METHODOLOGY

Research Approach: Qualitative and Quantitative research approach.

Research Design: Pre-Experimental one group pretest & posttest research design

Population: In this study population consists of high school students from selected schools of Mangalore.

Sampling Technique: Non-probability convenient sampling technique.

Sample size: 500 High school students

Source of Data Collection: Data will be collected from selected schools in Mangalore

Inclusion criteria:
1] School children who are studying in high schools of Mangalore.
2] School children who are aged between 12 to 16 years.
3] School children who are able to read and write Kannada/English.
4] School children who are willing to participate in the study.

Exclusion Criteria:
1] School children who have history of severely ill and unable to provide data.
2] School children who are already have attended educaton sessions related to drug abuse.
3] School children who are not able to cooperate through the period of study.

Tool:

Section A - Demographic data of the students

Section B – Structured knowledge questionnaire to assess the knowledge level regarding substance abuse of the high school students

Ethical consideration:
Research proposal will be approved by ethical / DRC committee of university. Prior permission will be taken by concerned authority. Informed written consent will be taken from each selected sample.

STATISTICAL TECHNIQUE

Required permission from authorities will be taken before study. Then samples will be selected as per inclusion criteria. The analysis of the data is based on the objectives of the study. The data will be analyzed as following:
1] The demographic of the subjects will be analyzed using frequency and percentage.
2] The pre-test and post-test knowledge scores will be analyzed using frequency and percentage, mean and standard deviation.

3] The effectiveness of educational awareness program will be analyzed by using descriptive and inferential statistical methods. Paired ‘t’ test by measuring the significant difference between pre-test and post-test scores.

4] Using SPSS software version 23

**Note:** After going through research study preferable statistical technique will be chosen accordingly.

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**WORK PLAN**

<table>
<thead>
<tr>
<th>1 YEAR</th>
<th>Course work completion</th>
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<tbody>
<tr>
<td></td>
<td>Review of literature</td>
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<td>Identifying the problem</td>
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<td>Finalizing the Research Problem Statement</td>
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<td>Formulating the Objectives and Hypothesis</td>
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<td>Year</td>
<td>Activities</td>
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| II YEAR| Tool Preparation (Validity & Reliability) of the tool  
Pilot Study  
Obtain Permission from the Authorities and the Participants  
Data Collection  
Analyzing the Data and Interpretation  
Summary Preparation |
| III YEAR| Submission of summary  
Conference Proceedings  
Paper Publications  
Paper presentations  
Writing the Thesis  
Submission of Thesis |