8.0 INTRODUCTION:

‘Child’, the wonderful creation of the God, creates miracles in this world. Birth of every child brings millions of hopes, aspirations and happiness for the family to which he belongs. Gradually, the young one enters into this physical world, tries to modify and develop himself in the world. The family, school and society occupy their own important role in nurturing and nourishing the child. Naturally, family is the first school of the child and mother is regarded as his first teacher, who motivates and directs him in the right path of development and success.

Every child is unique in some or other way. Children’s interests, attitude, ambitions and aspirations differ from one person to another. There are so many factors which effect children’s interests, ambitions and aspirations etc. Family, parents, society, teacher all are regarded as important factors. With regard to parents, mother’s role is also very much important. Aspirations of the children are regarded as deep inner hidden ambitions. Tender aspirations of children confirm their future. Here arises the question of different types of aspirations. There are different types of aspirations such as immediate aspirations, remote aspirations, academic aspirations, vocational aspirations, etc. Academic aspirations refer to the aspirations with regard to the academic field. These aspirations confirm his discipline of study. It even helps him in excelling in his academics. In the same way vocational aspirations refers to the aspirations with regard to his occupation or field of work or profession. The inner inclination towards a particular occupation confirms his vocational aspirations. This type of aspirations confirms his interested field of work.
As mentioned above there are so many factors which effect the aspirations of children. In this series mother’s role is really significant. The depth of the relation between the child and mother can not be described in words. Mother has an important role to play in the all round development of the child. If the mother is educated and well aware of the happenings in the world around, then she can guide her child in the right direction. Hence, here an attempt is made to investigate the impact of mother’s education on the academic and vocational aspirations of higher secondary school children studying in CGBSE schools of Raipur.

8.1 THE PROBLEM

“Impact of mother’s education on academic and vocational aspirations of higher secondary school children”

8.2 OBJECTIVES OF THE PRESENT STUDY:

Objectives of the present study are as follows:

- To find out the academic aspirations of 11\textsuperscript{th} grade students of Raipur city, studying in Chhattisgarh Board of Secondary Education.
- To study the effect of mothers’ education on the academic aspirations of 11\textsuperscript{th} graders.
- To study the difference between academic aspirations of children whose mothers’ education is below secondary and higher secondary school education.
- To study the difference between academic aspirations of children whose mothers’ education is below higher secondary school education and Graduation.
- To study the difference between academic aspirations of children whose mothers’ education is below higher secondary school education and Post
Graduation.

- To study the difference between academic aspirations of children whose mothers' education is higher secondary and Graduation.
- To study the difference between academic aspirations of children whose mothers' education is higher secondary and Post Graduation.
- To study the difference between academic aspirations of children whose mothers' education is Graduation and post Graduation.
- To study the difference amongst academic aspirations of children who belong to different faculties.
- To study the difference between academic aspirations of 11th graders who belong to science and commerce group.
- To study the difference between academic aspirations of 11th graders who belong to science and Arts group.
- To study the difference between academic aspirations of 11th graders who belong to commerce and Arts group.
- To study the difference between academic aspirations of total boys and girls.
- To find out the vocational aspirations of 11th grade students of Raipur city, studying in Chhattisgarh Board of Secondary Education.
- To study the effect of mothers' education on the vocational aspirations of 11th graders.
- To study the difference between vocational aspirations of 11th graders whose mothers' education is below secondary and higher secondary.
- To study the difference between vocational aspirations of 11th graders whose mothers' education is below higher secondary and Graduation.
- To study the difference between vocational aspirations of 11th graders whose
mothers' education is below higher secondary and Post Graduation.

- To study the difference between vocational aspirations of 11th graders whose mothers' education is higher secondary and Graduation.
- To study the difference between vocational aspirations of 11th graders whose mothers' education is higher secondary and Post Graduation.
- To study the difference between vocational aspirations of 11th graders whose mothers' education is Graduation and post Graduation.
- To study the difference amongst vocational aspirations of 11th graders who belong to different faculties.
- To study the difference between vocational aspirations of 11th graders who belong to science and commerce group.
- To study the difference between vocational aspirations of 11th graders who belong to science and Arts group.
- To study the difference between educational aspirations of 11th graders who belong to commerce and Arts group.
- To study the difference between vocational aspirations of total boys and girls.
- To study the relationship between the academic and vocational aspirations of 11th graders.

8.3 VARIABLES:

There are two kinds of variables in the present study. They are independent variable and dependent variables. Mother's education level is the independent variable where as both academic and vocational aspirations are dependent variables.
8.3.1 Independent Variable:

Mother's education: It is a stimulus variable or input which operates either within a person or within environment to affect his behaviour. It is the factor which is measured, manipulated or selected by the experimenter to determine its relationship to observed phenomena. Independent variable is the cause for change in other variables. It is interested only in affecting another variable not in what affects it. In the present study the independent variable is mother's education level. As the study is to investigate into the impact of mother's educational level on academic and vocational aspirations of children, children are classified on the basis of their mothers' education level. In order to investigate particularly, four levels of mothers' education has been considered, they are, mothers' secondary level education, mothers with higher secondary education, mothers with graduation level of education and mothers with post graduation level of education.

8.3.2 Dependent Variables:

a) Academic aspirations:

Academic aspiration is known as the aspiration of a child with regard to his scholastic achievement. The higher the goal, the intensive his effort to achieve that particular goal. In the very beginning, the child is encouraged by his parents to aspire to stand at the top of his class, to be prestigious athlete, to be identified with the leading crowd, he aspires to do what an older sibling or a neighborhood playmate does. Hence high aspirations in the academic field is the essential requisite in order to achieve success the academic field.
b) Vocational aspirations

Aspirations related to one's own vocation or occupation is vocational aspiration of an individual. The relative stability of the childhood environment and the training methods of parents lead the child to develop a habit of aspiring for his vocation. Hence, child's aspiration in relation to settle their future occupation is known as vocational aspirations.

8.3.3 Gender: Boys

Girls

8.3.4 Disciplines of study: Science Discipline

Commerce Discipline

Arts Discipline

8.3.5 Type of school: Schools of Chhattisgarh Board of secondary education.

8.4 FORMULATION OF HYPOTHESES:

1. There exists significant difference in the academic aspirations of 11th graders of Raipur city, studying in Chattisgarh Board of secondary education.

2. There exists significant effect of the mother's education on the academic aspirations of 11th graders.

3. There exists no significant difference on the academic aspirations of children of 11th grade whose mothers' education level is secondary and higher secondary.

4. There exists significant difference in the academic aspirations of children of 11th grade whose mothers' education level is secondary and Graduation.

5. There exists significant difference in the academic aspirations of children of 11th graders whose mothers' education level is secondary and Post Graduation.
6. There exists significant difference in the academic aspirations of children whose mothers' education level is higher secondary and Graduation.

7. There exists significant difference in the academic aspirations of children whose mothers' education level is higher secondary and Post Graduation.

8. There exists no significant difference in the academic aspirations of children whose mothers' education level is Graduation and Post Graduation.

9. There exists significant difference in the academic aspirations of 11th graders of various disciplines of study.

10. There exists no significant difference in academic aspirations of 11th graders of science and commerce disciplines.

11. There exists no significant difference in academic aspirations of 11th graders of arts and commerce disciplines.

12. There exists no significant difference in academic aspirations of 11th graders of science and arts disciplines.

13. There exists no gender effect on the academic aspirations of 11th graders.

14. There exists significant difference in the vocational aspirations of 11th graders of Raipur city, studying in Chattisgarh Board of secondary education.

15. There exists significant effect of the mother's education on the vocational aspirations of 11th graders.

16. There exists no significant difference on the vocational aspirations of children of 11th grade whose mothers' education level is secondary and higher secondary.

17. There exists significant difference in the vocational aspirations of children of 11th grade whose mothers' education level is secondary and Graduation.

18. There exists significant difference in the vocational aspirations of children of 11th graders whose mothers' education level is secondary and Post Graduation.
19. There exists significant difference in the vocational aspirations of children whose mothers' education level is higher secondary and Graduation.

20. There exists significant difference in the vocational aspirations of children whose mothers' education level is higher secondary and Post Graduation.

21. There exists no significant difference in the vocational aspirations of children whose mothers' education level is Graduation and Post Graduation.

22. There exists significant difference in the vocational aspirations of 11\textsuperscript{th} graders of various disciplines of study.

23. There exists no significant difference in vocational aspirations of 11\textsuperscript{th} graders of science and commerce disciplines.

24. There exists no significant difference in vocational aspirations of 11\textsuperscript{th} graders of arts and commerce disciplines.

25. There exists no significant difference in vocational aspirations of 11\textsuperscript{th} graders of science and arts disciplines.

26. There exists no gender effect on the vocational aspirations of 11\textsuperscript{th} graders.

27. There exists significant relationship between academic aspirations and vocational aspirations of 11\textsuperscript{th} graders.
8.5 THE SAMPLE:

Table showing the sample frame work on the basis of mother's education level, discipline of study and sex:

<table>
<thead>
<tr>
<th>Mother's education</th>
<th>Science</th>
<th>Commerce</th>
<th>Arts</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Boys</td>
<td>Girls</td>
<td>Boys</td>
<td>Girls</td>
</tr>
<tr>
<td>Secondary</td>
<td>30</td>
<td>30</td>
<td>30</td>
<td>30</td>
</tr>
<tr>
<td>Higher Secondary</td>
<td>30</td>
<td>30</td>
<td>30</td>
<td>30</td>
</tr>
<tr>
<td>Graduation</td>
<td>30</td>
<td>30</td>
<td>30</td>
<td>30</td>
</tr>
<tr>
<td>Post Graduation</td>
<td>30</td>
<td>30</td>
<td>30</td>
<td>30</td>
</tr>
<tr>
<td>Total</td>
<td>120</td>
<td>120</td>
<td>120</td>
<td>120</td>
</tr>
</tbody>
</table>

8.6 TOOLS UTILIZED:

- Self made information sheet (To find out the education level of mother)
- Educational Aspiration Scale
  By Dr. V.P. Sharma & Dr. Anuradha Gupta
- Occupational Aspiration Scale
  By J.S. Grewal

8.7 STATISTICS USED:

1. Mean
2. Standard deviation
3. 3 way ANOVA
4. ‘t’ test
5. Correlation (pearson ‘r’)
6. The formulae of the above statistics will be used in their standard form.
8.8 ANALYSIS & STATISTICAL APPLICATION:

1. Means, standard deviations, sum and squares of sum were computed and tabulated.

2. With the data obtained on mother’s education levels, disciplines of study and gender, 4 x 3 x 2 (3 way ANOVA) were computed. ‘F’ values were tabulated and level of significance was measured.

3. ‘t’ values were computed to find out the significance within the groups and the level of significance was measured.

4. Pearson’s ‘r’ (correlation) was computed to find out the relationship between the educational aspirations and vocational aspirations.

8.9 RESULTS:

R₁
There exists significant difference in the academic aspirations of 11th graders of Raipur city.

R₂
There exists significant effect of the mothers’ education on the academic aspirations of 11th graders.

R₃
There exists significant difference on the academic aspirations of children of 11th grader whose mothers’ education level is secondary and higher secondary.

R₄
There exists significant difference in the academic aspirations of children of 11th grade whose mothers’ education level is secondary and graduation.
R5
There exists significant difference in the academic aspirations of children of 11th graders whose mothers’ education level is secondary and post graduation.

R6
There exists no significant difference in the academic aspirations of children whose mothers’ education level is higher secondary and graduation.

R7
There exists moderate difference in the academic aspirations of children whose mothers’ education level is higher secondary and post graduation.

R8
There exists no significant difference in the academic aspirations of children whose mothers’ education level is graduation and post graduation.

R9
There exists significant difference in the academic aspirations of 11th graders of various disciplines of study.

R10
There exists significant difference in the academic aspirations of 11th graders of science and commerce disciplines.

R11
There exists significant difference in the academic aspirations of 11th graders of arts and commerce disciplines.

R12
There exists significant difference in the academic aspirations of 11th graders of science and arts disciplines.
There exists significant effect of gender in the academic aspirations of 11\textsuperscript{th} graders.

There exists significant difference in the vocational aspirations of 11\textsuperscript{th} graders of Raipur city.

There exists significant effect of the mothers' education on the vocational aspirations of 11\textsuperscript{th} graders.

There exists significant difference on the vocational aspirations of children of 11\textsuperscript{th} grader whose mothers' education level is secondary and higher secondary.

There exists significant difference in the vocational aspirations of children of 11\textsuperscript{th} grade whose mothers' education level is secondary and graduation.

There exists significant difference in the vocational aspirations of children of 11\textsuperscript{th} graders whose mothers' education level is secondary and post graduation.

There exists no significant difference in the vocational aspirations of children whose mothers' education level is higher secondary and graduation.

There exists significant difference in the vocational aspirations of children whose mothers' education level is higher secondary and post graduation.
There exists significant difference in the vocational aspirations of children whose mothers' education level is graduation and post graduation.

There exists significant difference in the vocational aspirations of 11th graders of various disciplines of study.

There exists significant difference in the vocational aspirations of 11th graders of science and commerce disciplines.

There exists significant difference in the vocational aspirations of 11th graders of arts and commerce disciplines.

There exists no significant difference in the vocational aspirations of 11th graders of science and arts disciplines.

There exists moderate effect of gender on the vocational aspirations of 11th graders.

There exists moderate relationship in between the academic aspirations and vocational aspirations of 11th graders.
8.10 CONCLUSION:

To conclude, it can be claimed that once again the girl/women education proved to be important for the development of not only the family but also for the nation. The present study has been provided with valuable results, which focuses that mother's education has positive impact on both academic and vocational aspirations of children.

8.11 EDUCATIONAL IMPLICATIONS:

The present study is quite noteworthy if the findings attract the attention of the parents rather particularly mothers, teachers, curriculum constructors, education policy makers. The education implications of this study lies in their special attention.

The present study is very much emphasizes the role of mothers in their children's aspirations as well as achievement. The results of study attract mothers to guide or to focus the impact of their valuable educative knowledge for reshaping and molding the aspirations of her children.

For the policy makers, the study emphasizes the importance of educated mothers as stake holders in the system of education.

It is useful for the curriculum constructors, as it focuses on the importance of women or girls education on the siblings. The curriculum constructors should frame the curriculum in order to encourage the girls' education in particular.

Teachers are regarded as the channels for the development of the society. The study helps the teachers if they involve the mothers in coordination to shape their children, the better will be the results in achievement.

Further, the policy makers should keep it in their mind that acquiring education is not only directs in the all round development but also in motivating the children in
appropriate direction. It will ultimately, assist in the preparation of right citizens for our nation.

8.12 SUGGESTIONS FOR FURTHER RESEARCHES:

The present study paves the way for the following further researches:

❖ A comparative study of the effect of father and mother on the aspirations of their children.

❖ A comparative study of relation between the educational aspirations and educational achievement of higher secondary school children.

❖ An investigation into the relationship between the educational and vocational aspirations of higher secondary school children.

❖ A study on the impact of mothers' education on different siblings at different ordinal level.

❖ A study of effect of socio economic condition of family on the aspirations of higher secondary school children.

❖ A comparative study of success in between the professional and non professional careers of higher secondary school children.

❖ A study to investigate the influence of peer group in the selection of vocations of higher secondary school children.

❖ A study to investigate the role of teachers in the educational aspirations and vocational aspirations of higher secondary school children.

❖ A study to investigate the impact of mother's education on the educational and vocational aspirations of higher secondary school children of central board of secondary education.
• Impact of mother’s education on the educational achievement and self concept of higher secondary school children.

• A comparative study of vocational aspiration and career achievement of higher secondary school children.

• Impact of mother’s education on the educational achievement of deviant learners.