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**A Survey of Physical Education Infrastructure and Facilities Available in the  
Affiliated Colleges of Siddarth University, Siddarth Nager and  
Dr. R. M. L. A. University, Ayodhya**

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**Abstract**

This study on available sports infrastructure facilities in the top five sports achieved colleges of Siddarth University, Siddarth Nager and Dr. R.M.L.A. University, Ayodhya. The purpose of this study is to examine the various types of sport infrastructure facilities available in the department of physical education and sports top five achieved colleges and its influence to bring the laurel to the concerned universities in the North-Zone and All Indian university level of competition. Using percentile analyses, an assortment of sport infrastructure surveys with an overall sample size of n=5 (colleges in each University), compel to the data concerning with the departments Physical Education of Siddarth University, Siddarth Nager and Dr. R.M.L.A. University, Ayodhya. The results revealed that different sports facilities in department of physical education and sports in the colleges comes under Siddarth University, Siddarth Nager and Dr. R.M.L.A. University, Ayodhya. Uttar Pradesh state, the colleges that are having fitness centers, indoor facility, outdoor facility, training, coaching camps, implementation of modern technology and other outdoor facilities has to be improved and some facilities has to provide to develop for the increase their level of sports achievements in the colleges for contribute for their respective universities, which are affiliated under Siddarth University, Siddarth Nager and Dr. R.M.L.A. University, Ayodhya.

**Keywords:** sports, infrastructure, college, university

**1. Introduction**

The availability of adequate sports facilities throughout the country is basic to the development and broad-basing of Sports. In addition to the Union and State Governments, the

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sustained involvement of other agencies, including the Panchayat Raj Institutions, Local Bodies, Educational Institutions, Sports Federations/Associations. Clubs and Industrial undertakings will be enlisted in the creation, utilization and proper maintenance of the Sports infrastructure is very essential to the keep top priority of the country in the line of sports achievers at world level of sports.

While existing play fields and sports stadiums, both in provincial and metropolitan regions, will be kept up for sports purposes, the presentation of reasonable enactment might be considered for giving open regions to encourage games and sports. Steps would be taken to develop ease practical and climate well-disposed plans in such manner, so greatest profit could be inferred through generally low degrees of speculation. Endeavors will likewise be made to ideally use the accessible Infrastructure and manpower and exceptional coaching camps are co-ordinate, during the get-away to give concentrate for preparing the skilled games, even as they seek after their scholarly work in the college level.

## 2. Hypothesis

It was hypothesized that the top achieved five colleges of Siddarth University, Siddarth Nager and Dr. R.M.L.A. University, Ayodhya. have adequate facilities of sports infrastructure in the department of physical education and sports. It was also hypothesized that due course of available sports infrastructure in the top achieved colleges and they trained the sportspersons, that benefits were taken by the universities for achieving in the Nort-Zone and All India Inter-University competition

## 3. Objectives

To have a depth study of the sports infrastructure facilities available in the top five Colleges, it influence for the promotion and development of physical education and sports in the Siddarth University, Siddarth Nager and Dr. R.M.L.A. University, Ayodhya.

- i. To measure the sports infrastructure facilities available in the different top achieved colleges in the Inter-Collegiate competitions of Ayodhya University and Siddharth University.

### 3. Methodology

The methodology and procedure of the research study are used for the purposes which underlines the goals, which are to be achieved. The hypothesis of the research is to know sports infrastructure facilities in the colleges under Siddarth University, Siddarth Nager and Dr. R.M.L.A. University, Ayodhya. The study was conducted through survey by preparing questionnaire to obtain the existing facilities on sports infrastructure in the top five achieved colleges of concerned universities. With the help of self-prepared questionnaire, data were collected from the concerned colleges of Siddarth University, Siddarth Nager and Dr. R.M.L.A. University, Ayodhya.

#### i. Statistical Tools:

Necessary statistical application S.P.S.S software has adopted to find the exact results and data tables, graphs were shown were ever necessary.

#### ii. Selection of the sample

The purpose of the study was to find out the sports facilities of colleges Under Siddarth University, Siddarth Nager and Dr. R.M.L.A. University, Ayodhya. Researcher has selected top sports achieved five colleges from each University to find out the sports infrastructure facilities in the department of physical education and sports.

#### iii. Collection of the data

Based on the self-prepared questionnaire we're using for data collection from the top sports achieved colleges in the Inter-Collegiate competitions of Siddarth University, Siddarth Nager and Dr. R.M.L.A. University, Ayodhya.

#### iv. Analysis and interpretation

In order to survey the sports infrastructure and facilities in degree colleges of Siddarth University, Siddarth Nager and Dr. R.M.L.A. University, Ayodhya were percentage used. The questionnaires were based on the major areas of 8 variables.

**Table 1:**

**Details of sports facilities available in Universities**

Sports Infrastructure Facilities									
Dr. R.M.L.A. University, Ayodhya.					Siddharth University, Siddharth Nager				
Facilities		Yes		No		Yes		No	
Number	Percent	Number	Percent	No.	Percent	No.	Percent		
Fitness centers	5	100	0	00	5	100	0	00	
Indoor Facility	3	60	2	20	4	80	1	20	
Outdoor Facility	5	100	0	00	4	80	1	20	
Training facility	5	100	0	00	4	80	1	20	
Technology rooms	1	20	4	80	2	40	3	60	

Table-1 shows that, 100 percent of colleges under Ayodhya University and Siddharth University have fitness centers. 60 percent of colleges under Ayodhya University and 80 percent of colleges of Siddharth University having indoor facility, 100 percent of colleges under Ayodhya University and 80 percent colleges of Siddharth University having outdoor facility and 100 percent colleges under Ayodhya University 80 percent colleges under Siddharth University having Training and coaching facility and 20 percent of colleges under Ayodhya University and 40 Percent of colleges under Siddharth University having Technology enabled class rooms.

When comparing with sports facilities under Ayodhya University and Siddharth University having good and well equipped fitness centers, indoor facility, training, coaching facility, technology and class room facilities than the colleges under Ayodhya University and Siddharth University good and well infrastructure facilities were provided for sports training and coaching concern, when comparing with outdoor facility Ayodhya University having better facilities rather than Siddharth University

Table-1 also shown that, in the North-Zone and All India Inter-University competition, Ayodhya University secure more number of medals and they are produced better sports personality rather than Siddharth University due to good available infrastructure facilities in the colleges and their physical education department provided well and advanced training and coaching in the

competitive manner, so that result we can found in the national level competitions. This might be the reason each and every affiliated colleges must have the sports infrastructure facilities to contribute lot for the universities in the field of competitive sports rather than expected the better sports infrastructure facilities in the concerned universities, because universities were conduct training or coaching camps during the time of sending the teams for the Inter-University competition and summer coaching camps otherwise, concerned university will not at all possible to secure and getting the winning result in the competitive world of sports.

**Table:2**

**Indoor and Outdoor facilities available in the colleges of Ayodhya University and Siddharth University**

Dr. R.M.L.A. University, Ayodhya					Siddharth University, Siddharth Nager			
Facilities	Yes		No		Yes		No	
	No.	Percent	No.	Percent	No.	Percent	No.	Percent
Hockey	4	80	1	20	2	40	3	60
Kabaddi	5	100	0	00	5	100	0	00
Cricket Pitch	5	100	0	00	3	60	2	40
Football	4	80	1	20	2	40	3	60
Kho-Kho	5	100	0	00	2	40	3	60
Ball Badminton	5	100	0	00	2	40	3	60
Volleyball	5	100	0	00	4	80	1	20
Basketball	3	60	2	40	2	40	3	60
Handball	5	100	0	00	4	80	1	20
Tennis	4	80	1	20	2	40	3	60
Throwball	5	100	0	00	4	80	1	20
Archery	0	00	5	100	0	00	5	100
Netball	4	80	1	20	3	60	2	40
(Softball)	4	80	1	20	1	20	4	80

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From the table-2 it is shows that, percentage value of 100 in Kabaddi, Cricket pitch, Kho-Kho, Ball badminton, Volleyball, Handball and Throw ball and 80 percentage of the Hockey, Football, Tennis and Netball trams of colleges under Ayodhya University 100 per cent in Kabaddi and Cricket, 80 per cent in Volleyball, Handball and Throw ball trams of colleges under Siddharth university.

It clearly indicate that, maximum outdoor sports facilities having by the Ayodhya University, but in the game kabaddi more facilities available in the colleges of Siddharth University, so both the Universities are having better achievement in the outdoor competitive event in All India Inter-University tournaments.

When comparing with facilities colleges under Siddharth University have very less facility compare to colleges under Ayodhya University. When compare with same games facility the colleges under Ayodhya University and Siddharth University having very less percentage. From many years sports persons are representing the respective university to participate in the North-Zone and All India Inter University competition in Ayodhya University and Siddharth University, they are having better sports infrastructure facilities in the colleges, researcher clearly stress over that, those colleges having better sports infrastructure they can possible to uplift the sports persons present and future in the National and Inter-National competition for the concerned universities. It mandatory that, even though universities were established the infrastructure sports facilities will not used by the sports persons throughout the year in a systematic and planned manner, it may cause lack of maintenance and it is very difficult to maintain the ground as well as equipment and also financial burdens for the concerned university. As per the researcher concern colleges must have more sports infrastructure facilities rather than the universities, it is more useful and give good result in the higher level of competition.

### Summary and Conclusion

Physical education and competitive sports is also considered a process by which, individual is shaped to fit into the society to maintain and advance the social order. It is a system designed to make an individual rational, mature and a knowledgeable human being. Physical

education and sports is the modification of behavior of an individual for the better adjustment in the society and for making a useful and worthwhile citizen. The pragmatic view of physical education and sports highlights learning by doing and learning through physical movement. From many years sports persons are representing the respective university to participate in the North-Zone and All India Inter University competition in Ayodhya University and Siddharth University, they are having better sports infrastructure facilities in the colleges, researcher clearly stress over that, those colleges having better sports infrastructure they can possible to uplift the sports persons present and future in the National and Inter-National competition for the concerned universities. It mandatory that, even though universities were established the infrastructure sports facilities will not used by the sports persons throughout the year in a systematic and planned manner, it may cause lack of maintenance and it is very difficult to maintain the ground as well as equipment and also financial burdens for the concerned university.

Researcher included to complete this study is based on Indoor and Outdoor facilities available in the colleges of Ayodhya University and Siddharth University and it impact on the North-Zone and All India Inter-University competitions.

### **Recommendation of this Study**

- i. The result of the present study may be considered as a review for further study in the area of sports infrastructure and outdoor sports facilities.
- ii. Similar study may be conducted in other professional courses in the field of Physical Education and Sports.
- iii. This study may recommend for all the colleges can generate resource and develop infrastructure
- iv. This type of study can be conduct in comparison of different states in India

### **Reference**

1. George S Jr. The organization and Administration of Physical Education, Prentice Hall, Inc. Englewood Cliffs, USA 1979.



2. Joseph, Auguston. A Study of Physical Education on Programme and Facilities of Kattapana Educational, Unpublished Master's Dissertation, submitted to Amravati University 1987.
3. National Plan of Physical Education. Government of India Ministry of Education: Government of India Press, New Delhi 1956, 175.
4. Nordly L Cal. A study of Physical Education Facilities and Equipment of all Related Public Secondary School of MD\TNESOT A. Research Quarterly 1939;10:122.
5. Raymond Rodidas A, Quotm. Survey of Physical Education in the Quebee Classical Colleges & QUOT, Completed research ill Health, Physical Education and Recreation 1960;2:72.