SUMMARY, CONCLUSION AND RECOMMENDATION

Summary

The purpose of the study was to evaluate the sport facilities at selected Central, State and Private Universities of North India.

The study was delimited to the selected Central, State and Private Universities of North India. Selected universities names were given below:

- **Central Universities** –
  1. Central University of Bihar, Bihar
  2. Delhi University, Delhi
  3. Central University of Gujrat, Gujrat
  4. Central University of Haryana, Haryana
  5. Central University of Himachal Pradesh, Himachal Pradesh
  6. Central University of Punjab, Punjab
  7. Central University of Rajasthan, Rajasthan
  8. Banaras Hindu University, Varanasi, Uttar Pradesh
  9. Hemwati Nandan Bahuguna University, Garhwal, Uttarakhand
  10. Central University of Kashmir, Jammu & Kashmir

- **State Universities** –
  1. The Maharaja Sayajirao University of Baroda, Gujrat
  2. Punjabi University, Punjab
  3. Saurashtra University, Gujrat
  4. Kurukshetra University, Haryana
  5. Himachal Pradesh University, Himachal Pradesh
  6. University of Jammu, Jammu & Kashmir
  7. University of Kashmir, Jammu & Kashmir
  8. University of Rajasthan, Rajasthan
  9. Chhatrapati Shahu Ji Maharaj University, Uttar Pradesh
  10. Punjab University, Chandigarh
• **Private Universities** –
  
  i. Maharshi Markandeshwar University, Haryana  
  ii. Dev Sanskriti Vishwavidyalaya, Uttarakhand  
  iii. Lovely Professional University, Punjab  
  iv. Shri Jagdishprasad Jhabarmal Tibrewala University, Rajasthan  
  v. Amity University, Noida  
  vi. Ganpat University, Gujrat  
  vii. Chitkara University, Himachal Pradesh  
  viii. Babu Banarasi Das University, Uttar Pradesh  
  ix. Swami Vivekanand Subharti University, Uttar Pradesh  
  x. Shiv Nadar University, Uttar Pradesh

The study was further delimited to the sports facilities at selected Central, State and Private Universities of North India.

Selected Universities of North India covers various states and union territories such as Jammu & Kashmir, Himachal Pradesh, Uttarakhand, Haryana, Punjab, Delhi, Chandigarh, Rajasthan, Uttar Pradesh, Bihar and Gujrat. These states and union territories are the part of North India.

The questionnaire technique was employed to collect the necessary data from the Director, Deputy Director, Registrar, Assistant Registrar and Head of the Department, Department of Physical Education and Sports at selected Central, State and Private Universities of North India. Research scholar personally visited different Universities and held discussions with various experts and persons concerned, which helped in collection of necessary information. The format of questionnaire was given below:-
QUESTIONNAIRE FOR SPORTS FACILITIES AVAILABLE

Name…………………………………………………………

Qualification………………………………………………

Mobile No. …………………………………………………

Email ID……………………………………………………

Name and Place of the University:

Affiliation from U.G.C. Yes/No.

1. Detail about Faculty Members:

   a. Director Sports

      Name and Qualification………………………………………………

   b. Deputy Director Sports

      Name and Qualification………………………………………………

   c. Assistant Director Sports

      Name and Qualification………………………………………………

      Name and Qualification………………………………………………

   d. No of Coaches and Trainers……………………………………

2. Number of Play Field available in your University for Major Games and Sports.

   i. Football Fields………………………………

   ii. Hockey Fields

      (a) Grassy………………… (b) Clay ………… (c) Artificial………………

   iii. Cricket Grounds………………… Practice Pitches…………………
iv. Basketball Courts:
   (a) Wooden .......... (b) Cemented Courts.......... (c) Clay.........

v. Badminton Courts
   (a) Wooden.........(b) Cemented Courts..........(c) Clay.........

vi. Volleyball Courts
   (a) Wooden .......... (b) Clay............

vii. Handball Courts .....................

viii. Squash Courts.........................

ix. Lawn Court Courts....................

x. Kabaddi Courts.........................

xi. Kho-Kho Courts......................

xii. Athletics Track and Field
    (a) 200 mts............... (b) 400 mts....................

3. Do you have Standard Gymnasium Hall?

4. Do you have Standard Swimming Pool? (YES) If Yes,
   (i) 25 mts. or (ii) 50 mts.

5. Do you have Indoor Hall Facility? (YES/NO).

6. Do you have Intramural Facility? (YES/NO).

7. Do you have Extramural Facility? (YES/NO).

8. Are the play field properly fenced/walled/caged?

9. If your University is co-educational, are there any separate facilities of sports and games for girls? (YES/NO)
10. Budget Allocated for Sports. (YES/NO)

11. Physical Education Courses offered inside University Campus.
   a. D.P. Ed.
   b. B.P. E.
   c. B.P. Ed.
   d. M.P. E.
   e. M.P. Ed.
   f. M. Phil.
   g. Ph.D.

12. Total no. of faculty members in Department of Physical Education and Sports.

13. Teaching Faculty Deployed for Physical Education and Sports.
   a. Full Time  b. Part Time   C. Guest Faculty

14. No of teams participated in AIU games and sports in last session.
   (a) Men…………………
   (b) Female………………

Date: …………… Signature……………………………
The questionnaire was framed and constructed under the supervision and in consultation with the guide and well qualified and experienced faculty of Physical Education and Sports and utmost care and seriousness was employed.

Taking into consideration the maximum coverage of the area that was surveyed great attention was paid to all relevant aspects of the study, so as to get maximum worthwhile and meaningful responses from the subjects. Further the construction and the arrangement of questions was made in logical way so that sequence in the response statements would be readily available in an orderly manner. Attempts were made to make the questions simple, clear and relevant leaving no room for ambiguity of vagueness.

The copies of questionnaire were distributed to thirty University Director, Deputy Director, Registrar, Assistant Registrar and Head of the Department, Department of Physical Education and Sports with the request to give correct and accurate answers. These questionnaires were sent to all respondents and received by post and the researcher himself had visited some place to collect personally.

The researcher made personal approach to the respondents during various University tournaments and on other academic events and requested them to provide the desired information. Motivational measure promised to ensure better response. An assurance was given to keep all the received information confidential. The scholar, assured to all the respondents to supply a copy of the summary of the findings.

The responses obtained from different University Director, Deputy Director, Registrar, Assistant Registrar and Head of the Department, Department of Physical Education and Sports at selected Central, State and Private Universities of North India were converted into percentage. For the purpose of analyses and interpretation of the findings and descriptive statistics was used.
CONCLUSIONS

1. Banaras Hindu University was the first Central University which was established in the year 1916.

2. Rajasthan University was the first State University which was established in the year 1947.

3. Dev Sanskrit Vishwavidyalaya was the first Private University which was established in the year 2002.

4. All selected Universities i.e. Central Universities, State Universities and Private Universities have affiliated by U.G.C.

5. State Universities (MSUB, PU, SU, KU, JU, RU, CSJMU and PU) have highest 09 (nine) Director of Sports while Central Universities (CUB, DU, CHU, BHU AND HNBU) and Private Universities (DSV, LPU, AU, BBDU, SVSU and SHU) both have 05 (five) and 06 (six) of Director of Sports.

6. Only State Universities (Punjabi University and Punjab University) have Deputy Director of Sports while Central Universities and Private Universities both don’t have Deputy Director of Sports.

7. State Universities (MSUB, KU, JU, KU and PU) have highest 10 (ten) Assistant Directors of Sports while Central Universities (Central University of Bihar) and Private Universities (Amity University and Ganpat University) both have 01 (one) and 03 (three) Assistant Director of Sports.

8. Private Universities (DSV, LPU, AU, GU and SNU) have highest 25 (twenty five) number of Coaches of Sports in comparison to Central Universities (CUB, BHU and HNBU) have 17 (seventeen) and State Universities (PU, SU, KU, JU, KU and CSJMU) 19 (nineteen) of North India.

9. Private Universities (DSV, LPU, AU, GU and SNU) have highest number of Coaches of Sports in comparison to Central Universities (CUB, BHU and HNBU) and State Universities (PU, SU, KU, JU, KU and CSJMU) of North India.

10. State Universities (PU, SU, KU, JU, KU and CSJMU) and Private Universities (DSV, LPU, AU, GU and SNU) both have equal 11 (eleven) number of trainers of sports while Central Universities (CUB, BHU and HNBU) have 08 (eight) trainers of sports.
11. Central Universities (CUB, DU, CUG, CUH, CUHP, CUP, CUR, BHU and HNBU) have maximum 15 (fifteen) Football grounds while State Universities (MSUB, PU, SU, KU, HPU, JU, RU, CSJMU and PU) and Private Universities (MMU, DSV, LPU, SJJTU, AU, GU, CU, BBDU, SVSU and SNU) both have 14 (fourteen) and 12 (twelve) Football grounds.

12. Private Universities (MMU, DSV, LPU, SJJTU, AU, GU, CU, BBDU, SVSU and SNU) have maximum 12 (twelve) Hockey grounds (grassy and clay both) while Central Universities (CUB, DU, CUH, CUHP, CUP, CUR, BHU and HNBU) and State Universities (MMU, DSV, LOU, SJJTU, AU, GU, CU, BBDU, SVSU and SNU) both have 11 (eleven) grassy and 10 (ten) grassy Hockey grounds.

13. State Universities (MSUB, PU, SU, KU, HPU, JU, RU, CSJMU and PU) have maximum number of Cricket grounds in comparison to Central Universities (CUB, DU, CUG, CUH, CUHP, CUP, CUR, BHU and HNBU) and Private Universities (MMU, DSV, LPU, SJJTU, AU, GU, CU, BBDU, SVSU and SNU) of North India.

14. State Universities (MSUB, PU, SU, KU, HPU, JU, RU, CSJMU and PU) have maximum number of Cricket Practice Pitches in comparison to Central Universities (CUB, DU, CUG, CUH, CUHP, CUP, CUR, BHU and HNBU) and Private Universities (MMU, DSV, LPU, SJJTU, AU, GU, CU, BBDU, SVSU and SNU) of North India.

15. Private Universities (MMU, DSV, LPU, SJJTU, AU, GU, CU, BBDU, SVSU and SNU) have maximum 19 (nineteen) Basketball Courts (wooden and cemented both), while Central Universities (CUB, DU, CUG, CUH, CUHP, CUP, CUR, BHU and HNBU) have 15 (fifteen) Basketball Courts (wooden and cemented both) and State Universities (MMU, PU, SU, KU, HPU, JU, RU, CSJMU and PU) have 18 (eighteen) Basketball Courts (wooden and cemented both), but no Universities have clay Basketball Courts.

16. Private Universities (MMU, DSV, LPU, SJJTU, AU, GU, CU, BBDU, SVSU and SNU) have maximum 26 (twenty six) Badminton Courts (wooden and cemented both), while Central Universities (CUB, DU, CUG, CUH, CUHP, CUP, CUR, BHU and HNBU) have 20 (twenty) Badminton Courts (wooden and cemented both) and State Universities (MSUB, PU, SU, KU, HPU, JU, RU,
RU, CSJMU and PU) have 19 (nineteen) Badminton Courts (wooden and cemented both), but no Universities have clay Badminton Courts.

17. State Universities (MSUB, PU, SU, KU, HPU, JU, KU, RU, CSJMU and PU) have maximum 27 (twenty seven) Volleyball Courts (wooden and clay both), while Central Universities (CUB, DU, CUG, CUH, CUHP, CUP, CUR, BHU and HNBU) have 16 (sixteen) Volleyball Courts (only clay) and Private Universities (MMU, DSV, LPU, SJJTU, AU, GU, CU, BBDU, SVSU and SNU) have 21 (twenty one) Volleyball Courts (only clay).

18. Private Universities (MMU, DSV, LPU, SJJTU, AU, GU, CU, BBDU, SVSU and SNU) have maximum number of Handball courts in comparison to Central Universities (DU, CUH, CUHP, CUP, CUR, BHU and HNBU) and State Universities (MSUB, PU, SU, KU, HPU, JU, KU, RU, CSJMU and PU).

19. Private Universities (MMU and AU) have 03 (three) maximum number of Squash courts while Central Universities (Banaras Hindu University) have 02 (two) Squash courts and State Universities don’t have Squash Courts.

20. State Universities (MSUB, PU, SU, KU, JU, KU, RU, PU) have maximum 31 (thirty one) Lawn Tennis Courts (cemented, clay and grassy), Central Universities (BHU and HNBU) have 03 (three) Lawn Tennis Courts (cemented and clay both) and Private Universities (MMU, DSV, LPU, SJJTU, AU, GU, SVSU and SNU) have 14 (fourteen) Lawn Tennis Courts (cemented only).

21. State Universities (MSUB, PU, SU, KU, HPU, JU, KU, RU, CSJMU and PU) have 16 (sixteen) maximum number of Kho-Kho courts while Private Universities (MMU, DSV, LPU, SJJTU, AU, GU, CU, BBDU, SVSU and SNU) and Central Universities (CUB, DU, CUG, CUH, CUHP, CUP, CUR, BHU and HNBU) have 13 (thirteen) and 12 (twelve) number of Kho-Kho courts.

22. State Universities (MSUB, PU, SU, KU, HPU, JU, KU, RU, CSJMU and PU) have 16 (sixteen) maximum number of Kabaddi courts while Private Universities (MMU, DSV, LPU, SJJTU, AU, GU, CU, BBDU, SVSU and SNU) and Central Universities (CUB, DU, CUG, CUH, CUHP, CUP, CUR, BHU and HNBU) have 14 (fourteen) and 13 (thirteen) number of Kabaddi courts.
23. Central Universities (CUB, DU, CUH, CUHP, CUP, CUR, BHU and HNBU) and Private Universities (MMU, DSV, LPU, SJJTU, AU, GU, BBDU, SVSU and SNU) both have 11 (eleven) 400 Mts. Athletics Track, while State Universities (MSUB, PU, SU, KU, HPU, JU, KU, RU, CSJMU and PU) have 10 (ten) 400 Mts. Athletics Track and no Universities have 200 Mts. Athletics Track.

24. State Universities (MSUB, KU, RU, CSJMU and PU) have 05 (five) maximum number of Standard Gymnasium Hall while Central Universities (CUB, CUP, BHU and HNBU) have 04 (four) Standard Gymnasium Hall and Private Universities (AU and SVSU) 02 (two) Standard Gymnasium Hall.

25. All selected State Universities (MSUB, PU, SU, KU, HPU, JU, KU, RU, CSJMU and PU) have indoor hall facility while only 04 (four) Central Universities (CUB, DU, BHU and HNBU) and 05 (five) Private Universities (LPU, SJJTU, AU, BBDU and SVSU) have indoor hall facility.

26. State Universities (MSUB, KU and RU) have maximum 03 (three) Swimming Pool (25 mts. and 50 mts. both), Central Universities (Banaras Hindu University) have only 01 (one) Swimming Pool (50 Mts.) and Private Universities (MMU and AU) have 02 (two) Swimming Pool (25 mts. and 50 mts. both).

27. State Universities (MSUB, PU, SU, KU, HPU, JU, KU, RU, CSJMU and PU) and Private Universities (MMU, DSV, LPU, SJJTU, AU, GU, CU, BBDU, SVSU and SNU) both have 10 (ten) number of fenced/walled/caged play grounds/courts while Central Universities (CUB, DU, BHU and HNBU) have 09 (nine) number of fenced/walled/caged play grounds/courts.

28. All selected State Universities (MSUB, PU, SU, KU, HPU, JU, KU, RU, CSJMU and PU) have intramural facility while only 04 (four) Central Universities (CUB, DU, BHU and HNBU) and 05 (five) Private Universities (LPU, SJJTU, AU, BBDU and SVSU) have intramural facility.

29. All selected State Universities (MSUB, PU, SU, KU, HPU, JU, KU, RU, CSJMU and PU) have extramural facility while only 04 (four) Central Universities (CUB, DU, BHU and HNBU) and 05 (five) Private Universities (LPU, SJJTU, AU, BBDU and SVSU) have extramural facility.
30. All selected Universities i.e. Central Universities, State Universities and Private Universities have co-education facility.

31. All selected State Universities (MSUB, PU, SU, KU, HPU, JU, KU, RU, CSJMU and PU) have separate facility for girls while only 04 (four) Central Universities (CUB, DU, BHU and HNBU) and 05 (five) Private Universities (LPU, SJJTU, AU, BBDU and SVSU) have separate facility for girls.

32. All selected State Universities (MSUB, PU, SU, KU, HPU, JU, KU, RU, CSJMU and PU) have provision of budget for games and sports while only 04 (four) Central Universities (CUB, DU, BHU and HNBU) and 05 (five) Private Universities (LPU, SJJTU, AU, BBDU and SVSU) have provision of budget for games and sports.

33. All selected State Universities (MSUB, PU, SU, KU, HPU, JU, KU, RU, CSJMU and PU) have physical education courses while only 03 (three) Central Universities (DU, BHU and HNBU) have B.P. Ed., M.P. Ed. & Ph.D. course and 05 (five) Private Universities (LPU, SJJTU, AU, BBDU and SVSU) have physical education courses.

34. All selected State Universities (MSUB, PU, SU, KU, HPU, JU, KU, RU, CSJMU and PU) have faculty members of physical education and sports while only 04 (four) Central Universities (CUB, DU, BHU and HNBU) have faculty members of physical education and sports and 05 (five) Private Universities (LPU, SJJTU, AU, BBDU and SVSU) have faculty members of Physical Education and sports.

35. All selected State Universities (MSUB, PU, SU, KU, HPU, JU, KU, RU, CSJMU and PU) have full time teaching faculty deployed for physical education and sports while only 04 (four) Central Universities (CUB, DU, BHU and HNBU) have full time teaching faculty deployed for physical education and sports and 05 (five) Private Universities (LPU, SJJTU, AU, BBDU and SVSU) have full time teaching faculty deployed for Physical Education and sports.

36. All selected State Universities (MSUB, PU, SU, KU, HPU, JU, KU, RU, CSJMU and PU) have both men and women teams participated in A.I.U. Games and Sports while only 03 (three) Central Universities (DU, BHU and HNBU) have both men and women teams participated in A.I.U. Games and Sports.
Sports and 04 (four) Private Universities (LPU, AU, BBDU and SVSU) have both men and women teams participated in A.I.U. Games and Sports.
RECOMMENDATIONS

On the basis of the findings of the present study, the following recommendations are made.

1) Similar study may be conducted at school level.

2) Study may be replicated taking selected different colleges of North India.

3) Similar studies may be undertaken in different zones of India.

4) It is recommended that sports facilities at selected Central, State and Private Universities of North India should be increased.

5) It is also recommended that the post of Director of Physical Education is must in all Central, State and Private Universities of North India.