

CRITICAL ANALYSIS OF SPORTS INFRASTRUCTURES IN SELECTED PROFESSIONAL INSTITUTIONS OF PHYSICAL EDUCATION IN MADHYA PRADESH

Rajender Singh
Susheel Kumar

Introduction

“India is a nation of young people. Our youth are ready to work hard for a bright future. They want to build a new India. We must build a new India of their dreams. I want every one of our youth to walk shoulder to shoulder, and walk forward with us in building a new India. Every young person must have faith in our future. To know that this country will create opportunities for all and for the full expression of their talent and skills. “Every human being has a fundamental right of access to physical education and sport, which is essential for the total development of his/ her personality. The freedom to develop physical, intellectual and moral powers through physical education and sport must be guaranteed both within the educational system and in other aspects of social life.

Physical education and sport, is an essential dimension of education and culture. It must develop the abilities, will-power and self-discipline of every human being as a fully integrated member of society. The continuity of physical activity and the practice of sports must be ensured throughout life by means of a democratized education. At the individual level, physical education and sport contribute to the maintenance and improvement of health, provide a wholesome leisure-time occupation and enable man to overcome the drawbacks of modern living. At the community level, they enrich social relations and develop fair play, which is essential not only to sport itself but also to life in society. The overall education system of India must realize the importance of physical education and sport in order to establish a balance and strengthen links between physical activities and other components of education.

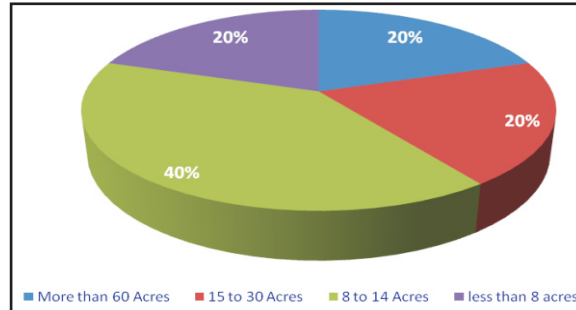
Methodology

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 Madhya Pradesh 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 Madhya Pradesh was taken from the Regional Director NCTE (WRC) Bhopal for the session 2010-11. Out of 41 (Forty One) Institutions/ Colleges/ Department of Physical education of Universities of Madhya Pradesh 10 from Madhya Pradesh 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 Madhya Pradesh. 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

Table -1
The percentage analysis of the total land allotted to the institution of physical education campus in Madhya Pradesh

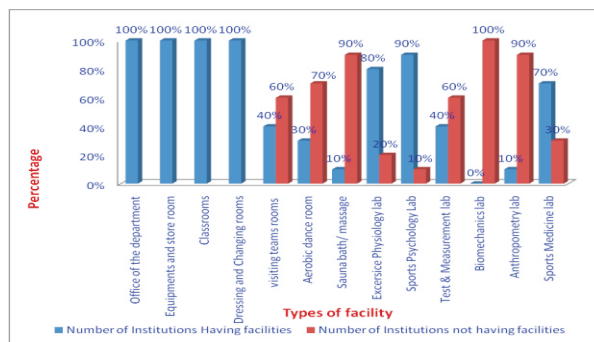
Land in Acres	Number of Institution	Percentage
More than 60 Acres	02	20%
15 to 30 Acres	02	20%
8 to 14 Acres	04	40%
less than 8 acres	02	20%
Total	10	100%



It is evident from above table that 20 percent institutions have more than 60 acres of land, where as 20 percent institution have 15 to 30 acres of land. The 40 percent institutions have 8 to 14 acres of the land while 20 percent of the institutions have less than 8 acres of land which is the mandatory requirement of NCTE for establishing any with any per the norms of NCTE.

TABLE -2
The percentage analysis of number of the institutions of physical education in Madhya Pradesh state having and not having building and other facilities

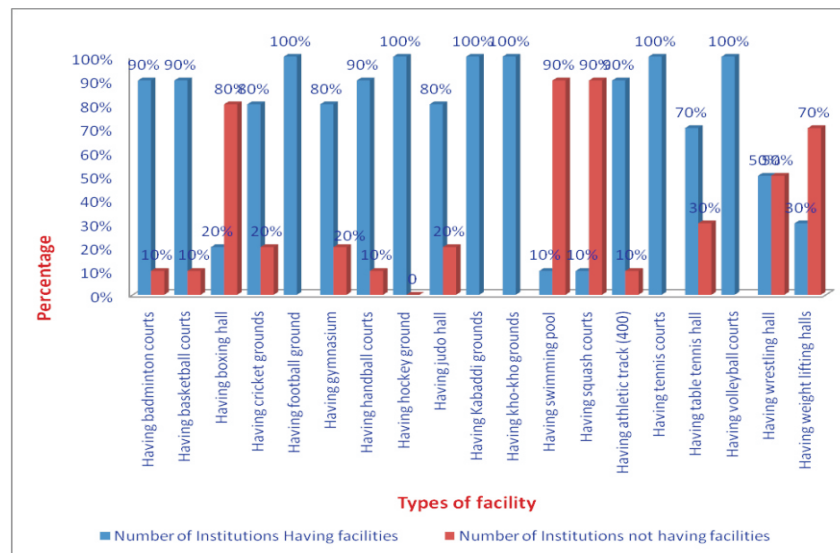
Rooms/ Labs facilities	Number of Institutions Having facilities		Number of Institutions not having facilities	
	Number	%	Number	%
Office of the department	10	100%	--	--
Equipments and store room	10	100%	--	--
Classrooms	10	100%	--	--
Dressing and Changing rooms	09	90%	--	--
For accommodation for the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



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, Equipments and store room. It is also evident that 90 percent institutions have the availability of dressing and changing room. It is further clear that only 40 percent of the institutions have provisions for accommodation of rooms for visiting sports team. It is further evident that 30 percent have Aerobic dance rooms. It is important to note that only 10 percent colleges have facilities for sauna bath and massage room. It is also clear from the analysis of data that 80 percent institutions of physical education have provision for exercise physiology lab, 90 percent have sports psychology lab, 40 percent have test & measurement lab, 70 percent have sports medicine laboratory, and 10 percent have anthropometry lab.

TABLE -3
Percentage analysis of the number of institutions of physical education and sports in Madhya Pradesh state having & not having sports facilities

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



It is evident from the table that all the institutions have the Football ground, Hockey ground, Kabaddi grounds, Kho-kho grounds, Tennis courts and Volleyball courts. It is further clear that 90 percent Institutions have badminton courts, basketball courts, Athletic track (400 Mt.) and handball courts. It is also clear that 80 percent institutions have Cricket ground, Judo hall and Gymnasium whereas 70 percent institutions have table tennis hall, 50 percent institutions have wrestling hall, 30 percent institutions have weight lifting halls, 20 percent institutions have boxing hall, and only 10 percent institutions have swimming pool and squash courts.

Conclusions

1. It is concluded that none of the institution of physical education in Madhya Pradesh have complete sports infrastructure for conducting professional courses of physical education as per norms of NCTE, Delhi.
2. It may be concluded that 20% institutions in Madhya Pradesh 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.
3. It is further concluded that all the institutions of physical education in Madhya Pradesh have sufficient academic building for administrative staff, classrooms, labs, library, common rooms and staffrooms for conducting professional courses in physical education as per NCTE norms.

References:

- P. Adinarayana Reddy "Sports Development Programme in India" Sports Promotion in India (Discovery publishing House, New Delhi, India 2005)
- Deobold B. Ven Dalen and Bruce L Bennett, d., World History-of Physical Education (Englewood Cliffs. N.J: Prentice Hall. mc., 1971)
- Jesse Feiring Williams. The Principles of Physical Education (Philadelphia: W,B, Saunders Company, 1969)