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## A comparative study on sports facilities available in department of physical education in colleges of Karnataka and Kerala state universities

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### Abstract

This study on available sports infrastructure facilities in the top 40 sports achieved Colleges of Karnataka and Kerala State Universities. 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 40 achieved colleges. Using percentile analyses, an assortment of sport infrastructure surveys with an overall sample size of  $n=20$  (colleges in each Karnataka and Kerala State Universities), compel the data concerning with the departments Physical Education of Karnataka and Kerala Universities. The results hint at that different sports facilities in department of physical education and sports in the colleges comes under Karnataka and Kerala State Universities, colleges that are having Separate Sports Department, Computer Printer, Projector, OHP, TV/Video Player, Wash Room, Dress Changing Room, Store Room, Separate Cabin and Support from College, Grace mark, Sports person disabilities, Folk games, Insurance, Holidays camp, Staff tournament, Rural women sports and Traditional games 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 Karnataka and Kerala State Universities.

**Keywords:** Infrastructure, college, sports

### 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 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.

### Hypothesis of the research

It was hypothesized that the highly sports achieved 40 colleges of Karnataka and Kerala State Universities have adequate sports facilities and infrastructure.

### Objectives of the study

To have a depth study of the sports infrastructure facilities available in the top 40 Colleges and its influence for the promotion and development of physical education and sports in the Karnataka and Kerala State Universities.

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**Deli Mitations**

- The study was delimited to the colleges of Karnataka and Kerala Universities only
- The study was delimited to total 20 colleges top sports achievers colleges of Karnataka and Kerala universities each
- The study was further delimited to sports infrastructure facilities available in particular colleges of respective state universities.

**Limitations**

- The study was limited the qualities of infrastructure facilities available in the universities.
- The amount invested to build the infrastructure facilities in the college.

**Methodology**

The procedures 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 of Karnataka and Kerala State Universities. The study was conducted through survey by self prepared questionnaire to obtain the existing facilities on sports infrastructure in the top 20 sports achieved colleges of Karnataka and top 20 sports achieved colleges of Kerala State universities. With the help of self-prepared questionnaire, data were collected from the concerned colleges of Karnataka and Kerala State Universities. Necessary statistical application has adopted to find the exact results, data tables and graphs were shown were ever necessary. The present table of findings with the help of statistical analysis which are presented along with their explanations thereby. Tables which need to elaborate the understanding of processed data are presented by were ever necessary.

**Selection of the sample**

The purpose of the study was to find out the sports facilities

of colleges Under Karnataka and Kerala State Universities. Researcher has selected top sports achieved 20 colleges from each University to find out the Sports Infrastructure Facilities in the department of physical education and sports.

**Collection of the data**

Based on the self prepared questionnaire were using for data collection from the top sports achieved colleges of Karnataka and Kerala State Universities. Before collecting the data, researcher has to contact personally and discussion were made with expertise personalities in the field of physical education and sports for finalized the questionnaire.

**Analysis and Interpretation**

The analysis of data collected through the administration of the questionnaire has been presented in this chapter. In order to survey the sports infrastructure and facilities in degree colleges of Karnataka and Kerala State Universities percentage were used. The questionnaires were based on the major areas of 8 variables. Researcher received questionnaires duly filled from the physical education Directors of the concerned top 20 (each 20 State universities) degree colleges.

**Table 1:** Independent department of physical education and sports in the colleges of Karnataka and Kerala state Universities.

State		Frequency	Percentage
Kerala	Yes	20	100.0
	No	0	0.0
Karnataka	Yes	16	80.0
	No	4	20.0
	Total	20	100.0

Table No 1 shows the details of having separate sports department and it indicates that every colleges in Kerala have separate sport department and but in Karnataka, 80% of the colleges have separate sports department and 20% of the colleges do not have separate sport department.

**Table 2:** Additional facilities available in the sports department of selected top sports achievers college of Karnataka and Kerala State Universities.

State			Responses		Percentage of Cases
			N	Percentage	
Kerala	Sports Facility	Computer	20	13.5%	100.0%
		Printer	20	13.5%	100.0%
		Projector	15	10.1%	75.0%
		OHP	6	4.1%	30.0%
		TV/Video Player	8	5.4%	40.0%
		Wash Room	20	13.5%	100.0%
		Dress Changing Room	20	13.5%	100.0%
		Store Room	20	13.5%	100.0%
		Separate Cabin	19	12.8%	95.0%
Total		148	100.0%	740.0%	
Karnataka	Sports Facility	Computer	14	15.2%	87.5%
		Printer	13	14.1%	81.2%
		Projector	5	5.4%	31.2%
		OHP	2	2.2%	12.5%
		TV/Video Player	4	4.3%	25.0%
		Wash room	13	14.1%	81.2%
		Dress changing room	13	14.1%	81.2%
		Store room	15	16.3%	93.8%
		Separate cabin	13	14.1%	81.2%
Total		92	100.0%	575.0%	

a. Dichotomy group tabulated at value 1.

Table No 2 shows the sports facilities in colleges of both states and it indicates that all colleges in Kerala have

Computer, Printer, Dress changing room and store room. 75% of the colleges have projector and 40% of the colleges have

TV/ video player in their sports department. But in Karnataka, 87.5% of the colleges have computer and 81.2% of the colleges have Printer, Washroom, Dress Changing room and separate cabin. And only 12.5% of the colleges have OHP. From the analysis it can be concluded that Kerala colleges have better sports facilities than colleges of Karnataka.

**Table 3:** Support from Colleges of Karnataka and Kerala State Universities

State		Frequency	Percentage
Kerala	No	1	5.0
	Yes	19	95.0
	Total	20	100.0
Karnataka	No	2	10.0
	Yes	18	90.0
	Total	20	100.0

Table No. 3 shows the details whether college support for sports and it indicates that 95% of the colleges gives support to the sports and 90% of the colleges in Karnataka gives support to the sports. From the analysis it can be concludes that colleges in both the states supported to the sports.

**Table 4:** Details of the Support from the Colleges of Karnataka and Kerala State Universities

State		Responses		Percentage of Cases	
		N	Percentage		
Kerala	Support Details	Grace mark	20	18.9%	100.0%
		Sports person disabilities	15	14.2%	75.0%
		Folk games	4	3.8%	20.0%
		Insurance	7	6.6%	35.0%
		Holidays camp	19	17.9%	95.0%
		Staff tournament	17	16.0%	85.0%
		Rural women sports	14	13.2%	70.0%
		Traditional games	10	9.4%	50.0%
Total		106	100.0%	530.0%	
Karnataka	Support Details	Grace mark	10	13.2%	52.6%
		Sports person disabilities	5	6.6%	26.3%
		Folk games	7	9.2%	36.8%
		Insurance	5	6.6%	26.3%
		Holidays camp	13	17.1%	68.4%
		Staff tournament	18	23.7%	94.7%
		Rural women sports	6	7.9%	31.6%
		Traditional games	12	15.8%	63.2%
Total		76	100.0%	400.0%	

a. Dichotomy group tabulated at value 1.

Table No.4 shows the details of the support from the colleges of both the states and it explains that all colleges in Kerala gives grace marks to the sports students and 75% of the colleges support sports person with disabilities. It also indicates that 95% of the colleges in Kerala provides holiday camp and 85% of the colleges conducts staff tournament. On the other side, 94.7% of the colleges in Karnataka conducts staff tournament and 68.4% of the colleges provides holidays camp. And, 63.2% of the colleges in Karnataka conducts traditional games and only 26.3% of the colleges support person with disabilities. From the comparative analysis, it can be concluding that Kerala colleges gives more support towards sports in all aspects as compared to colleges in Karnataka.

## 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 South-Zone and All India Inter University competition in Karnataka and Kerala State Universities, 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.

## Recommendation

1. The result of the present study may be considered as a review for further study in the area of sports infrastructure facilities.
2. Similar study may be conducted in other professional courses in the field of Physical Education and Sports.

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