

**STUDY OF FACILITIES AT GYMNASTICS CENTERS OF DELHI IN RELATION  
TO ACHIEVEMENTS****Shivani Sharma***Swami Ramanand Teerth Marathawada University, Nanderd.***Under The Guideline of: Dr. Vittal Singh Parihar**

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**Introduction:**

The most effective part in the performance sports is the best management of facilities including coaching, training and competition. Moreover, the players are required to have the facilities like safety measures, training venues facilities, travelling facilities and financial management etc. In short, the players are required to have the overall suitable management for better performance in gymnastics.

Presently, the scenarios of performances of Indian competitive gymnastics is compared with the performance at World level is average and that to specifically of the certain regions of India. The facilities provided to the gymnasts when compared with the international standards are meager. The management at various levels from organizations of the competitions, politics in the federation, the partiality towards specificity is highly noticed. Still, the performance of the gymnasts with all these difficulties is not worthy. If the management at various levels are nurtured and flourished then in the forthcoming time, it may be possible for the Indians to celebrate the Indian gymnasts on the victory podium. The management at various levels makes a lot of difference as it is the base of the discipline in executing the programs. The time has invoked the need to evaluate the present situation of the management of the facilities at the same time the performance of the teen at various levels of a particular region, so that it may encourage the other regions to take necessary steps towards enhancing the Indian Performance of gymnastics. The researcher has taken the task of evaluating and comparing the importance of management in the aspects of performance of sports,

gymnastics being no exception to it. Hence, the statement of the problem of proposed research is entitled as:

**Study of Facilities at Gymnastics Centers in Delhi In Relation To Achievements:**

Here the research scholar is in pursuit to evaluate the management of facilities at various gymnastics centers in Northern India and at the same time compare the performance levels of the gymnasts with their achievements in competitions.

**Methods & Materials:**

The present study makes use of the survey method (descriptive). A survey usually consists of predetermined set of questions which is given to the selected sample. As the sample is representative of purposive population, the results can be generalized as applicable to the large population. The survey is usually done by 4 methods viz; Mail, personal interviews, telephone interviews and by Internet. The 14 gymnastics centers were considered for the study. This study is limited to the year 2013-2015.

**Hypothesis:**

Hypothesis of the study:

1. The proposed study is Hypothesized to the facilities available at the selected centers from Delhi are insufficient.
2. The study is hypothesized to the achievement level of the gymnasts from the selected centers of Delhi is satisfactory.
3. It is further hypothesized that there is a directly proportional relationship between the best management of the facilities and the best achievement level.

**Result and Discussion:**

**Table no. 1: Availability of total area for conducting indoor and outdoor gymnastic activities. Indoor Measurement of Hall:-**

s.no.	Range of Area (Sq. mr.)	of in	Center of Delhi State
1	0 - 1000		06
2	1000 - 2000	-	-
3	2000 - 3000	-	-
4	3000 - 4000	-	-
5	4000 - 5000	-	-
6	5000 - 6000	-	-
7	6000 -	-	-

	7000		
8	7000	-	-
	8000		
9	8000	-	-
	9000		
10	9000	-	-
	10000		
11	10000	-	-
	11000		
	Total		06

The above table highlights the availability details of conducting indoor gymnastics activities. Total (06) centers are running outdoor gymnastics. It was reported that 06 centers of Delhi states are running outdoor gymnastics.

**Table no. 2: Infrastructure for conducting artistic gymnastics activities.**

S.no.	Indoor		Outdoor	
	Range of Area in (Sq. mr.)	Delhi State	Range of Area in (Sq. mr.)	Delhi State
1	0 -1000	08	0 - 1000	06
2	1000 – 2000	-	1000 – 2000	-
3	2000 – 3000	01	2000 – 3000	-
4	3000 – 4000	-	3000 - 4000	-
	Total	09	Total	06

The above table clearly indicates that in Delhi State (09) centers have proper indoor infrastructures for conducting Artistic Gymnastics activities and (06) centers are conducting outdoor Artistic Gymnastics activities.

### **Discussion and Findings:**

The data collected will be segregated according to the variables and the necessary statistical treatment is administered for the objective interpretation of the data. Delhi state has enough facilities of Artistic Gymnastics. As the above table shows that (03) gymnastics centers have proper indoor infrastructure and equipment facilities. As the achievement of the Delhi gymnasts they were not in top ranking within North India. Though Delhi State has many qualified gymnastics coaches within the territory.

The statistical treatment, analysis and interpretation of the collected data with all the required labeled illustrations and graph in various formats will be discussion considering the hypothesis made. The first hypothesis is partially rejected that, Delhi State has enough equipment and indoor facilities within its territory. The second hypothesis is accepted that, Delhi gymnasts shown satisfactory performance and achievement level. The third hypothesis is partially accepted that, the gymnasts shown good achievement level those practiced under

good indoor facilities and equipments, but some of them shown poor performance those who practiced under outdoor and less equipments.

**Conclusion:**

This study on the basis trend of the result shows that the relationship of gymnastics performance and good infrastructure and equipments leads to high and satisfactory performance level. Delhi state has proved this postulate.

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