Passing Skill Proficiency, Playing positions, Inter University Volleyball Players

## I. INTRODUCTION

Volleyball is a team diversion which has six players that play on either side of the net. A lot of guidelines choose the score that each team can make against the other team. The sport starts with a player from one team throwing the ball utilizing hand or arm over the net so the contrary team can get it on their court. So as to be effective, volleyball players need fast reflexes, remarkable hand eye coordination and the ability to jump high. With that being stated, volleyball players striving to rule their game and beat the challenge need to develop extraordinary strategy, which must be accomplished through diligent work and determination. Players should continually move themselves and their muscles to develop and keep up the body strength that is required to powerhouse off the floor with momentum and control. With higher jumps comes more noteworthy airtime, giving volley players a more prominent chance to accomplish unstoppable hitting power for a block that can't be wasted. Swift transitions and controlled movement are likewise crucial skills a volleyball player must procure to skilfully block the ball. All together for volleyball players to accomplish ideal hitting power and addition an edge on the court, drills to help advance their ability to block ought not be neglected. A team can assume control over a match with a good block much like a good server can with their serve.

Volleyball passing is the primary volleyball hit in the three-advance procedure. Volleyball passers are the players in the back row, prepared and ready with fast feet to push ahead, backward, or along the side around the court at all vital occasions. At the point when the volleyball is served deep, a volleyball passer can utilize their forearms to pass the ball with extraordinary planning and precision. In the event that the volleyball is served short, a first row player can pass the volleyball overhand. Regardless of which way a volleyball player passes the ball, the passer must keep up a decent athletic position that takes into consideration multi-directional movement. A passer should square up the hips, feet, knees, and shoulders so as to stay adjusted and in control to make an extraordinary pass. Pass and Spike are most influential skill to predict team success of volleyball game. Cox (1973). Spike, Pass and block significantly related to winning. Santos (1992) Having solid passing skills is pivotal for the round of volleyball. Most would agree that the accomplishment of a volleyball team depends a ton on passing. It's important that a good

pass prompts effective getting and serving the ball amid the diversion. Clearly, good passing is a vital aspect for finishing an effective hit in the game of volleyball.

A volleyball overhead pass is the point at which a player passes the volleyball over their head. Volleyball setters utilize the overhead pass for the second hit. On the main hit volleyball players for the most part utilize the forearm pass at whatever point conceivable however on the off chance that the volleyball is served short, a first row player may need to utilize an overhead pass to keep the volleyball in play. To pass overhead, volleyball players remain with their feet shoulders width separated, feet staggered, and their knees bent. It is imperative to make sure to square the body, particularly the shoulders, up with where the pass is expected to go, utilizing the lower body strength to exchange through the core and out through the arms. Subsequently, the present examination planned to realize the face passing skill proficiency among volleyball players with various play position at university level.

## II. STATEMENT OF THE PROBLEM

The purpose of the study is to know the Face Passing Skill Proficiency among inter university Volleyball players with different play positions (Spikers, Setters and Allrounders). The topic selected for the study is “**COMPARATIVE ANALYSIS OF FACE PASSING SKILL PROFICIENCY OF VOLLEYBALL PLAYERS WITH DIFFERENT PLAY POSITION**”

## III. HYPOTHESIS

It is hypothesized that there was no significant difference in the Face Passing Skill Proficiency of Volleyball Players with different play positions (Spikers, Setters and Allrounders).

## IV. METHODOLOGY

**4.1 Method:** Descriptive Survey Method was followed

**4.2 Selection of Sample:** In order to achieve the aim of the study, 60 (sixty) inter university level male Volleyball players of different universities (Bangalore University, Karnataka University, Kuvempu University, Mangalore University and Tumkur University) were selected as the subjects who were represented at South Zone Volleyball Tournament. Twelve players from each university were selected and their age of the subjects were ranged from 18-25 years.

**4.3 Selection of Variables:** The Face Passing Skill Proficiency was treated as dependent variable and it was assessed by administering Helmen Overhead Volley test measured in points. The play position of volleyball players was treated as independent variable. The play position likes spikers, setters and allrounders were considered for the present study.

**4.5 Statistical Procedure:** To find out the significant differences in the Face Passing Skill Proficiency among the groups, One-way analysis of variance was used. Further the Scheffe's Post Hoc test was used to find out the significant difference in the paired mean scores. The level of significance was fixed at 0.05 confidence level.

## V. RESULTS AND DISCUSSION

The One-way ANOVA (F test) results on Face Passing Skill Proficiency scores of Volleyball men players with different play positions. (Spikers, Setters and Allrounders)

**Table-1:** One-Way ANOVA Analysis on Face Passing Skill Proficiency scores of inter university men Volleyball players with different play positions (Spikers, Setters and Allrounders).

Groups	Sum of Squares	df	Mean Squares	F Value	Level of Sig.
Between Groups	116.633	2	58.317	4.370 (P=0.017)	Significant at 0.05 level
Within Groups	760.700	57	13.346		
Total	877.333	59			

Table value at 0.05(df-2, 57); 3.15.

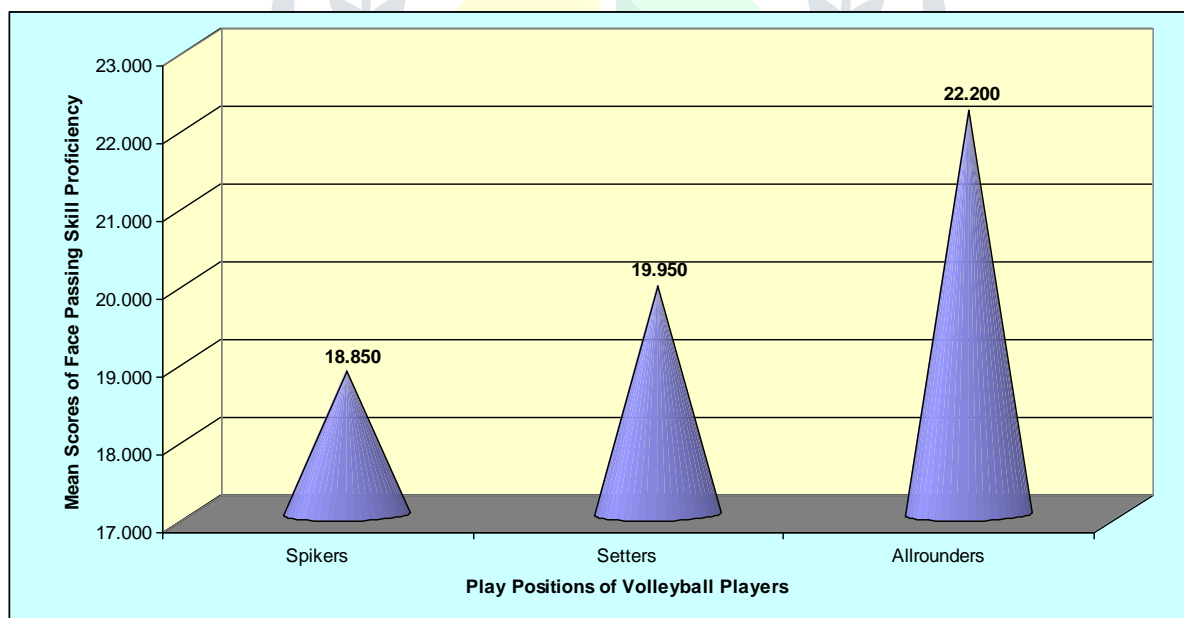
The table-1 shows that the obtained ‘F’ value 4.370 for Face Passing Skill Proficiency of inter university men volleyball players is greater than the table value of 3.15 for df ‘2 and 57’ required for the significance at 0.05 level of confidence. Hence, the stated hypothesis was **rejected** and an alternate hypothesis has been accepted that “there was a significant difference in the Face Passing Skill Proficiency of interuniversity men Volleyball players with different play positions.” To determine the significant difference in the Face Passing Skill Proficiency among these paired means, the ‘Scheffe’s test was applied as the Post hoc analysis and the results were presented in Table-2.

**Table-2:** Scheffe’s Post Hoc Analysis on Face Passing Skill Proficiency of inter university men Volleyball players with different play positions (Spikers, Setters, Allrounders)

Play Positions of Volleyball Players			Mean Difference
Spikers	Setters	Allrounders	
18.850	19.950	-	1.100
-	19.950	22.200	2.250
18.850	-	22.200	3.350*

\*Significant at 0.05 level

The above table presents significant paired mean differences on the Face Passing Skill Proficiency between spikers & allrounders and the value is 3.350 which is greater than the critical difference value at 0.05 level of confidence. It was concluded that there was a significant difference in the Face Passing Skill Proficiency between spikers & allrounders and no difference exists in the face passing ability between the spikers & setters and setters & allrounders. The allrounders are having better face passing ability than setters and spikers. The following Bar graph shows the comparison of mean scores of the Face Passing Skill Proficiency of the inter university Volleyball players with different play positions.



**Fig.1:** Comparison of mean scores of Face Passing Skill Proficiency of inter university men Volleyball players with different play positions.

**VI. CONCLUSION**

The study concludes that there was a significant difference in the Face Passing Skill Proficiency of interuniversity Men Volleyball players with different play positions that is spikers, setters and allrounders. The allrounders had better skill proficiency in face passing than setters and spikers. As player skills improve, standards of playing will be increases. The basic volleyball

skill is passing and it is often thought of as the most important skill in volleyball. As skill improves, the player's performance will also increase. As a player learns, they will start to expect to be more successful. If player can't pass, then he won't be able to put his team in a position to score a point.

#### REFERENCES

- [1] Bucher A. Charles (1975). *Foundation of Physical Education*. Mosby, Edn 7.
- [2] Cox, R.H. (1975). The relationship between selected volleyball skills components and team performance of men's Northwest Double A Volleyball Teams. Dissertation, University of Oregon, United States.
- [3] Garret H.E. (1981). *Statistics in Psychology and Education*. Bombay: Feffer and Simons Ltd.
- [4] Koul, Lokesh. *Methodology of Educational Research*. Third revised Edition, Vikas Publishing Housing Pvt. Ltd.
- [5] Santos, J.A. (1992). Study of variations in performance of elite volleyball teams through information obtained by computerized statistical system. Unpublished Dissertation, University of Granada, Spain.

