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**REVIEW ARTICLE**

**CRITICAL ANALYSIS OF SPORTS  
INFRASTRUCTURE IN SELECTED  
PROFESSIONAL INSTITUTION OF PHYSICAL  
EDUCATION IN CHHATTISGARH**

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# Critical Analysis of Sports Infrastructure in Selected Professional Institution of Physical Education in Chhattisgarh

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**Abstract – “A university stands for humanism for tolerance, for reason, for progress, for the adventure of ideas and for the search of truth. It stands for the onward march of the human race towards even higher objectives. If the universities discharge their duty adequately, then, it is well with the nation and the people.”**

## INTRODUCTION

“A university stands for humanism for tolerance, for reason, for progress, for the adventure of ideas and for the search of truth. It stands for the onward march of the human race towards even higher objectives. If the universities discharge their duty adequately, then, it is well with the nation and the people.”

Sports and Physical Education are essential components of human resource development, helping to promote good health, comradeship and spirit of friendly competition, which, in turn, has positive impact on overall development of personality of the youth. Excellence in sports enhances the sense of achievement, national pride and patriotism. Sports also provide beneficial recreation, improve productivity and bolster social harmony and discipline”. The twin planks of the Policy are “Broad-basing” of Sports and “Achieving Excellence in Sports” at the National and International Levels.

The field of physical education has developed from all unappreciated unwanted appendage of the curriculum into an indispensable phase of the general education for everyone, While not so many years ago a few or no physical education facilities were provided for the education of the children and youth, today no educational facility can be considered modern unless it amply provides for a wide and varied programme of physical education. For this reason all who are responsible for authorizing, designing or using the facilities should have an accurate knowledge of the scope and contents of present and if possible future programmes of physical education. It is only in this manner that facilities can be constructed that enhance, rather than restrict the achievement of the educational goals of the programme.

## METHODOLOGY

A study of this nature involving collection of relevant data on the existing patterns of organization of physical education in the universities and colleges of Chhattisgarh is based on survey type of research. In order to achieve the objective of this study, a list of approved institutions/ Colleges/ Departments of Physical education of Universities of Chhattisgarh was taken from the Regional Director NCTE (WRC) Bhopal for the session 2010-11. Out of 11 (Eleven ) institution/ Colleges/ Department of Physical education of Universities of Chhattisgarh 10 from Chhattisgarh were randomly selected as the institutions of physical education for the research study. The data pertaining to sports infrastructure was compiled on a worksheet for each question separately for all the institutions of physical education of Chhattisgarh. The information obtained from the responses of questionnaires was carefully and systematically compiled for data analysis. The percentage analysis with frequencies and mean were calculated for meaningful presentation of the surveyed information.

## RESULTS AND DISCUSSION:

The percentage analysis of total land allotted to the institution of physical education campus in Chhattisgarh state is shown in table 1.

Table 1

The Percentage Analysis of the Total Land Allotted to the Institution of Physical Education Campus in Chhattisgarh State

Land in Acres	Number of Institution	Percentage
More than 60 Acres	01	10%
15 to 30 Acres	04	40%
8 to 14 Acres	02	20%
less than 8 acres	03	30%

It is evident from above table that land allotted to the institutions of physical education is more than 60 acres in 10% of the institution, 15 to 30 acres of land allotted to 40% of the institutions; 20% institution have 8 to 14 acres of the land and 30% of the institution have less than 8 acres of land allotted for institution of physical education in Chhattisgarh state.

The graphical representation of the analysis of total land allotted to the institutions of physical education in Chhattisgarh state is shown in figure 1.

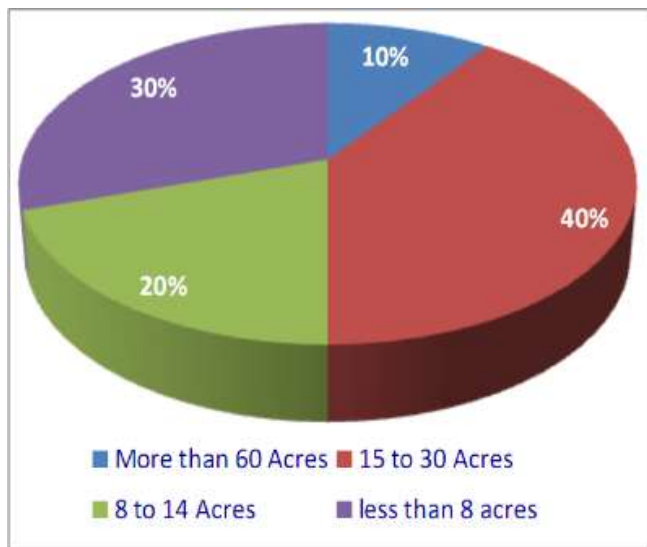


Fig. 1: Graphical presentation of data pertaining to total land allotted to the institution of physical education campus in Chhattisgarh state.

The percentage analysis of number of the institutions of physical education in Chhattisgarh state having and not having building and other facilities is given in Table-2.

Table – 2

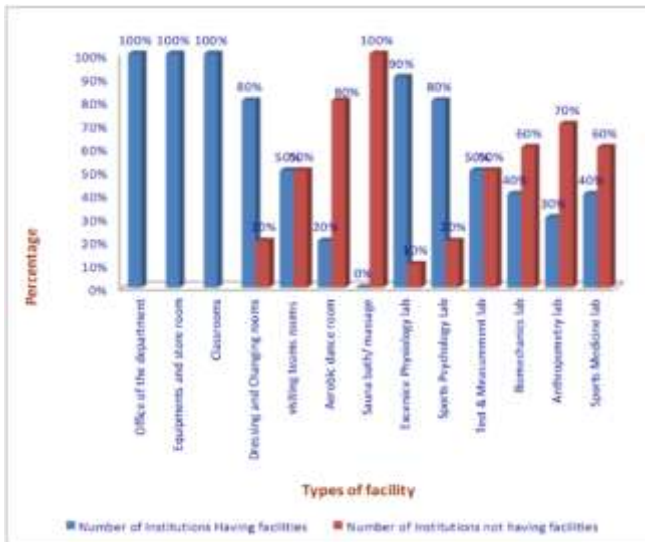
The Percentage Analysis of Number of the Institutions of Physical Education in Chhattisgarh State Having and Not Having Building and Other Facilities

Rooms/ Labs facilities	Number of Institutions Having facilities		Number of Institutions not having facilities	
	Number	%	Number	%
Office of the department	10	100%	--	--
Equipments and store room	10	100%	--	--
Classrooms	10	100%	--	--
Dressing and Changing rooms	08	80%	02	20%
For accommodation for the visiting teams rooms	05	50%	05	50%
Aerobic dance room	02	20%	08	80%
Sauna bath/ massage	Nil	00%	10	100%
Exercise Physiology lab	09	90%	01	10%
Sports Psychology Lab	08	80%	02	20%
Test & Measurement lab	05	50%	05	50%
Biomechanics lab	04	40%	06	60%
Anthropometry lab	03	30%	07	70%
Sports Medicine lab	04	40%	06	60%

It is evident from the above table that all the institutions of physical education in mp have got a built up area for office, classrooms and Equipments. It is reveals that 90% institution has the available of exercise physiology lab. It is also evident that 80% institutions have the availability of dressing and changing room and sports psychology lab. It is further clear that only 50% of the institutions have provisions for accommodation of rooms for visiting sports team and test and measurement lab. It is further evident that 40% have Biomechanics lab and sports medicine lab. It is further clear that 30% institutions have anthropometric lab, 20% institution have aerobic and dance room. It is important to note that institutions do not have facilities for sauna and massage room. It is evident from the above table that all the institutions of physical education in mp have got a built up area for office, classrooms and Equipments. It is reveals that 90% institution has the available of exercise physiology lab. It is also evident that 80% institutions have the availability of dressing and changing room and sports psychology lab. It is further clear that only 50% of the institutions have provisions for accommodation of rooms for visiting sports team and test and measurement lab. It is further evident that 40% have Biomechanics lab and sports medicine lab. It is further clear that 30% institutions have anthropometric lab, 20% institution have aerobic and dance room. It is important to note that institutions do not have facilities for sauna and massage room.

The graphical representation of the percentage analysis of number of the institutions of physical education in Madhya Pradesh state having and not 2

having building and other facilities is shown in figure 2.



**Fig. 2: Graphical representation of the percentage analysis of number of the institutions of physical education in Madhya Pradesh state having and not having building and other facilities.**

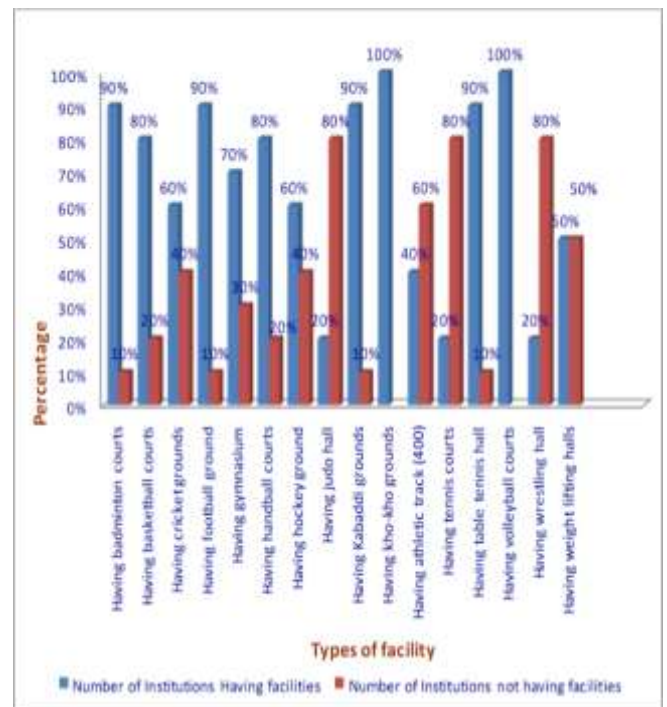
The percentage analysis of the number of institutions of physical education and sports in Chhattisgarh state having & not having sports facilities is given in Table – 3.

**Table – 3**

**The Percentage Analysis of the Number of Institutions of Physical Education and Sports in Chhattisgarh State Having & Not Having Sports Facilities**

Sports Facilities	Institutions Having Sports facilities		Institutions not having Sports facilities	
	Number	%	Number	%
Having football ground	09	90%	01	10%
Having hockey ground	60	60%	04	40%
Having Kabaddi grounds	09	90%	01	10%
Having kho-kho grounds	10	100%	--	--
Having tennis courts	02	20%	08	80%
Having volleyball courts	10	100%	--	--
Having badminton courts	09	90%	01	10%
Having basketball courts	08	80%	02	20%
Having athletic track (400)	04	40%	06	60%
Having handball courts	08	80%	02	20%
Having cricket grounds	06	80%	04	40%
Having judo hall	02	20%	08	80%
Having gymnasium	07	70%	03	30%
Having table tennis hall	09	90%	01	10%
Having wrestling hall	02	20%	08	80%
Having weight lifting halls	05	50%	05	50%
Having boxing hall	00	00%	00	00%
Having swimming pool	00	00%	00	00%
Having squash courts	00	00%	00	00%

It is evident from the table that all the institutions have the kho-kho grounds, and Volleyball courts. It is further clear that 90% Institutions have football ground, kabaddi ground, badminton courts and table tennis hall. It is also clear that 80% institutions have basketball courts and handball courts whereas 70% institutions have gymnasium hall, 60% institutions have hockey ground and cricket ground, 50% institutions have weight lifting halls, 40% institutions have athletic track (400mtrs), 20% institutions have wrestling hall and tennis court. It is important to note that institutions do not have facilities for boxing hall, swimming pool and squash courts. The graphical representation of the percentage analysis of the number of institutions of physical education and sports in Chhattisgarh state having & not having sports facilities is shown in figure 3.



**Fig. 3: Graphical representation of the percentage analysis of the number of institutions of physical education and sports in Chhattisgarh state having & not having sports facilities.**

**CONCLUSIONS**

1. It is concluded that none of the institution of physical education in Chhattisgarh have complete sports infrastructure for conducting professional courses of physical education as per norms of NCTE, Delhi.
2. It may further be concluded that none of the institution of physical education in Chhattisgarh have teaching faculty for conducting various professional courses of physical education as per NCTE norms.
3. It may be concluded that 30% institutions of physical education in Chhattisgarh do not have minimum 8 acres of land as required for

conducting professional courses in physical education as per the norms and standards of NCTE.

4. It is further concluded that all the institutions of physical education in Chhattisgarh have sufficient academic building for administrative staff, classrooms, labs, library, common rooms and staff rooms for conducting professional courses in physical education as per NCTE norms.

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