CHAPTER 2

RESEARCH METHODOLOGY

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2.1 Scope of the Study:

The scope of the study comprises:

- To address adolescent behaviour in schools and colleges in the city of Mumbai and determine their response to the various skill requirement and coping mechanism by asking them their preferences.
- To encourage them to assume ownership of the curriculum and their behaviour.
- To determine if the preferences of life skills by adolescents vary according to their gender, socio-economic status and age.

2.2 Objectives of the Study:

The objectives of the study are classified into two, viz. primary and secondary. The primary objective of the study aims to study life skill preferences of adolescents in the city of Mumbai.

The secondary objective of the study includes:

To rank the life skill needs of the target group according to their preferences and differences.

- To identify whether the present curriculum satisfactorily reflects the preferences of the learners.
- To determine whether life skill preferences vary according to gender and economic status.
2.3 Hypothesis:
The study shall be based on the following hypothesis.

**Null hypothesis (H01):**

It is essential to determine life skill preferences of adolescents.

**Alternate hypothesis (H11):**

It is not essential to determine life skill preferences of adolescents.

**Null hypothesis (H02):**

The present curriculum reflects the life skill preferences of adolescents

**Alternate hypothesis (H12):**

The present curriculum does not reflect the life skill preferences of adolescents.

**Null Hypothesis (H03):**

Life skill preferences in adolescents vary according to their socio-economic conditions.

**Alternate Hypothesis (H13):**

Life skill preferences in adolescents do not vary according to their socio-economic conditions.

**Null Hypothesis (H04):**

Life Skill preference in adolescents do not vary according to age.

**Alternate Hypothesis (H14):**

Life Skill preference in adolescents vary according to age.

**Null Hypothesis (H05):**

Life Skill preferences in adolescents vary according to gender.
Alternate Hypothesis (H15):
Life Skill preference in adolescents do not vary according gender.

Null Hypothesis (H06):
Adolescents are capable of identifying their life skill preferences.

Alternate Hypothesis (H16):
Adolescents are not capable of identifying their life skill preferences.

Null Hypothesis (H07):
Adolescents are strong in interpersonal relationships and prioritize it highly.

Alternate Hypothesis (H17):
Adolescents are not strong in interpersonal relationships and do not prioritize it highly.

2.4 Research Methodology:

2.4.1 Sources of Data

The research will be carried out with the help of primary and secondary data. Primary data – An empirical investigation will be conducted and survey research method will be employed. A closed questionnaire, based on thorough study of literature on adolescent life skill is compiled to determine the life skill preferences of adolescents in Mumbai.

Secondary data—Secondary sources include published data, articles, research papers and books on the subject.

2.4.2 Research Design

The problem dealt with in this research is to determine the responses of adolescents to the various Life Skill requirements and coping mechanisms by asking them their preferences. Descriptive research design shall be utilized since the study is concerned with describing the characteristics of different individuals and groups of individuals. Using a closed questionnaire an
initial pilot study will be conducted by distributing the questionnaires to hundred respondents in the said area and analyzing their responses.

Changes if needed shall be made in the questionnaire before conducting the final study. An initial pilot study will be conducted by distributing the questionnaires to 100 respondents in the area and analyzing their responses.

2.4.3 Research Area

School and College students from Mumbai will constitute the target group after explaining the objective of the research to them.

2.4.4 Sample size

The sample will be drawn from adolescents, from both genders and various economic strata in the city of Mumbai. Lady and Ormond (2001:224) suggest that when a population exceeds 5,000, a sample of 400 is representative. There is an excess of 5,000 adolescents in the city of Mumbai.

2.4.5 Sampling Technique

The Technique used to develop the scales for the sampling shall be Arbitrary Approach where the scale will be deployed on ad hoc basis. Summated scales or Likert type scales shall be developed by utilizing the item analysis method where in a particular item is assessed on the basis of how well it differentiates between those persons whose total score is low and those whose is high.

2.5 Analysis of Data

After conducting a pilot study the acceptability, validity and reliability will be tested. While testing reliability the pilot group would be asked to complete the questionnaire. After testing the Reliability of the pilot group the questionnaire will be administered to all the respondents’ analysis. (SPSS) 20, software package for questionnaire survey will be used for further analysis.

Bivariate analysis using Means, T-test, ANOVA, or Non parametric tests like Mann Whitney tests and Kruskal-Wallis Tests will be used if necessary.
Correlation will be used to identify the trends and possible associations between one variable and the other.

**2.6 Chapter scheme:**

1. Introduction, which will include  
   a) What are life skills.  
   b) The need for study,

2. Research Methodology will included  
   a) Scope of study.  
   b) The objectives of the study,  
   c) Hypothesis,  
   d) Research design.  
   e) Means of data collection and analysis,  
   f) Limitations of the study.

3. Literature Review.

4. Adolescents and their issues and Problems.

5. Life skills needed by adolescents.

6. Data collection and Analysis.

7. Conclusion and Recommendations.

8. Bibliography.
2.7 Limitations of study:

The study suffers from the following limitations.

a) The questionnaire would be administered to around 500 respondents, who include adolescents in the city of Mumbai. The sample size would thus be a limitation.

b) The questionnaire is administered only to school and college students, hence the views of non school going adolescents are not considered.

c) The responses would have an element of subjectivity like every other research under social science.

d) The relevance of the suggested measures would depend on the seriousness with which these are implemented.

e) Considering that the concentration span of adolescents is not too much, all life skills have not been considered while preparing the questionnaire.