CHAPTER VI

SUMMARY AND CONCLUSIONS

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6. The postgraduate students of the colleges of physical education differ in their co-operation.

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11. Under graduate students of Sri Sarada College of physical education and Department of physical education Annamalai University differ in i) anxiety ii) co-operation iii) Competition iv) motor ability.

12. Under graduate students of Y.M.C.A College of physical education and Department of physical education Alagappa University differ in i) anxiety ii) co-operation iii) Competition iv) motor ability.

13. The Under graduate students of Y.M.C.A College of physical education and Department of physical education Annamalai University differ in i) anxiety ii) co-operation iii) Competition iv) motor ability.

14. The Under graduate students of Department of physical education Alagappa University and Department of physical education Annamalai University differ in i) anxiety ii) co-operation iii) Competition iv) motor ability.
ii) To study the co-operation – competition abilities of the Bachelor’s Degree and Master’s Degree women students of physical education colleges in Tamil Nadu.

iii) To study the Motor Ability of the Bachelor’s Degree and Master’s Degree women students of physical education colleges in Tamil Nadu.

iv) To study the psycho - social correlates of achievement in physical education of the Bachelors degree and Master’s Degree women students of physical education colleges in Tamil Nadu.

6.3 HYPOTHESES OF THE STUDY

1. The undergraduate students of physical education differ in their general anxiety.

2. The undergraduate students of the colleges of physical education differ in their co-operation.

3. The undergraduate students of the colleges of physical education differ in their competition.

4. The undergraduate students of the colleges of physical education differ in their motor ability.

5. The postgraduate students of the colleges of physical education differ in their general anxiety.
6. The postgraduate students of the colleges of physical education differ in their co-operation.

7. The postgraduate students of the colleges of physical education differ in their competition.

8. The Post graduate students of physical education differ in their motor ability.

9. Under graduate students of Sri Sarada College of physical education and YMCA college of physical education differ in i) anxiety ii) co-operation iii) Competition iv) motor ability.

10. Under graduate students of Sri Sarada College of physical education and Department of physical education Alagappa University differ in i) anxiety ii) co-operation iii) Competition iv) motor ability.

11. Under graduate students of Sri Sarada College of physical education and Department of physical education Annamalai University differ in i) anxiety ii) co-operation iii) Competition iv) motor ability.

12. Under graduate students of Y.M.C.A College of physical education and Department of physical education Alagappa University differ in i) anxiety ii) co-operation iii) Competition iv) motor ability.

13. The Under graduate students of Y.M.C.A College of physical education and Department of physical education Annamalai University differ in i) anxiety ii) co-operation iii) Competition iv) motor ability.

14. The Under graduate students of Department of physical education Alagappa University and Department of physical education Annamalai University differ in i) anxiety ii) co-operation iii) Competition iv) motor ability.
22. Students with low co-operation and high co-operation at Under graduate level differ in their motor ability skills.

23. Students with low competition and high competition at Under graduate level differ in their motor ability skills.

24. Students with low anxiety and high anxiety at Post graduate level differ in their motor ability skills.

25. Students with low Co-operation and high Co-operation at Post graduate level differ in their motor ability skills.

26. Students with low competition and high competition at Post graduate level differ in their motor ability skills.

27. Students with low anxiety and high anxiety differ in their motor ability skills.

28. Students with low Co-operation and high Co-operation differ in their motor ability skills.

29. Students with low competition and high competition differ in their motor ability skills.

30. The Under graduate and Post graduate students of the YMCA and Sri Sarada College of physical education differ in their psycho-social variables and motor skills.
1. The undergraduate and postgraduate students of the universities differ in their psycho-social variables and motor skills.

2. The students of the universities and the other institutions at the undergraduate level differ in their psycho-social variable and motor skills.

3. The students of the universities and the other institutions at the postgraduate level differ in their psycho-social variables and motor skills.

4. The students of urban colleges of physical education differ from students of rural colleges of physical education in their psycho-social variables.

5. The undergraduate students of urban colleges of physical education differ from the undergraduate students of rural colleges of physical education in their psycho-social variables.

6. Postgraduate students of urban colleges of physical education differ from the postgraduate students of rural colleges of physical education in their psycho-social variables.

7. The students of co-education colleges of physical education differ from students of women's college of physical education in their psycho-social variables.

8. The postgraduate students of co-education colleges of physical education differ from postgraduate students of women's college of physical education in their psycho-social variables.
The undergraduate students of co-education colleges of physical education differ from the undergraduate students of women's college in their psycho-social variables.

There is correlation between anxiety and co-operation of the undergraduate students of physical education.

There is correlation between anxiety and competition of the undergraduate students of physical education.

There is correlation between anxiety and motor ability of the undergraduate students of physical education.

There is correlation between co-operation and competition of the undergraduate students of physical education.

There is correlation between competition and motor ability of the undergraduate students of physical education.

There is correlation between anxiety and co-operation of the undergraduate students of physical education.

There is correlation between anxiety and competition of the postgraduate students of physical education.
48. There is correlation between, anxiety and motor ability of the Post graduate students of physical education.

49. There is correlation between, co-operation and competition of the Post graduate students of physical education.

50. There is correlation between, co-operation and motor ability of the Post graduate students of physical education.

51. There is correlation between, competition and motor ability of the Post graduate students of physical education.

52. There exists relationship between course of study and motor ability subskill 3

53. There exists relationship among course of study competition and total motor ability.

54. There exists relationship among Institutions course of study, competition and the motor ability subskills m1.

6.4 METHODOLOGY

Two types of variables, dependent and independent are included in this study. Dependent variable of the study is the motor ability score of the students. Independent variables are anxiety, co-operation and competition.
DATA GATHERING TOOLS

To measure the dependent variable, the Student Motor Ability Test was conducted.

SAMPLE

The sample of students was drawn from two colleges of physical education and two University Department of physical education. The total sample is 210.

6.5 SUMMARY OF FINDINGS

1. The undergraduate students of the colleges of physical education do differ in their general anxiety.

2. The Undergraduate students of the colleges of physical education do differ in their co-operation.

3. The Undergraduate students of the colleges of physical education do differ in their competition.

4. The Undergraduate students of the colleges of physical education do not differ in their motor ability.

5. The Postgraduate students of the colleges of physical education differ in their general anxiety.

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The Postgraduate students of the colleges of physical education do differ in their Co-operation.

The Postgraduate students of the colleges of physical education do differ in their Competition.

The Postgraduate students of the college of physical education do not differ in their motor ability.

The undergraduate students of Sri Sarada College of physical education and YMCA college of physical education do not differ in Co-operation while they differ in anxiety, competition and motor ability.

The Undergraduate students of Sri Sarada College of physical education and Department of physical education Alagappa University do not differ in i) Anxiety ii) Co-operation iii) Competition iv) Motor ability.

The undergraduate students of Sri Sarada College of physical education and department of physical education Annamalai University differ in Co-operation and Competition. The undergraduate students of Sri Sarada College of physical education and Department of physical education, Annamalai University do not differ in anxiety and motor ability.

Undergraduate students of Y.M.C.A College of physical education and Departmental of physical education Alagappa University differ in general anxiety and motor ability. The undergraduate students of Y.M.C.A College of physical education and Department of physical education Alagappa University do not differ in co-operation and competition.
18. 1. Post graduate students of YMCA College of physical education and Department of physical education, Alagappa University differ in anxiety.

2. The Post graduate students of YMCA College of physical education and Department of physical education, Alagappa University differ in co-operation, competition and motor ability.

19. 1. The Post graduate students of YMCA College of physical education and Department of physical education Annamalai University differ in anxiety and co-operation.

2. The Post graduate students of YMCA College of physical education and Department of physical education Annamalai University do not differ in competition and motor ability.

20. 1. The Post graduate students of Department of physical education Alagappa University and Department of physical education Annamalai University differ in anxiety.

2. The Post graduate students of Department of physical education Alagappa University and Department of physical education Annamalai University do not differ in co-operation, competition and motor ability.

21. 1. Students with low anxiety and high anxiety at Undergraduate level do differ in the first subskill of motor ability viz. obstacle race.

2. Students with low anxiety and high anxiety do not differ in all the other subskills of motor ability.
2. Students with low competition and high competition at undergraduate level do not differ in the first subskill of motor ability viz. obstacle race.

3. Students with low competition and high competition do not differ in all the other subskills of motor ability.

4. Students with low anxiety and high anxiety at Post graduate level differ in their motor ability skills.

5. Students with low co-operation and high co-operation at Post graduate level differ in their motor ability skills.

6. Students with low competition and high competition at Post graduate level differ in their motor ability skills.

7. 1. Students with low anxiety and high anxiety differ in the first subskill of motor ability, namely obstacle race.

2. Students with low anxiety and high anxiety do not differ in the other four subskills of motor ability.

28. 1. Students with low co-operation and high co-operation differ in the motor ability subskills namely a) obstacle race b) basket ball c) standing broad jump.

2. Students with low co-operation and high co-operation do not differ in their motor ability subskills viz. d) ball pass and 3) 4-second dash.
Students with low competition and high competition differ in the first subskill of motor ability, namely obstacle race.

Students with low competition and high competition do not differ in the other four subskills of motor ability.

The undergraduate and Post graduate students of the IIT A and M, Jadavpur college of physical education do differ in their general anxiety submotor skill obstacle race and total motor skills.

The undergraduate and Post graduate students of the IIT A and M, Jadavpur college of physical education do not differ in their co-operation, competition and the motor subskills m2, m3 and m4.

The undergraduate and Post graduate students of the Universities do not differ in their anxiety and co-operation.

The undergraduate and Post graduate students of the Universities do not differ in their competition and motor skills.

The students of the Universities and the other Institutions at the undergraduate level differ in their psycho-social variables and sub motor skill obstacle race and total motor skill.

The students of the Universities and the other Institutions at the undergraduate level do not differ in their sub motor skills m2, m3, m4 and m5.

The students of the Universities and the Institutions differ in their

a) competition
b) motor subskills obstacle race and standing broad jump
together with total motor ability.
The students of the Universities and the Institutions do not differ in their anxiety, co-operation and the sub motor skills m2, m4 and m5.

The students of urban colleges of physical education do not differ in their motor ability sub skills m2, m3, m4 and m5 from the rural college students.

The students of urban colleges of physical education do differ in their anxiety, co-operation, competition total motor ability skill and sub skill m1 from the rural colleges students.

The students of urban colleges of physical education do not differ in their motor ability sub skills m2, m3, m4 and m5 from the rural college students.

The students of urban colleges of physical education do differ in their anxiety, co-operation, competition total motor ability skill and sub skill m1 from the rural colleges students.

The Post graduate students of urban colleges of physical education differ from the post graduate students of rural colleges of physical education in their psycho social variables.

The Post graduate students of urban colleges of physical education do not differ from the Post graduate students of rural colleges of physical education in their motor ability skills.
1. The post graduate students of Co-education college of physical education differ from the Women's College students of physical education in their psycho-social variables.

2. The Co-education Colleges students of physical education do not differ from the Women's College students of physical education in their motor ability skills.

18 The post graduate students of co-education colleges differ from post graduate students of women's college of physical education in competition and the motor ability skill m3.

2. The post graduate students of co-education colleges do not differ from post graduate students of women's college of physical education in their co-operation, anxiety and other motor ability skills except m3.

40. There is correlation between anxiety and competition of the Undergraduate students of physical education.

41. There is correlation between anxiety and competition of the Undergraduate students of physical education.

42. There exist no correlation between anxiety and motor ability of the Undergraduate students of physical education.

43. There is correlation between co-operation and competition of the Undergraduate students of physical education.

44. There exists no correlation between co-operation and motor ability of the Undergraduate students of the physical education.
45. There is correlation between competition and motor ability of the undergraduate students of physical education.

46. There is correlation between anxiety and co-operation of the undergraduate students of physical education.

47. There exists no correlation between anxiety and competition of the Post graduate students of physical education.

48. There is correlation between anxiety and motor ability of the Post graduate students of physical education.

49. There exists no correlation between co-operation and competition of the Post graduate students of physical education.

50. There exists no correlation between co-operation and motor ability of the Post graduate students of physical education.

51. There is correlation between competition and motor ability of the Post graduate students of physical education.
6.6 IMPLICATIONS OF THE STUDY

Table showing the Mean Anxiety co-operation, competition and motor ability scores of undergraduate students of different colleges of physical education.

<table>
<thead>
<tr>
<th>Institutions</th>
<th>Anxiety</th>
<th>Co-operation</th>
<th>Competition</th>
<th>Motor ability</th>
</tr>
</thead>
<tbody>
<tr>
<td>SSPI</td>
<td>27</td>
<td>22.08</td>
<td>19.7</td>
<td>251.07</td>
</tr>
<tr>
<td>YMCA</td>
<td>8.34</td>
<td>21.70</td>
<td>23.87</td>
<td>268.55</td>
</tr>
<tr>
<td>ALAGAPPA</td>
<td>26.03</td>
<td>21.50</td>
<td>21.90</td>
<td>249.78</td>
</tr>
<tr>
<td>ANNAMALAI</td>
<td>26.40</td>
<td>16.90</td>
<td>17.30</td>
<td>243.43</td>
</tr>
</tbody>
</table>

From the above table it can be inferred that the Mean Co-operation scores of Sri Sarada College of physical education is greater than the mean co-operation scores of the other three colleges of physical education.

Students of YMCA college of physical education are less anxious than the other undergraduate students of different colleges of physical education.

The mean anxiety score of YMCA college of physical education students is less because they are having more exposure, they are in city atmosphere and they get many opportunities to participate in many sports and games. Therefore while participating they are not having that much of anxiety; they know how to control themselves. These may be some reasons for their low anxiety scores.

Among these four sets of students of different colleges of physical education, YMCA students are having better competitive spirit and good in co-
operation. This is a good sign for the physical education students to develop their motor ability skills. Their mean motor ability score is also comparatively higher than other students of physical education colleges. It may due to the fact that they are in urban area.

Table showing the anxiety, co-operation, competition and motor ability scores of post graduate students of different colleges of physical education.

<table>
<thead>
<tr>
<th>Institutions</th>
<th>Anxiety</th>
<th>Co-operation</th>
<th>Competition</th>
<th>Motor ability</th>
</tr>
</thead>
<tbody>
<tr>
<td>SSPI</td>
<td>23</td>
<td>21.625</td>
<td>18.75</td>
<td>257.36</td>
</tr>
<tr>
<td>YMCA</td>
<td>15.74</td>
<td>21.97</td>
<td>23.45</td>
<td>247.44</td>
</tr>
<tr>
<td>AI AGAPPA</td>
<td>22.1</td>
<td>21.5</td>
<td>22.50</td>
<td>248.05</td>
</tr>
<tr>
<td>ANNAMALAI</td>
<td>28.4</td>
<td>20</td>
<td>22.30</td>
<td>246.4</td>
</tr>
</tbody>
</table>

In the case of post graduate students also YMCA students are having less anxiety scores compared to the other physical education college students. They are also having high co-operation and competition scores.

In all the institutions, the undergraduate students seem to be less co-operative than the post graduate students because of the maturity level and the opportunities of participation in sports and games.

Since the course of study in all institutions are similar, they do not differ much in their motor ability. The mean anxiety score of the undergraduate students of Sri Sarada College of physical education is high, it may due to the fact that the Institution is purely women Institution. The religious aspect of the Institution will also make the difference.
The mean competition score of the post graduate students of Sri Sarada College of physical education is less because the opportunities of participation in sports and games is less, they get a few chances to view the TV programmes in sports and games and institution is situated in rural background. The mean competition score of the YMCA students is high. It may due to the fact that the presence and motivation of spectators during competitions within the institutions and as well as outside the institution and they get more chances to view so many matches telecast through different TV channels.

The post graduate students of Sri Sarada College of Physical education and Department of physical education Alagappa University differ in competition because it is an co-educational Institution and Sri Sarada College of physical education is purely women institution.

The post graduate students of Department of physical education Alagappa University and Department of physical education Annamalai University differ in anxiety and they do not differ in co-operation, competition and motor ability. It may due to the fact that both the institutions are University Departments, they are co-educational institutions and they are situated in rural areas.

The post graduate students of YMCA college of physical education and department of physical education Annamalai University differ in anxiety and co-operation because YMCA is a Autonomous College where as Annamalai is University Department. These two institutions do not differ in competition and motor ability. It may due to the fact that they get more chances to participate in sports and games competitions within as well as outside the institutions.
There is correlation between competition and motor ability of the undergraduate students of physical education. At postgraduate level also there is correlation between competition and motor ability. It may due to the reason that the course of study is similar.

6.7 DISCUSSION OF THE STUDY

According to the present study, there exists negative correlation between anxiety and motor ability of the postgraduate students of physical education.

This finding goes hand in hand with the finding of Pandit K.I. study. He has concluded a study on the role of anxiety in learning and academic achievement of children. He also concluded that there exists negative relationship between anxiety and achievement.

The present study reveals that the undergraduate students of YMCA college of physical education have low anxiety scores and high motor ability scores.

In the conclusion of the study, the “Anxiety in non-competitive and pre-competitive situations involving inter-collegiate foot ball players” found that some competitions did well in the games even with high anxiety and that moderate levels of anxiety seemed to elicit increase in performance. This finding is contrary to the findings of the present study.

The present study shows that there exists correlation between competition and motor ability of the postgraduate students of physical education.