

A Case Study :

A study of available sports infrastructure and sports facilities in the affiliated colleges of Pune University

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Accepted : August, 2010

Sport is essential for harmonious physical and mental development. Sport has now become an integral part of life for large sector of the population. Sports associations throughout the world boost millions of members, of which the majority of young people making sport by far the most popular international folk movement. Sport may be either a means of keeping fit, or it may be purely competitive. Some branches of sport are physically demanding such as marathons, others required precise muscular coordination, e.g. - shooting, golf, archery, billiards etc.

However, the picture of Indian educational institutions from primary level to college level appears to be gloomy. The participations of students in the various competitions at Tehasil level, District level, Divisional level and State level tournaments for school male and female and also at inter collegiate and inter-zonal level competition events is poor. Numbers of spectators have increased day by day, on the other hand the number of participants are decreasing day by day. Only few students and players are participating regularly on grounds.

Objective of the study:

To find out the availability of sports equipments and allied sports facilities in the affiliated colleges of Pune University.

Hypothesis :

H1: According to the researcher, there may be enough sports facilities related with the infrastructure and game.

METHODOLOGY

This is a descriptive study in nature. The researcher has applied survey type method for this study. The data were collected from

the sources like the Zonal sports committee records and reports, College sports records and reports of affiliated colleges.

Population:

Non-professional affiliated colleges of University of Pune were included for the study.

Sample 1 :

The Director of Physical Education and Principals of selected non-professional colleges affiliated to University of Pune.

Tools:

To collect the data, the following tools were used:

(a) Questionnaires had been sent to the Principals and Physical Education teachers of all the affiliated non-professional colleges of Pune University.

Visits (observations):

All important sports events of inter collegiate of all four zones under University of Pune were covered in order to get relevant data.

Analysis of the data:

The data were analyzed using descriptive statistical techniques.

Analysis and interpretation:

The collected data through different tools have been classified into different categories and are shown (indicated) in the different appropriate tables. Questionnaire for Director of Physical Education and Principals of non-professional colleges have been used in the first part. The data collected from the Director of Physical Education and Principals are placed in

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Key words :

Infrastructure,
Sports facilities

different tables for the study.

Personal and college information Data of Director of Physical Education of the affiliated colleges:

The respondents were required to supply the personal data regarding their gender, age, educational qualification, tenure of service, job satisfaction level, participation in sports activities in school and college levels, and various other information related to college and sports participation of students of the colleges.

Available sports infrastructure and sports facilities in the affiliated colleges:

Table 1 and Fig. 1 show that 34.00% colleges have multi purpose hall facility, 47.00% colleges have gymnasium facility, 08.00% colleges have stadium / sport

pavilion in their premises and only 05.00% colleges have swimming pool facility.

This indicates that the available sports infrastructure and sports facilities were not adequate in the colleges under study.

Available running track and its type in the affiliated colleges:

Table 2 and Fig. 2 show that only 34.00% colleges have 200 meters running track. This also highlights that synthetic track was not available in any college, 01.00% colleges have cinder track, 04.00% colleges have clay track while 29.00% colleges have mud track. This indicates that the majority of colleges were not having the running track facility available in their colleges.

Table 3 and Fig. 3 show that only 34.00% colleges

Table 1 : Available sports infrastructure and sports facilities in the affiliated colleges under study:

Sr. No.	Name of the zone	Multi purpose hall	Swimming pool	Gymnasium	Stadium / sports pavilion
1.	Pune City	08	01	11	06
2.	Pune District	10	01	18	01
3.	Ahmednagar	11	01	12	---
4.	Nashik	05	02	06	01
	Total	34	05	47	08
	%	34.00	05.00	47.00	08.00

Table 2 : Availability of 200 M. running track and its type in the affiliated colleges under study

Sr. No.	Name of the zone	Type of track				Total	%
		200 M					
		Synthetic	Cinder	Clay	Mud		
1.	Pune City	---	---	01	04	05	33.33
2.	Pune District	---	01	01	11	13	41.94
3.	Ahmednagar	---	---	01	08	09	31.03
4.	Nashik	---	---	01	06	07	28.00
	Total	---	01	04	29	34	34.00
	%	00.00	01.00	04.00	29.00	34.00	---

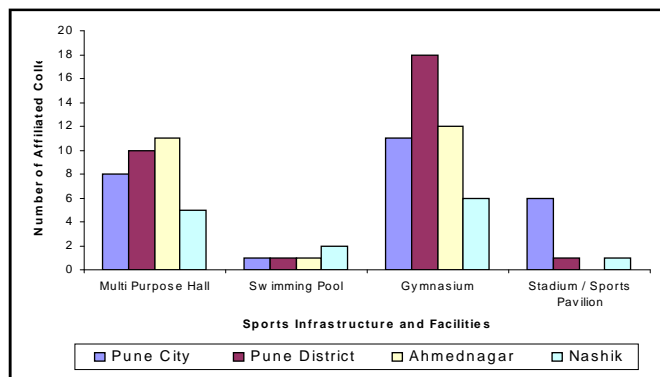


Fig. 1 : Available sports infrastructure and sports facilities in the affiliated colleges

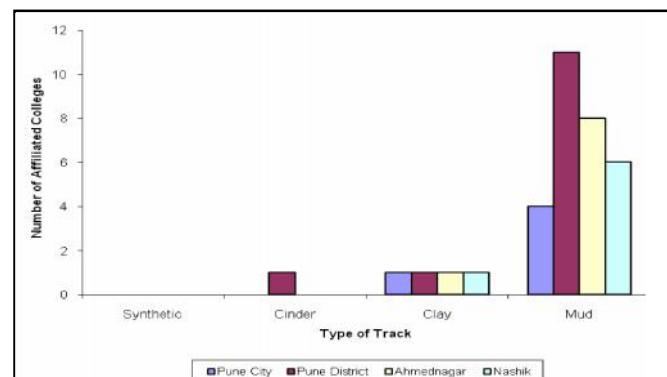


Fig. 2 : Type of 200 meters track available in the affiliated colleges

have 400 meters running track. The synthetic track, which is very much essential for national and international competitions, was not available with any college, only 01.00% colleges have cinder track, 13.00% colleges have clay track, while 20.00% colleges have mud track.

This indicates that majority of the colleges did not have running track facility in their colleges.

Play fields and sports equipments available in the affiliated colleges:

Table 4 and Fig. 4 show that 64.00% colleges have provided chess facility, 43.00% colleges have best physique and weight lifting and wrestling facilities and

only 40.00% colleges have yogasanas facility. Where as only 01.00% colleges have boxing, 03.00% have pistol and air rifle shooting facilities and 08.00% were with gymnastics facility.

Table 5 and Fig. 5 show that 53.00% colleges have table tennis facility and only 27.00% colleges have badminton facility, however Squash racket facility was not available in any college.

Table 6 and Fig. 6 show that 40.00% colleges have athletic facility and only 18.00% colleges have malkhamb and rope malkhamb facility, where as only 06.00% colleges have archery, cycling facility, and only 01.00% colleges have rowing facility and 03.00% colleges have swimming

Table 3 : Availability of 400 M. running track and its type in the affiliated colleges under study

Sr. No.	Name of the zone	Type of track 200 M				Total	%
		Synthetic	Cinder	Clay	Mud		
1.	Pune City	---	---	---	05	05	33.33
2.	Pune District	---	---	04	02	06	19.35
3.	Ahmednagar	---	01	06	06	13	44.83
4.	Nashik	---	---	03	07	10	40.00
	Total	---	01	13	20	34	34.00
	%	00.00	01.00	13.00	20.00	34.00	

Table 4 : Availability of play fields and equipments in the affiliated colleges under study for indoor sports individual events

Sr. No.	Name of the event	Play fields and equipments				Total	%
		Pune City	Pune District	Ahmednagar	Nashik		
1.	Best physique, Power lifting and Weight lifting	09	13	12	09	43	43.00
2.	Boxing	01	00	00	00	01	01.00
3.	Chess	13	20	16	15	64	64.00
4.	Gymnastic	02	02	02	02	08	08.00
5.	Judo	07	08	08	08	31	31.00
6.	Pistol shooting and Air rifle Peep sight	00	00	01	02	03	03.00
7.	Wrestling	06	15	13	06	40	40.00
8.	Yogasanas	08	15	08	09	40	40.00

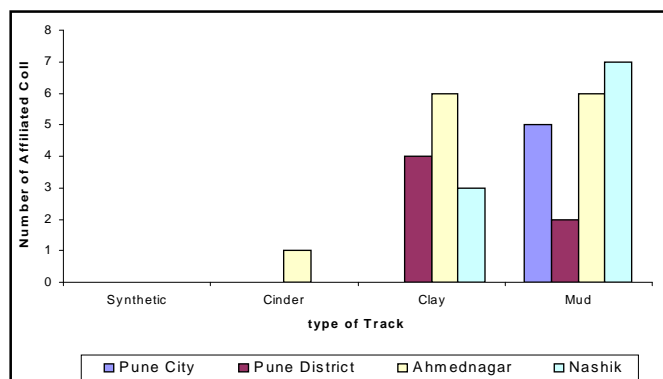


Fig. 3 : Type of 400 M. track available in the affiliated colleges

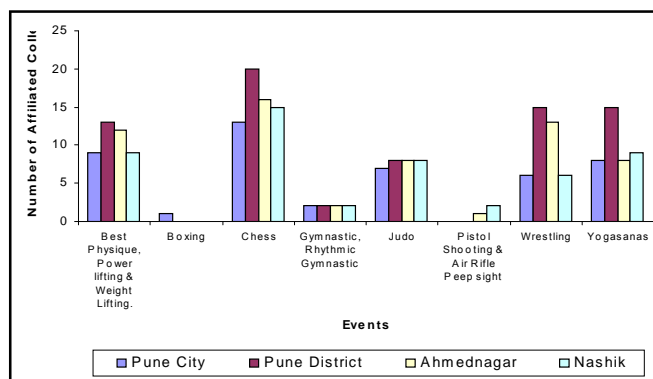


Fig. 4 : Availability of play fields and equipments for the indoor individual events

Table 5 : Availability of play fields and equipments

Sr. No.	Name of the event	Play fields and equipments				Total	%
		Pune City	Pune District	Ahmednagar	Nashik		
1.	Badminton	03	09	11	04	27	27.00
2.	Squash racket	00	00	00	00	00	00.00
3.	Table tennis	13	13	15	12	53	53.00

Table 6 : Availability of play fields and equipments for outdoor sports individual events

Sr. No.	Name of the event	Play fields and equipments				Total	%
		Pune City	Pune District	Ahmednagar	Nashik		
1.	Archery	02	00	02	02	06	06.00
2.	Athletic, Half marathon and Walking	09	12	12	07	40	40.00
3.	Cross country	08	11	12	08	39	39.00
4.	Cycling	00	00	00	00	00	00.00
5.	Malkhamb and Rope malkhamb	05	04	06	03	18	18.00
6.	Rowing	00	00	00	01	01	01.00
7.	Swimming and diving	01	01	01	00	03	03.00

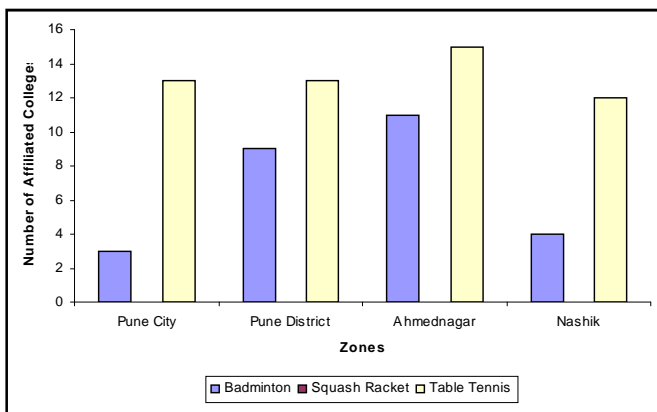


Fig. 5 : Availability of play fields and equipments for the indoor team events

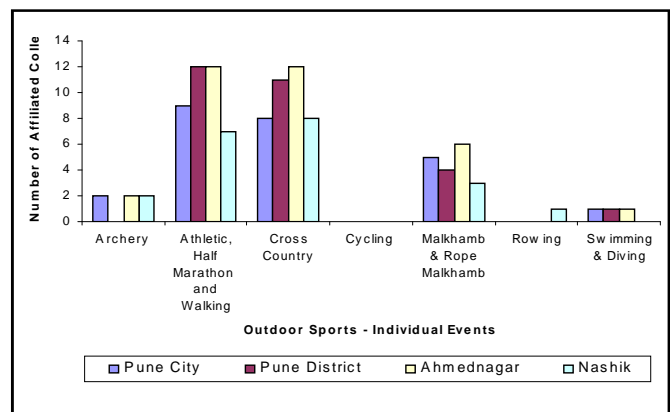


Fig. 6 : Availability of play fields and equipments for the outdoor individual events

and diving facilities.

Table 7 and Fig. 7 show that 85.00% colleges have volleyball facility, where as cricket, kabaddi, kho-kho facilities were available in more than 50.00% colleges, facility of lawn tennis was observed to be very less as compared to other events.

Conclusion:

It was observed that the following observations were seen regarding the availability of play fields and equipments in the colleges as:

Indoor sports :

Individual events:

It was observed that 64% college had chess facility, only 01% college had boxing facility, 03% had air rifle and pistol shooting facilities and only 08% were with

gymnasium facility. It was also found that 43% college had weight lifting and power lifting facilities and only 40% college extended have Yoga facility.

Team events:

It was observed that 53% college had table tennis facility and only 27% colleges had badminton facility; however Squash racket facility was not available in any college.

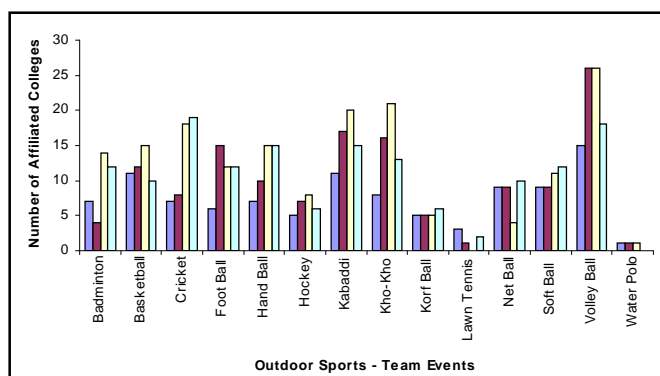
Outdoor sports :

Individual events:

It was observed that 38% colleges had athletic facility, 18% college had mallakhamb and rope mallakhamb facility, 01% college had rowing facility and 03% colleges extended swimming facility.

Table 7 : Availability of play fields and equipments outdoor sports team events

Sr. No.	Name of the event	Play fields and equipments				Total	%
		Pune City	Pune District	Ahmednagar	Nashik		
1.	Badminton	07	04	14	12	37	37.00
2.	Basketball	11	12	15	10	48	48.00
3.	Cricket	07	08	18	19	52	52.00
4.	Foot ball	06	15	12	12	45	45.00
5.	Hand ball	07	10	15	15	47	47.00
6.	Hockey	05	07	08	06	26	26.00
7.	Kabaddi	11	17	20	15	63	63.00
8.	Kho-Kho	08	16	21	13	58	58.00
9.	Korf ball	05	05	05	06	21	21.00
10.	Lawn tennis	03	01	00	02	07	07.00
11.	Net ball	09	09	04	10	32	32.00
12.	Soft ball	09	09	11	12	41	41.00
13.	Volley ball	15	26	26	18	85	85.00
14.	Water polo	01	01	01	00	03	03.00

**Fig. 7 : Availability of play fields and equipments for the outdoor team events****Team events:**

It was observed that 85% colleges had volleyball facility and more than 50% college had cricket, kabaddi, kho-kho facilities and lawn tennis facility was observed to be very less as compared to other events.

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