



## Study of Sportsman's Spirit Level of Volleyball Players at Different Playing Position

*The purpose of the study was to compare the sportsman's spirit level of volleyball players at different playing position. The sample of Fifty (50) male Inter Collegiate Players were selected from Sant Gadge Baba Amravati University, Amravati Inter Collegiate Volley Ball (Men) Tournaments 2016-2017 held at Shri Shivaji Arts, Commerce & Science College, Akola, for the purpose of the study. Subjects were selected with purposive sampling methods 10 each from different playing position i.e. 10 outside hitter, 10 Middle Blocker, 10 Opposite, 10 setters and 10 libero. The age of the subjects were ranged between 20 to 28 years. To measure the sportsmen's spirit level researcher has selected 'Sportsman-Spirit Test' which was constructed by L. N. Dubey. Statistical analysis was done by computing one-way analysis of variance (ANOVA) at 0.05 level of significant. Result shows that there is significant difference between different playing positions of volleyball players because calculated value  $F$  is 53.955 which is much greater than  $tab F_{0.05}(2,57) = 2.58$ . Since the  $F$  ratio is found to be highly significant, the Least Significant Difference (LSD) Post hoc test is applied to assess the paired mean difference and it was clearly revealed that in only two comparisons of means of sportsman's spirit level i.e. 1.6 (outside hitter - middle blocker) and 1.4 (setter - libero) were found insignificant rest of all were found to be highly significant at 0.05 level of confidence. It is conclude that opposite hitter was found very low sportsman's spirit level followed by outside hitter and middle blocker as compared to setter and libero.*

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### **I**ntroduction :

Today's sporting culture, in particular the base of elite sport, places great importance on the idea of competition and winning and thus sportsmanship takes a back seat as a result. In most, if not all sports, sportsmen at the elite level make the standards on sportsmanship and no matter whether they like it or not, they are seen as leaders and role models in society.

Sportsmanship is an aspiration or ethos that a sport or activity will be enjoyed for its own sake, with proper consideration for fairness, ethics, respect, and a sense of fellowship with one's competitors. A "sore loser" refers to one who does not take defeat well, whereas a "good sport" means being a "good winner" as well as being a "good loser" (someone who shows courtesy towards another in a sports game).

Sportsmanship can be conceptualized as an enduring and relatively stable characteristic or disposition such that individuals differ in the way they are generally expected to behave in sport situations. In general, sportsmanship refers to virtues such as fairness, self-control, courage, and

persistence, and has been associated with interpersonal concepts of treating others and being treated fairly, maintaining self-control if dealing with others, and respect for both authority and opponents. Sportsmanship is also looked at as being the way one reacts to a sport/game/player.

### **The Spirit of Fun and Good Fellowship :**

First of all, the men who play this great game have fun playing it. The desire to win is not permitted to assume a position of such vast importance in the minds of the players that fun is replaced by grimness, relaxation by tension, and cordial friendships by bitter enmities. The players on opposing teams fraternize both before and after their matches.

### **The Spirit of Moral Conduct :**

Thus, we believe, perhaps the outstanding characteristic of volleyball today. When a player's finger barely touches the net, no official can possibly detect the foul. The player is faced with the necessity of making a moral choice between two diametrically opposed courses of action. Shall he conceal the foul or shall he admit it?

This is a stern test of moral fiber, for admission of

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the foul may lose a national championship. But so high is the level of human conduct in this sport that the hand goes up immediately, even though there is no rule requiring him to do so.

One of the traditions of the game, developing as it did in the Holyoke, Massachusetts, YMCA in 1895, is that of personal responsibility and integrity in calling fouls - even when the referee, umpire, or linesmen fail to see violations. From this standpoint it is truly a players' sport and incidents in the topflight national competitions are on record where players have called their own fouls, missed by the officials, at times when it meant the difference between winning or losing a game and the match.

All this is "the spirit of volleyball," a spirit of which we who have had some small part in its development may well be proud.

Volleyball was invented in the United States in 1895 by William G. Morgan at the Holyoke, Mass. Young Men's Christian Association (YMCA). In volleyball, there are six players on the court at one time and six players are reserved for each team. Usually three people are in the front row, and three are in the back row. Volleyball positions determine what your role is out on the court during a game. Each player has a specific job to do and each position works with the teammates to make the best play possible. Below find the role of each position defined, a list of things you should do if you're playing that position and a list of attributes you need in each spot.

**Outside Hitter :** Teams outside hitters are usually the primary attackers on the team. These hitters attack balls that are set to the left side of the court. Outside hitters may also be referred to as outside blockers.

**Middle Blocker :** A good middle can read the opponent's setter like a book and is quick enough to get from one end of the court to the other to block the ball. The middle also hits quick sets and keeps the other team's defense off balance. Learn the ins and outs of being a great middle blocker and a major key to your team's defense.

**Opposite :** The opposite plays opposite the setter on the right front and hits set behind and in front of the setter. The opposite is responsible for blocking the opponent's outside hitter, which means the person who plays opposite needs to be a solid blocker as well as a good hitter. The opposite is also needed to pass and set, so should have great ball handling skills.

**Setter :** The setter is the player on the volleyball team that sets the teams attackers. A setter position is similar to a quarterback in football or a point guard in basketball in the sense that the setter runs the team's offense. Some teams may choose to have multiple setters run the team offense.

**Libero :** The libero plays in the back row and has impeccable ball control. The libero needs to be a great passer and an even better digger. They are all over the court to keep the ball in the air for their team to create scoring chances.

Every individual posse's different sportsman spirit level, at different level i.e. international, national, varsity etc. likewise every individual may posse's different sportsman's spirit according to their different playing position's of a particular game. To see whether there is significant different or not the researcher has taken study as "Study of sportsman's spirit level of volleyball players at different playing position".

**Methodology :**

**Subjects :** Fifty (50) male Inter Collegiate Players were selected from Sant Gadge Baba Amravati University, Amravati Inter Collegiate Volley Ball (Men) Tournaments 2016-2017 held at Shri Shivaji Arts, Commerce & Science College, Akola, for the purpose of the study. Subjects were selected with purposive sampling methods 10 each from different playing position i.e. 10 outside hitter, 10 Middle Blocker, 10 Opposite, 10 setter and 10 libero. The age of the subjects were ranged between 20 to 28 years. Subjects did not use any ergogenic aids or supplementations and also they were all free from any injuries during the collection of data.

**Administration of test :**

To measure the sportsmen's spirit level researcher has selected 'Sportsman-Spirit Test' which was constructed by L. N. Dubey. There are 30 different situations in this test. Every situation has three alternative responses. The response indicates high sportsman-spirit should be awarded 2 marks, moderate 1 marks and the response indicating no sportsman's-spirit should awarded 0 marks. The test was distributed to the players and the same were collected back after having filled by the players.

**Analysis :**

Statistical analysis was done on the basis of ANOVA comparison of sportsman's spirit of volleyball players at different playing position. A one-way analysis of variance (ANOVA) was utilized in order to determine the difference if any, during the birth season. When the difference was found significance the LSD Post-hoc test was applied to assess the paired mean difference among the group.

**Table 1 : Comparison of Sportsman's Spirit level of Volleyball Players at Different Playing Positions**

Source	df	SS	MS	F
Treatments	4	2251.720	562.930	53.9550*
Error	45	469.500	10.433	
Total	49	2721.220		

\*Significant at 0.05 level

F<sub>0.05(4,45)</sub> = 2.58

Above table shows that there is significant difference between different playing positions of volleyball players because calculated value F is 53.955 which is much greater than tab F<sub>0.05(2,57)</sub> = 2.58. Since the F ratio is found to be highly significant, the Least Significant Difference (LSD) Post hoc test is applied to assess the paired mean difference among the group means which is shown on table no-2

From the above table it was clearly revealed that in

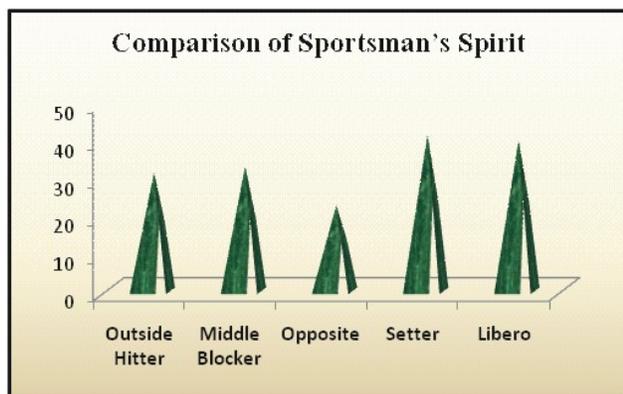
**Table 2 : Least Significant Difference (LSD) Post hoc test**

Outside Hitter	Middle Blocker	Opposite	Setter	Libero	MD	CD
31.1	32.7				1.6	3.72
31.1		22.3			8.8*	3.72
31.1			41		9.9*	3.72
31.1				39.6	8.5*	3.72
	32.7	22.3			10.4*	3.72
	32.7		41		8.3*	3.72
	32.7			39.6	6.9*	3.72
		22.3	41		18.7*	3.72
		22.3		39.6	17.3*	3.72
			41	39.6	1.4	3.72

\*Significant at 0.05 level

only two comparisons of means of sportsman's spirit level i.e. 1.6 (outside hitter - middle blocker) and 1.4 (setter - libero) were found insignificant rest of all were found to be highly significant at 0.05 level of confidence.

**Conclusions :**



**Graph : Means of Sportsman's Spirit Level of Volleyball Players at Different Playing Position**

It is conclude that the comparison of sportsman's spirit level of volleyball players at different playing position was found to be significant. Opposite hitter were found very low sportsman's spirit level followed by outside hitter and middle blocker it may be attributed that attackers (or spike, the slang term) usually make third contact with the ball. The object of attacking is to handle the ball so that it lands on the opponent's court and cannot be defended. A player makes a series of steps (the "approach"), jumps, and swings at the ball.

Ideally the contact with the ball is made at the apex of the hitter's jump. At the moment of contact, the hitter's arm is fully extended above his or her head and slightly forward, making the highest possible contact while maintaining the ability to deliver a powerful hit. The hitter uses arm swing, wrist snap, and a rapid forward contraction of the entire body to drive the ball. This puts an immense amount of mental strain on them and they were aggressive in nature as comparison to setter and libero.

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