

Indian Junior Volleyball Team Performance in Junior World Volleyball Championship in 2009

– A Technical Analysis –

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ABSTRACT

The present analysis has been done on the basis of Indian junior Volleyball team performance in Junior World Volleyball Championship (men) which was held in Pune (Ind.) from 31 July to 9 August, 2009. Data was collected from Volleyball Information System (VIS) during FIVB Junior World Volleyball Championship. It was the fifth occasion, in the history of Indian Volleyball, that their junior Volleyball team participated in Junior World Championship. In this championship Indian Volleyball team got 4th position after Brazil, Cuba and Argentina. This is the real time for the Volleyball Federation of India to start the next phase of training by learning from this championship. Indian team played total eight matches out of which they won four and lost four; played thirtytwo sets, won sixteen and lost sixteen sets too. Total points they won were 687 and lost 676. Out of 687 points Indian Volleyball Team won 374 points in attack; 79 points in block; 29 in service and 205 by an opponent's error; whereas, opponents won 392 points in attack; 96 in block; 24 in service and 164 by errors against India. As far as attack and block is concerned other countries were better than the Indian Volleyball team; whereas, Indian Volleyball team was better in service only. Indian Volleyball team gets 205 points by an opponent's error which was more than 164 points won by other countries against India. The technical analysis of Indian Junior Volleyball Team shows that Volleyball Federation of India has to plan for training on three points getting techniques i.e. attack, block and service.

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INTRODUCTION

The sport of Volleyball has continued to increase in popularity since its inception over one hundred years ago. Volleyball has become one of the most widely played participant sports in the world with over 200 million players (Aagaard et al, 1997; Briner & Kacmar, 1997). The number of participants rivals the number of Soccer participants (250 million) reported by the Federation Internationale de Football Association (Dvorak et al, 2000). Potential reasons for the popularity of Volleyball are that the sport requires a minimal amount of equipment, and individuals can participate throughout their lives at a variety of skill levels. Successful participation in the sport requires expertise in many physical skills and performance is often dependent on an individual's ability to propel themselves into the air during both offensive and defensive maneuvers. These movements include the jump serve, spike, and block (Tillman et al, 2004).

It was fifth occasion in the history of Indian Volleyball that its junior Volleyball team participated in Junior World Championship. First time, it was in 1981 at Colorado Spring and the position was 11th; 2nd time in 1994 at Joharbaru and the position was 9th; third time in 2003 at Teheran and the position was 9th. These were the

three world championships where team qualified on the basis of its performance in Asian Championship. The other two participations were being the host at Vishakhapatnam- 2005 and position of the team were 9th. Now, in this championship at Pune 2009, the position is impressive 4th after Brazil, Cuba and Argentina. A 4th position in Junior World Championship is a very good performance, and boosts the image of Volleyball in the country. Data was collected from Volleyball Information System (VIS), during Federation Internationale de Volleyball Junior World Volleyball Championship held at Pune (IND) from 31st July to 9th August, 2009.

Main objective of the study was the technical analysis of the performance of the Indian Junior Volleyball team, in the World Volleyball Championship.

METHODOLOGY

Data was collected from Volleyball Information System (VIS) during Federation Internationale de Volleyball Junior World Volleyball Championship held at Pune (IND), from 31st July to 9th August, 2009. Attack, Block, Service, and Opponent Error were selected as parameters for the present study. Indian team played eight matches in total; out of which, won four and lost four. In total, they played thirtytwo sets and won sixteen and lost sixteen sets.

RESULTS & DISCUSSION

Table-1 : Win and Loss by Indian Volleyball Team against other Countries.

M.No.	Against	Match	Set Won	Set Lost	Points Won	Points Lost
1	Tunisia	Won	03	00	75	39
2	Belarus	Lost	02	03	105	107
3	USA	Won	03	00	75	62
4	Russia	Won	03	02	121	117
5	Argentina	Lost	00	03	52	75
6	Belgium	Won	03	02	105	96
7	Brazil	Lost	02	03	97	105
8	Argentina	Lost	00	03	57	75
	Total	4 - 4	16	16	687	676

Indian Volleyball team played eight matches and sixteen sets. Out of eight matches, Indian Volleyball team won four matches, won sixteen sets; and also lost four matches and

sixteen sets, respectively. As for as the points are concerned, Indian Volleyball team won 687 points and lost 676 points, with their counterpart.

Table-2 : Performance of Indian Volleyball team against Tunisia.

	Tunisia	Set	India
Match-1	11	1	25
	15	2	25
	13	3	25
	27	Attack	34
	00	Block	10
	00	Service	06
	12	Opp. Error	25
Total	39		75

Indian Volleyball team played their first match with Tunisia and won this match by 3-0, with the set score of 25-11, 25-15 and 25-13, respectively. In this match Indian Volleyball Team won 75 points and lost 39 points. Out of 75 points, 34 points were won by attack; 10 by block; 6 by

service; and rest of 25 were won by opponent error. Whereas, Tunisia won 27 points by attack and 12 through opponent errors. The analysis shows that Indian Volleyball was better in attack, block and service; whereas, Tunisia lost 25 points by their own errors.

Table-3 : Performance of Indian Volleyball team against Belarus.

	Belarus	Set	India
Match-2	25	1	21
	22	2	25
	25	3	23
	20	4	25
	15	5	11
	65	Attack	44
	16	Block	12
	03	Service	05
	23	Opp. Error	44
Total	107		105

Indian team played second match with Belarus and lost this match by 2-3, with the set score of 21-25; 25-22; 23-25; 25-20 and 11-15. In this match, Indian Volleyball Team won 105 points and lost 107 points. Out of 105 points, 44 points were won by attack; 12 by block; 5 by service; and rest of 44 points were won by

opponent error. Whereas, Belarus won 65 points by attack; 16 by block; 3 by service; and 23 points by opponent errors. The Table 3 shows that Indian Volleyball was lacking in attack and block; whereas, Belarus lost 44 points by their own errors as compared to 23 points secured by Indian Volleyball team.

Table-4 : Performance of Indian Volleyball team against USA.

	USA	Set	India
Match-3	23	1	25
	21	2	25
	18	3	25
	32	Attack	44
	10	Block	11
	04	Service	02
	16	Opp. Error	18
Total	62		75

Indian Volleyball team played their third match with United States of America and won this match by 3-0, with the set score of 25-23, 25-21, and 25-18, respectively. In this match, Indian Volleyball team won 75 points and lost 62 points. Out of 75 points, 44 points were won by attack; 11 by block; 2 by

service and rest 18 were won by opponent errors. Whereas, United States of America won 32 points by attack; 10 by block; 4 by service; and 16 by opponent errors. The analysis shows that Indian Volleyball was better in attack and block; whereas, USA lost 18 points by their own errors.

Table-5 : Performance of Indian Volleyball team against Russia.

	Russia	Set	India
Match-4	22	1	25
	28	2	26
	31	3	33
	25	4	22
	11	5	15
	72	Attack	71
	15	Block	11
	04	Service	06
	26	Opp. Error	33
Total	117		121

Indian team played their fourth match with Russia and won this match by 3-2, with the set score of 25-22, 26-28, 33-31, 22-25 and 15-11. In this match, Indian Volleyball Team won 121 points and lost 117 points. Out of 121 points, 71 points were won by attack; 11 by block; 6

by service; and rest of 33 points were won by opponent error. Whereas, Russia won 72 points by attack; 15 by block; 4 by service; and points 26 by opponent errors. Indian Volleyball team got maximum points by opponent errors, followed by service.

Table-6 : Performance of Indian Volleyball team against Argentina.

	Argentina	Set	India
Match-5	25	1	14
	25	2	21
	25	3	17
	40	Attack	31
	15	Block	03
	04	Service	01
	16	Opp. Error	17
Total	75		52

Indian Volleyball team played their fifth match with Argentina and lost this match by 0-3, with the set score of 14-25, 21-25, and 17-25. In this match, Indian Volleyball team won 52 points and lost 75 points. Out of 52 points, 31 points were won by attack; 3 by block; 1 by service and

rest of 17 were won through opponent errors. Whereas, Argentina won 40 points by attack; 15 by block; 4 by service; and 16 through opponent errors. Analysis shows that Indian Volleyball team was lacking in almost all the technical components i.e. attack, block, and service.

Table-7 : Performance of Indian Volleyball team against Belgium.

	Belgium	Set	India
Match-6	25	1	18
	19	2	25
	16	3	25
	25	4	22
	11	5	15
	60	Attack	59
	14	Block	11
	03	Service	03
	19	Opp. Error	32
Total	96		105

Indian team played sixth match with Belgium and won this match by 3-2, with the set score of 18-25, 25-19, 25-16, 22-25 and 15-11. Indian Volleyball team won 105 points and lost 96 points. Out of 105 points, 59 points were won by attack; 11 by block; 3 by service; and rest of 32 points were won by opponent errors. Whereas, Belgium

won 60 points by attack; 14 by block; 3 by service; and 19 points by opponent errors. Table 7 shows that Indian Volleyball team got maximum points by opponent's error. Analysis shows that Indian Volleyball team was lacking in attack and block; whereas it had won maximum points through opponents error.

Table-8 : Performance of Indian Volleyball team against Brazil.

	Brazil	Set	India
Match-7	25	1	19
	17	2	25
	25	3	19
	23	4	25
	15	5	09
	60	Attack	61
	13	Block	10
	04	Service	04
	28	Opp. Error	22
Total	105		97

Indian Volleyball team played their seventh match with Brazil and lost this match by 2-3, with the set score of 19-25, 25-17, 19-25, 25-23, and 11-15. In this match, Indian Volleyball team won 97 points and lost 105 points. Out of 97 points, 61 points were won by attack; 10 by block; 4 points

by service; and 22 were won by opponent errors. Whereas, Brazil won 60 points by attack; 13 by block; 4 by service; and 28 points by opponent errors. Analysis shows that, in this match, Indian Volleyball team was lacking block and lost maximum points by their own errors.

Table-9 : Performance of Indian Volleyball team against Argentina.

	Argentina	Set	India
Match-8	25	1	19
	25	2	16
	25	3	22
	36	Attack	30
	13	Block	11
	02	Service	02
	24	Opp. Error	14
Total	75		57

Indian Volleyball team played their eighth match with Argentina and lost this match by 0-3, with the set score of 19-25, 16-25, and 22-25. In this match, Indian Volleyball Team won 57 points and lost 75 points. Out of 57 points, 30 points were won by attack; 11 by block; 2 by service; and 14 were won by an opponent errors. Whereas, Argentina won 36 points by attack; 13 by attack; 2 by service; and 24 points by an opponent errors. Analysis shows that Indian Volleyball team was lacking in attack and block, and lost 24 points by their own errors.

CONCLUSION & RECOMMEDATIONS

Indian Volleyball team played thirtytwo sets, won sixteen and lost sixteen sets. Total points they won were 687 and they lost 676. Indian Volleyball team won 374 points in attack; 79 points in block; 29 in service; and 205 points by an opponent's error; whereas, opponents won 392 points in attack; 96 in block; 24 in service; and 164 by errors against India. As for as attack and block is concerned, other countries were better than the Indian Volleyball team; whereas, Indian

Volleyball team was better in service only. Indian Volleyball team got 205 points in unforced errors by opponents and lost 164 points to opponents. Here, one part is a good sign as Indian Volleyball team committing less errors than their counterparts. It seems that Indian Volleyball team was winning because of errors committed by opponents. Indian Volleyball team have to concentrate on three point-getting techniques i.e. attack, block and service, to achieve better performance, in the high levels of competition.

Apart from this technical analysis, Indian team does not look physically superior enough. It happened twice in the championship that on previous day Indian team had played five sets and the very next day than lost in straight sets to the opponent. The other facts support this statement that Indian Volleyball team lost three matches out of the last four matches of the championship. It is recommended that along with point-getting techniques, coaches should concentrate on specific fitness training plan to enable them take higher competition load.

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